



Air Grilles
ΣΤΟΜΙΑ ΚΛΙΜΑΤΙΣΜΟΥ

**κατάλογος
προϊόντων**

**product
catalogue**

who we are

ΠΟΙΟΙ ΕΙΜΑΣΤΕ



Η εταιρεία AIR GRILLES, από την ίδρυσή της το 1976 στην Αθήνα, δραστηριοποιείται στην κατασκευή και εμπορία στομίων κλιματισμού όλων των τύπων καθώς και συνα-φών προϊόντων (πολύφυλλων διαφραγμάτων, φίλτρων, δισκοβαλβίδων, διαφραγμάτων φωτιάς κλπ.).

Διαθέτει ιδιόκτητες εγκαταστάσεις 2500m² στη Βιομηχανική Περιοχή Κορωπίου Αττικής και έχει θέσει ως στόχους:

- την άρτια οργάνωση της παραγωγικής διαδικασίας
- την ανάπτυξη νέων προϊόντων
- την συνεχή βελτίωση των παραγόμενων προϊόντων μέσω της αναβάθμισης του τεχνολογικού εξοπλισμού και της αντίστοιχης εκπαίδευσης του προσωπικού
- την ορθολογική αξιοποίηση του έμψυχου δυναμικού
- την χρήση νέων τεχνολογιών (πχ. συμμετοχή στην ηλεκτρονική αγορά στον χώρο των κατασκευαστών - b2b construct)
- την αμεσότητα στην επικοινωνία με τον πελάτη
- την ταχύτατη εξυπηρέτηση της αγοράς

Στα πλαίσια της συνεχούς προσπάθειας για έρευνα και ανάπτυξη η AIR GRILLES προχώρησε, σε συνεργασία με το πανεπιστήμιο της Πάτρας, στο σχεδιασμό και κατασκευή εργαστηρίου μετρήσεων στομίου κλιματισμού.

Σημειώνουμε ενδεικτικά την συνεργασία των μηχανολόγων μας με τους αντίστοιχους της γερμανικής εταιρείας στο διεθνές τμήμα του αεροδρομίου ΕΛΕΥΘΕΡΙΟΣ ΒΕΝΙΖΕΛΟΣ, για την κατασκευή στομίων LOUVER υψηλών προδιαγραφών για εξωτερικούς χώρους.

Η πιστοποίηση κατά το Διεθνές Πρότυπο EN ISO 9001:2008, που αφορά στην εγκατάσταση και λειτουργία Συστήματος Ποιοτικού Ελέγχου σε όλες τις φάσεις της διοικητικής και παραγωγικής διαδικασίας, επισημοποίησε τους κανόνες λειτουργίας της εταιρείας μας.

Η ευρεία συμμετοχή μας σε Ολυμπιακά Έργα επιβεβαίωσε τα υψηλά standards των προϊόντων μας και δημιούργησε νέες προσδοκίες στα πλαίσια των κανόνων του υγιούς ανταγωνισμού και της διεύρυνσης των αγορών.

Ήδη ολοκληρώσαμε την κτιριακή επέκταση του εργοστασίου μας και οργανώνουμε νέα μονάδα παραγωγής εξοπλισμένη με μηχανήματα σύγχρονης τεχνολογίας, για να αντιμετωπίσουμε τις αυξημένες ανάγκες της αγοράς στον τομέα των συστημάτων κεντρικού κλιματισμού.

Φιλοδοξία της εταιρείας μας είναι η κατασκευή στομίων κλιματισμού εξαιρετικής ποιότητας σε ανταγωνιστικές τιμές, με σκοπό την ικανοποίηση των πλέον απαιτητικών τεχνικών, οικονομικών και αισθητικών δεδομένων.

Ευχαριστούμε που μας εμπιστεύεστε και είμαστε έτοιμοι να ανταποκριθούμε στις μελλοντικές σας απαιτήσεις.

Με φιλικούς χαιρετισμούς,

Ιωάννα Λιόλη
Ιωάννης Σουσαλής

AIR GRILLES company, founded 1976 in Athens, are manufacturers of air conditioning terminal devices and relative products (a complete line of air outlets and inlets, multi-leaf dampers, filters, disk valves, fire dampers, etc.). Our products are installed in a multitude of residential, commercial, industrial, and institutional buildings.

AIR GRILLES production facilities are housed in privately owned premises of 2500m² in Koropi Industrial Area in Attica. Company's policies are focused on:

- modern, highly organized, effective production methods
- new product development
- continuous improvement of manufactured products through installation of modern production machinery, implementation of automated processes and continuous personnel training
- rational personnel development
- adapting new technologies (e.g. participation in "b2b construct")
- direct contact with our customers
- fastest possible delivery of orders

Believing that Research and Development is a vital factor of a company's success, AIR GRILLES, in co-operation with the University of Patras, designed and built a Laboratory for rating and evaluating air outlets and inlets, in full conformance to ISO 5219.

The design of special external louvers for the Athens International Airport "Eleftherios Venizelos", jointly by our engineers and those of the German contractor, is a typical example of our technical expertise and the will to provide our customers complete co-operation for the best solutions for their projects.

The operating policies and rules of the company were formally established by the Certification of conformance to International Standard EN ISO 9001:2008, for the application of a Quality Management System to all stages of administration and production.

Our broad participation in the construction works of the 2004 Olympics proved the high quality of our products, and created new expectations in an enlarged market, where healthy competition is for us the golden rule.

AIR GRILLES has just completed the construction of additional building space of 1000m² to our plant, where a new production unit will be installed, equipped with modern automated machinery, in order to face the increased market needs in the central air conditioning sector.

Our company's principle is to offer our customers excellent quality in competitive prices, meeting the most demanding technical, economical and aesthetic specifications.

Thank you for your confidence, and we look forward to satisfy your future requirements.

Kind regards

Ioanna Lioli
Ioannis Sousalis

laborato



ΕΡΓΑΣΤΗΡΙΟ ΜΕΤΡΗΣΕΩΝ ΣΤΟΜΙΩΝ ΚΛΙΜΑΤΙΣΜΟΥ

Το άνοιγμα των οικονομικών και τεχνολογικών συνόρων στην αγορά του κλιματισμού είναι από αρκετά χρόνια μια πραγματικότητα. Ο έντονος ανταγωνισμός σε διεθνές επίπεδο ανοίγει και μεγάλες ευκαιρίες για την ελληνική παραγωγή εξαρτημάτων κλιματισμού με την προϋπόθεση ύπαρξης αντίστοιχου επιπέδου ποιότητας.

Η ανάγκη ύπαρξης στην ελληνική αγορά Εργαστηρίου Μετρήσεων Στομίων Κλιματισμού είναι υπ' αυτές τις συνθήκες δεδομένη.

Οι αποδόσεις των στομίων (παροχή, βεληνεκές, πτώση πιέσεως, στάθμη θορύβου, δέσμη κλπ) είναι στοιχεία απαραίτητα για τον υπολογισμό και λειτουργία της εγκατάστασης κλιματισμού. Η κατασκευή στομίων βάσει σχεδίων, χωρίς δοκιμές δεν είναι δυνατόν να μας δώσει ακριβείς πίνακες αποδόσεων.

Σε συνεργασία με το Πανεπιστήμιο Πατρών, η AIR GRILLES έχει μελετήσει και θέσει σε λειτουργία πλήρες Εργαστήριο Μετρήσεων Στομίων Κλιματισμού κατά τις απαιτήσεις του διεθνούς προτύπου ISO 5219 (Laboratory Aerodynamic Testing and Rating the Performance of Air Terminal Devices) το οποίο είναι πλήρως συμβατό και με το πρότυπο ANSI/ASHRAE 70-1991 (Method of Testing for Rating the Performance of Air Outlets and Inlets).

Το εργαστήριο Μετρήσεων Στομίων Κλιματισμού της AIR GRILLES εφαρμόζει Σύστημα Ποιότητας κατά ISO/IEC 17025:2005 (General Requirements for the Competence of Testing and Calibration Laboratories).

Η λειτουργία του Εργαστηρίου Μετρήσεων Στομίων Κλιματισμού, ο προσανατολισμός μας προς τον διεθνή ανταγωνισμό, και η εμπειρία μας στις εξαγωγές, δίνει την δυνατότητα στην εταιρεία μας να ανταγωνισθεί επί ίσοις όροις εταιρείες που θεωρούνται οι μεγάλες δυνάμεις του χώρου.

Με την συνεχή εισαγωγή αυτομάτων διαδικασιών παραγωγής, και εγκατάσταση σύγχρονων μηχανών έχουμε την δυνατότητα για κατασκευή στομίων κλιματισμού ειδικών απαιτήσεων που άλλοτε γινόταν εισαγωγή από τους κατασκευαστές στομίων, όπως jet, swirl, ειδικά φίλτρα και έτσι με τις τιμές, την ποιότητα κατασκευής και την αισθητική των προϊόντων μας προκαλούμε τον ανταγωνισμό.

Στόμια ειδικής κατασκευής, λόγω περιορισμών ή απαιτήσεων αισθητικής λειτουργίας ή έρευνας και ανάπτυξης, κατασκευάζονται εξ' αρχής, δοκιμάζονται και μετρώνται. Οι σχετικοί πίνακες παραδίδονται στον πελάτη.

ργεργαστήριο



LABORATORY FOR THE RATING AND EVALUATION OF AIR TERMINAL DEVICES

The opening of the financial and technological frontiers in the heating and air conditioning market has been an established fact for several years.

AIR GRILLES believe that the passport to this vast world of opportunities has got a name: QUALITY. EN ISO 9001:2008 Quality Management System has been applied to AIR GRILLES production processes since 2003.

Then, we went one step ahead of the competition: AIR GRILLES has built and now operates a LABORATORY FOR RATING AIR OUTLETS AND INLETS, fully equipped according to ISO 5219 (Laboratory aerodynamic testing of air terminal devices), also compatible to ANSI/ASHRAE 70 (Method of Testing for Rating the Performance of Air Outlets and Inlets).

A separate Quality System ISO/IEC 17025 (General Requirements for the Competence of Testing and Calibration Laboratories) is applied to the Laboratory processes.

Any type of air terminal device can be rated for pressure drop, velocity, static and dynamic pressure, throw, spread, drop or rise of air stream, room air velocity, noise, temperature, all as a function of air volume flow rate.

Air outlets and inlets are important working parts in, often highly sophisticated, air conditioning systems. Reliable rating of outlets is absolutely necessary not only to system designers, but also to operating engineers.

Air outlets or inlets of special construction due to aesthetic or functional requirements or for research and development, can be constructed, tested and rated. Rating tables are delivered to the customer.

Our commitment to Total Quality expressed by the Laboratory operation, our orientation to international market, and our experience in exports, brings us to the position of competing on equal terms to the leaders of the market.

Continuous implementation of automated processes and installation of modern production machinery provides us the capability of delivering to our customers air outlets and inlets of more sophisticated design, such as: Jet, Swirl, Filter combinations etc. which until recently were imported. Most important: Automation keeps our customers happy with low prices.

Manufacturing quality, functional reliability, aesthetics, reasonable prices and on-time delivery, present our challenge to the competition.

ΕΞΟΠΛΙΣΜΟΣ ΕΡΓΑΣΤΗΡΙΟΥ - ΜΕΤΡΟΥΜΕΝΑ ΜΕΓΕΘΗ

Το εργαστήριο αποτελείται από τρία τμήματα:

ΠΡΩΤΟ ΤΜΗΜΑ: Αίθουσα διαλέξεων και προβολής διαφανειών και video των στομιών και των μετρήσεων του εργαστηρίου.

ΔΕΥΤΕΡΟ ΤΜΗΜΑ: Αεροσήραγγα.

ΕΞΟΠΛΙΣΜΟΣ

1. Αεροσήραγγα δοκιμών με δύο ανεμιστήρες για μετρήσεις στην προσαγωγή και για μετρήσεις στην απαγωγή οδηγούμενο μέσω Inverter και με ακροφύσιο εξομάλυνσης της ροής.
2. Λογισμικό καταγραφής μετρήσεων και εξοπλισμός σύνδεσης με Η/Υ.
3. Λογισμικό ελέγχου μέσω βηματικών κινητήρων και εξοπλισμός σύνδεσης με Η/Υ.
4. Λογισμικό μετατροπής των μετρήσεων σε πίνακες και διαγράμματα χωρίς την παρέμβαση ανθρώπινου παράγοντα για την αποφυγή λαθών κατά τους υπολογισμούς.
5. Ηλεκτρονικός Υπολογιστής, με τον οποίον συνδέονται τα συστήματα μετρήσεων και σάρωσης.
6. Όργανα μέτρησης πιστοποιημένα.
7. Σύστημα κινητού ικριώματος στήριξης αισθητηρίων, με κίνησησε δύο άξονες μέσω βηματικών κινητήρων για τη σάρωση ολόκληρης της επιφάνειας του ελεγχόμενου στομίου.
8. Ειδικό σύστημα γρήγορης και εύκολης αλλαγής και στήριξης των στομιών στο ακροφύσιο της αεροσήραγγας.

ΜΕΤΡΟΥΜΕΝΑ ΜΕΓΕΘΗ

- Πτώση πιέσεως σε λειτουργία προσαγωγής.
- Πτώση πιέσεως σε λειτουργία επιστροφής.
- Ταχύτητα εξόδου και εξ αυτής υπολογισμός της ενεργού επιφάνειας.
- Η παροχή αέρα μετράται καταρχάς ως μεταβλητή προς την οποία αντιστοιχίζονται τα ανωτέρω μεγέθη.
- Στατική και δυναμική πίεση.

ΑΚΟΛΟΥΘΟΥΜΕΝΑ ΠΡΟΤΥΠΑ

Αεροσήραγγα: ISO 5221, ISO 5219, ANSI/ASHRAE 70-1991
Μετρητικά όργανα - διατάξεις: ΕΛΟΤ-EN ISO 5135.

ΤΡΙΤΟ ΤΜΗΜΑ: Θάλαμος μετρήσεων.

ΔΙΑΣΤΑΣΕΙΣ ΘΑΛΑΜΟΥ: 8,00 x 6,00 x 2,80 m = 135 m³

ΕΞΟΠΛΙΣΜΟΣ

1. Δύο κεντρικές Κλιματιστικές Μονάδες για την κάλυψη όλου του εύρους παροχών αέρος έως 15.000 m³/h με ειδικού τύπου ανεμιστήρες (plug fan), με διάταξη μέτρησης της παροχής και συνεχή ρύθμιση στροφών μέσω Inverter. Φέρουν από δύο στοιχεία νερού, ψυχρού και θερμού, με αναλογικές βάνες ανα-μειξεως.
2. Δίκτυο Αεραγωγών με εσωτερική ηχομόνωση και ηλεκτροκίνητα διαφράγματα ON-OFF για την οδήγηση του αέρα προς το εκάστοτε ελεγχόμενο στόμιο. Στην αίθουσα το δίκτυο αεραγωγών έχει απόληξη σε πέντε σημεία τα οποία καλύπτουν όλη τη γκάμα των στομιών δηλαδή:
 - Επίτοιχα γραμμικά
 - Οροφής γραμμικά
 - Οροφής στόμια τετράγωνα, στρογγυλά, ανεμοστάτες, στόμια μεγάλου ύψους, swirl, καμπύλα
 - Μετωπικά στόμια, στόμια διαπέδου
 - Στόμια jet μεγάλου βεληνεκούς
3. Λογισμικό ελέγχου κινητήρων διαφραγμάτων και βανών αναμειξεως και εξοπλισμός σύνδεσης με Η/Υ.
4. Λογισμικό καταγραφής μετρήσεων και εξοπλισμός σύνδεσης με Η/Υ.
5. Λογισμικό ελέγχου βηματικών κινητήρων και εξοπλισμός σύνδεσης με Η/Υ.

LABORATORY EQUIPMENT - MEASURED QUANTITIES The laboratory includes three sections:

SECTION ONE: Conference and Presentation Room, equipped with audiovisual equipment for the presentation of the laboratory findings.

SECTION TWO: Wind Tunnel.

EQUIPMENT

1. Wind tunnel testing facility with two inverter driven fans for rating of supply and exhaust air terminal devices. Wind tunnel system includes flow straightener.
2. Measurement recording software and relative PC interface.
3. Step motor control software and relative PC interface.
4. Direct data acquisition software. Acquired data is placed directly into spreadsheet. Rating tables and charts are derived without any manual data entry, eliminating human errors.
5. Personal Computer, intergrating the above operations for man-machine interface, data logging and step motor control.
6. Measuring instruments, calibrated to all relative standards.
7. Moving probe holding rack, with step motor drive and PC controlled movement in a two-dimensional grid in front of the tested terminal.
8. Special system for easy mounting of the tested air terminal device at the end of the wind tunnel.

MEASURED QUANTITIES

- Air flow rate, as a variable to which all other quantities are related.
- Supply air terminal device Pressure Drop.
- Exhaust air terminal device Pressure Drop.
- k factor velocity (u_k) measurement and k factor area (A_k) calculation.
- Static and dynamic pressure.

CONFORMANCE TO STANDARDS

Test installations and procedures: ISO 5221, ISO 5219, ANSI/ASHRAE 70

General requirements for the competence of the laboratory: ISO/IEC 17025

SECTION THREE: Test Room.

ROOM SIZE: 8.00 x 6.00 x 2.80 m = 135 m³

EQUIPMENT

1. Two Air Handling Units for the complete coverage of air flow rates up to 15,000 m³/h with inverter driven, continuously variable rpm plug fans with air flow measurement device. Each AHU is equipped with separate cooling and heating coils, the water side being controlled by modulating 3-way valves.
2. Duct network, acoustically lined, connecting the two AHUs to five locations in the Test Room's walls and ceiling, where different types of air terminals can be installed:
 - Grilles and registers
 - Ceiling diffusers: rectangular, square, circular, high level, swirl, curved blades
 - Linear grilles
 - Linear slot diffusers
 - Jet nozzles
3. Damper and mixing valve actuator control software and relative PC interface.
4. Measurement recording software and relative PC interface.
5. Step motor control software and relative PC interface.
6. Direct data acquisition software. Acquired data is placed directly into spreadsheet. Rating tables and charts are formed without manual data entry, eliminating human errors.



6. Λογισμικό μετατροπής των μετρήσεων σε πίνακες και διαγράμματα χωρίς την παρέμβαση ανθρώπινου παράγοντα για την αποφυγή λαθών κατά τους υπολογισμούς.
7. Πιστοποιημένα όργανα μέτρησης.
8. Σύστημα κινητού ικριώματος στήριξης αισθητηρίων με κίνηση σε τρεις άξονες μέσω βηματικών κινητήρων, για την σάρωση ολόκληρου του εσωτερικού χώρου του θαλάμου δοκιμών.
9. Ειδικό σύστημα γρήγορης και εύκολης αλλαγής και στήριξης των στομιών στις καθορισμένες θέσεις δοκιμής.

ΜΕΤΡΟΥΜΕΝΑ ΜΕΓΕΘΗ

- Βεληνεκές
- Απόκλιση δέσμης
- Πτώση δέσμης
- Ταχύτητα αέρα δωματίου Vr
- Θόρυβος προκαλούμενος από το στόμιο

Τα ανωτέρω μεγέθη προσδιορίζονται με μέτρηση της ταχύτητας του αέρα εντός της δέσμης σε μεταβλητή απόσταση από το μετρούμενο στόμιο.

Οι δοκιμές είναι δυνατόν να γίνουν με δέσμη αέρος ισόθερμη ή ψυχρότερη ή θερμότερη από την θερμοκρασία του θαλάμου.

ΑΚΟΛΟΥΘΟΥΜΕΝΑ ΠΡΟΤΥΠΑ

Θάλαμος Δοκιμών: ISO 5221, ISO 5219, ANSI/ASHRAE 70-1991

Μετρητικά όργανα - διατάξεις: ΕΛΟΤ-EN ISO 5135, 17025

7. Measuring instruments, calibrated to relative Standards.
8. Moving probe holding rack, with step motor driven, PC controlled movement in three-dimensional grid covering the whole area of the Test Room.
9. Special system for easy mounting of the tested air terminals at the appropriate testing positions.

MEASURED QUANTITIES

- Throw
- Spread
- Drop or rise
- Local room air velocities, terminal velocity, envelope
- Air terminal induced noise

The above quantities are determined by measuring the air velocity within the air beam at variable distance from the measured air terminal.

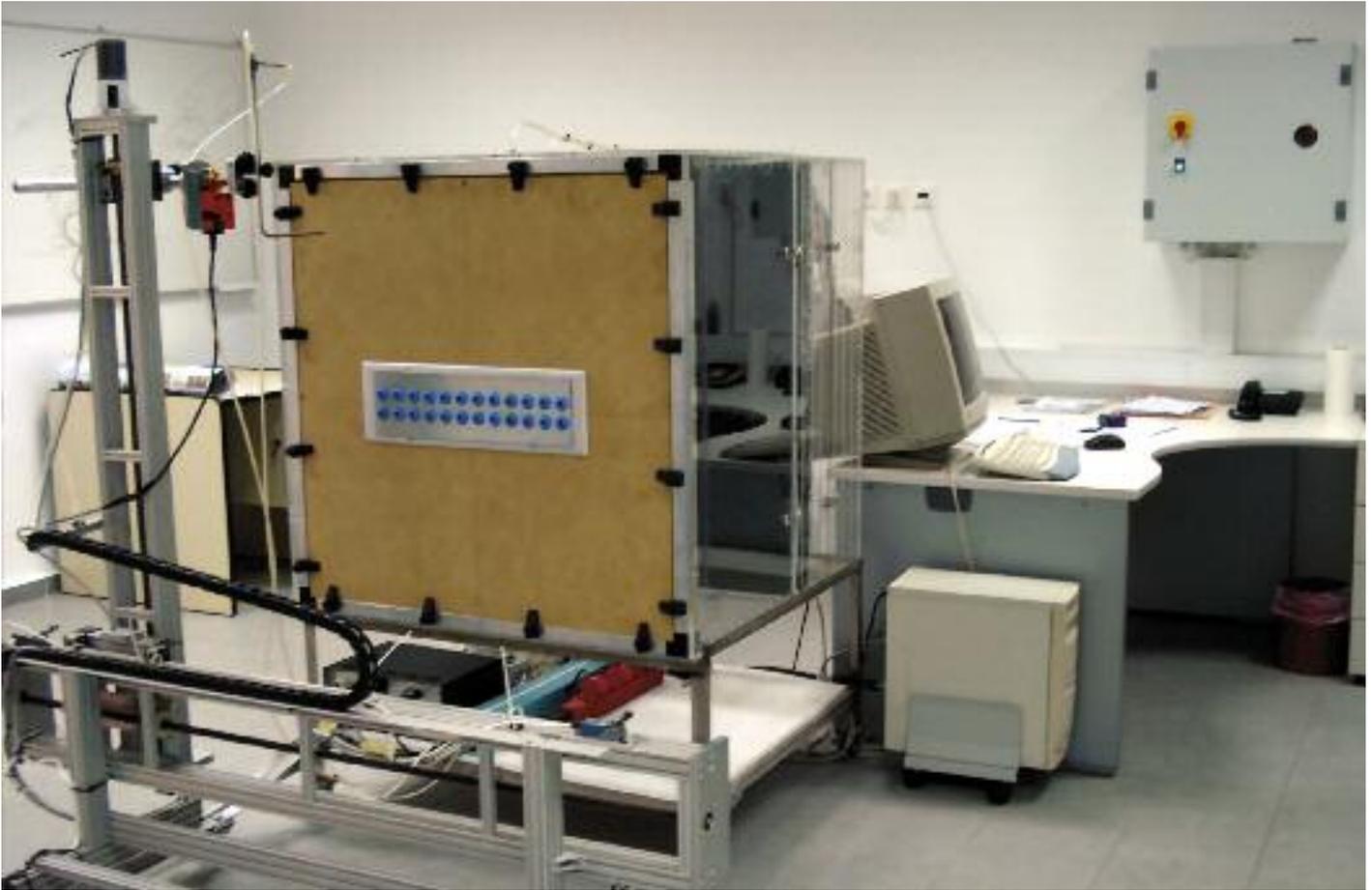
The tests can be conducted under isothermal and non isothermal conditions.

CONFORMANCE TO STANDARDS

Test installations and procedures: ISO 5221, ISO 5219, ANSI/ASHRAE 70

Acoustics: EN ISO 5135

General Requirements for the Competence of Laboratory: ISO 5135, 17025



ΠΡΟΣΔΟΚΩΜΕΝΕΣ ΕΥΝΟΪΚΕΣ ΕΠΙΠΤΩΣΕΙΣ ΣΤΗΝ ΒΙΩΣΙΜΟΤΗΤΑ ΚΑΙ ΤΑ ΟΙΚΟΝΟΜΙΚΑ ΑΠΟΤΕΛΕΣΜΑΤΑ ΤΗΣ ΕΠΙΧΕΙΡΗΣΗΣ ΕΚ ΤΗΣ ΛΕΙΤΟΥΡΓΙΑΣ ΤΟΥ ΕΡΓΑΣΤΗΡΙΟΥ ΜΕΤΡΗΣΕΩΝ ΣΤΟΜΙΩΝ ΚΛΙΜΑΤΙΣΜΟΥ

1. Η δημιουργία Εργαστηρίου Μετρήσεων Στομίων Κλιματισμού Κλιματισμού κατά τα ισχύοντα Διεθνή Πρότυπα ISO, στην έκταση και τον εξοπλισμό, αποτελεί γεγονός πρωτοποριακό για την Ελλάδα.
2. Στο Ευρωπαϊκό όμως Διεθνές περιβάλλον εντός του οποίου εκ των πραγμάτων λειτουργεί η εταιρεία, η ύπαρξη Εργαστηρίου Δοκιμών και Μετρήσεων είναι αναγκαία για την οικονομική επιβίωσή της. Οι θεωρητικές αποδόσεις των στομίων κλιματισμού λαμβάνονται υπόψιν εξ' αρχής στις μελέτες κλιματισμού άρα η εγκυρότητα των παρεχομένων στοιχείων κατά τα διεθνή πρότυπα απολύτως απαραίτητη για την συμμετοχή σε σημαντικά έργα.
3. Η βελτίωση της ποιότητας των προϊόντων μέσω δοκιμών και ελέγχων καθιστά την επιχείρηση απόλυτα ανταγωνιστική προς τις ομοειδής επιχειρήσεις του εξωτερικού. Το γεγονός αυτό δίνει την δυνατότητα εξαγωγών ή υποκατάστασης εισαγωγών, με προφανές κέρδος για την επιχείρηση αλλά και την Εθνική Οικονομία.
4. Το Εργαστήριο Δοκιμών είναι απαραίτητο για Έρευνα και Ανάπτυξη νέων προϊόντων, και αποτελεί κυριολεκτικά τον "πνεύμονα" μίας σύγχρονης επιχείρησης.

THE COMPETITIVE ADVANTAGES AND BENEFITS FOR AIR GRILLES COMPANY FROM THE OPERATION OF THE LABORATORY FOR THE RATING AND EVALUATION OF AIR TERMINAL DEVICES

1. The establishment of the Laboratory for Testing and Rating Air Terminal Devices, in conformance to International Standards ISO, both in available spaces and in testing equipment, apparatus and methods, is a real breakthrough for the Greek market.
2. In the European and International environment, where AIR GRILLES in fact operates, the existence of the Laboratory is the key to competing successfully. Correct rating tables of air terminal devices are fundamental input to air conditioning system design, right from the start. Bidding for international projects is not possible without valid rating of air outlets and inlets to International Standards.
3. Testing the performance of our products on a regular basis, permits us to check and raise the standard of product quality, which is the key to competing successfully in international level. Our products are being exported, or they are substituting imports, with benefit to the company, and to the national economy as well.
4. The Laboratory for testing air outlets and inlets is indispensable for Research and Development of new products, securing our company a leading role into an ever advancing and changing market.

πελάτες clients

ΝΕΟ ΑΤΜΟΗΛΕΚΤΡΙΚΟ ΕΡΓΟΣΤΑΣΙΟ ΔΕΗ ΚΑΙ ΦΥΣΙΚΟΥ ΑΕΡΙΟΥ ΣΤΗ ΘΗΒΑ

ΟΛΥΜΠΙΑΚΑ ΕΡΓΑ

ΦΑΡΜΑΚΟΒΙΟΜΗΧΑΝΙΕΣ FAMAR & BEHRINGER

ΕΡΓΟΣΤΑΣΙΟ & ΚΤΙΡΙΟ ΓΡΑΦΕΙΩΝ ΑΡΙΒΙΤΑ

ΚΤΙΡΙΟ UNIMAC

ΕΘΝΙΚΟ ΘΕΑΤΡΟ

ΙΔΡΥΜΑ ΤΕΧΝΩΝ & ΜΟΥΣΙΚΗΣ Β & Μ ΘΕΟΧΑΡΑΚΗ

ΚΤΙΡΙΟ ΕΘΝΙΚΗΣ ΑΣΦΑΛΙΣΤΙΚΗΣ - ΛΕΩΦΟΡΟΣ ΣΥΓΓΡΟΥ

ΚΤΙΡΙΟ MABEL

ΝΕΑ ΚΤΙΡΙΑ ΙΚΑ

ΚΕΝΤΡΙΚΟ ΚΤΙΡΙΟ ΤΡΑΠΕΖΑΣ EUROBANK Ν. ΙΩΝΙΑ

ΚΕΝΤΡΙΚΑ ΚΤΙΡΙΑ ΑΓΡΟΤΙΚΗΣ ΤΡΑΠΕΖΑΣ ΜΑΡΟΥΣΙ

ΚΑΤΑΣΤΗΜΑΤΑ EUROBANK

ΚΑΤΑΣΤΗΜΑΤΑ ALPHABANK

ΚΕΝΤΡΙΚΟ ΚΤΙΡΙΟ COSMOTE - ΑΧΑΡΝΩΝ

ΑΠΟΘΗΚΕΣ MERCEDES ΑΣΠΡΟΠΥΡΓΟΣ

ΚΤΙΡΙΟ BOSCH ΚΟΡΩΠΙ

ΕΠΕΚΤΑΣΗ ΜΕΤΡΟ ΓΡΑΜΜΗ ΕΛΛΗΝΙΚΟ

ΞΕΝΟΔΟΧΕΙΑΚΕΣ ΜΟΝΑΔΕΣ ΣΤΗ ΡΟΔΟ, ΚΡΗΤΗ, ΚΕΡΚΥΡΑ

ΞΕΝΟΔΟΧΕΙΟ ΛΑΓΟΝΗΣΙ RESORT

ΝΟΣΟΚΟΜΕΙΟ METROPOLITAN

ΝΟΣΟΚΟΜΕΙΟ ΡΟΔΟΥ

ΝΟΣΟΚΟΜΕΙΟ ΙΑΣΩ ΛΑΡΙΣΑΣ

ΝΟΣΟΚΟΜΕΙΑ ΜΗΤΕΡΑ & ΥΓΕΙΑ - ΜΑΡΟΥΣΙ

ΙΑΤΡΙΚΗ ΣΧΟΛΗ ΛΑΡΙΣΑΣ

ΚΑΤΑΣΤΗΜΑΤΑ ΟΜΙΛΟΥ ZARA

ΚΑΤΑΣΤΗΜΑΤΑ ΟΜΙΛΟΥ VARDAS

ΚΑΤΑΣΤΗΜΑΤΑ ΕΜΠΟΡΙΚΟΥ ΚΕΝΤΡΟΥ THE MALL

ΚΑΤΑΣΤΗΜΑΤΑ ΕΜΠΟΡΙΚΟΥ ΚΕΝΤΡΟΥ GOLDEN HALL

ΚΑΤΑΣΤΗΜΑΤΑ NIKE & FOLLI FOLLIE

ΚΑΤΑΣΤΗΜΑΤΑ ΓΡΗΓΟΡΗΣ ΜΙΚΡΟΓΕΥΜΑΤΑ

S/M ΣΚΛΑΒΕΝΙΤΗΣ

S/M CARREFOUR

S/M LIDL

S/M ΑΒ ΒΑΣΙΛΟΠΟΥΛΟΣ

1

	WR-150 WR-150-RAL WR-150D WR-150D-RAL WR-150-A WR-150-A-RAL WR-150-F WR-150-F-RAL WR-150-A-F WR-150-A-F-RAL	14 15 16 17 18		TS-101 TS-101-RAL TS-101D TS-101D-RAL	24 25
	WS-101 WS-101-RAL WS-101D WS-101D-RAL WS-101-A WS-101-A-RAL WS-101-F WS-101-F-RAL WS-101-A-F WS-101-A-F-RAL	19 20 21 22 23		WS-102 WS-102-RAL WS-102D WS-102D-RAL WS-102-A WS-102-A-RAL WS-102-F WS-102-F-RAL WS-102-A-F WS-102-A-F-RAL	26 27 28 29 30
				TS-102 TS-102-RAL TS-102D TS-102D-RAL	31

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	LF-201/202 LF-201/202-RAL LF-201/202D LF-201/202D-RAL LF-201/202-A LF-201/202-A-RAL LF-201/202-F LF-201/202-F-RAL LF-201/202-A-F LF-201/202-A-F-RAL	34 35 36 37 38		LF-204/RAL/D/D-RAL	41
	LF-203 LF-203-RAL LF-203D LF-203D-RAL	39 40		TL-201/202 TL-201/202-RAL TL-201/202D TL-201/202-D-RAL	42 43
				SL-801/810/D/E/DE	44
				SL-851/859/D/E/DE	46
				SL-850-T	47A

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	CM-501/502 CM-501/502-RAL CM-501/502D CM-501/502D-RAL	50 51		CA-601/2/3 CA-601/2/3-RAL CA-601/2/3D CA-601/2/3D-RAL CA-601/2/3-E CA-601/2/3-E-RAL CA-601/2/3D-E CA-601/2/3D-E-RAL	62 64 66 68
	CM-501/502-A CM-501/502-A-RAL CM-501/502-F CM-501/502-F-RAL CM-501/502-A-F CM-501/502-A-F-RAL	52 53 54			
	CM-503/504 CM-503/504-RAL CM-503/504D CM-503/504D-RAL	55 56		CA-604 CA-604-RAL CA-604D CA-604D-RAL CA-604-E CA-604-E-RAL CA-604D-E CA-604D-E-RAL	70 72 74 76
	CM-503/504-A CM-503/504-A-RAL CM-503/504-F CM-503/504-F-RAL CM-503/504-A-F CM-503/504-A-F-RAL	57 58 59		CR-700/D/D-E CR-700/D/D-E-RAL CR-750/D/B/D-B	78 79 80
	TM-501/502 TM-501/502-RAL TM-501/502D TM-501/502D-RAL	60		SW-TUBE	81
	SW-504/604 SW-504/604-P	61		SW-1100-R/T/R-S/T-S SW-1100-R/T/R-S/T-S P SW-1150-R/T	82 83

4



SW-1300
SW-1300-RAL
SW-1300D
SW-1300D-RAL

86



SW-1200
SW-1200-P

87



SW-1400

88



JF-2000
JM-2000

89



MULTIJET

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5



RD-302
RD-302-RAL

94



FA-400
FA-400-RAL
FA-400D
FA-400D-RAL
FA-400-A
FA-400-A-RAL
FA-400-F
FA-400-F-RAL
FA-400-A-F
FA-400-A-F-RAL

95

96

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98

99



FA-450-C
FA-450-C-RAL

100



VR-2100
VR-2150

101



FA-450
FA-450-RAL

100



FA-400-C
FA-400-C-RAL

100



NR-900
NR-900-RAL

102



SC-1500
SC-1550

103

6



DV

106



DR

106



FD/FD-MS

107



DG

108



DN

108



D

109



D-TS

109



FL/FC/FR

110



FG/FZ

111



PB
PB-I

112



ACDR
DG

114

115



KINHΘHΠΑΣ/
ELECTRIC ACTUATOR
ΘΕΡΜΟΣΤΑΤΗΣ/
THERMOSTAT
ΠΟΤΕΝΣΙΟΜΕΤΡΟ/
POTENSIOMETER

116



GRM-1
GRM-2

117





WR-150
WR-150-RAL
WR-150D
WR-150D-RAL
WR-150-A
WR-150-A-RAL
WR-150-F
WR-150-F-RAL
WR-150-A-F
WR-150-A-F-RAL

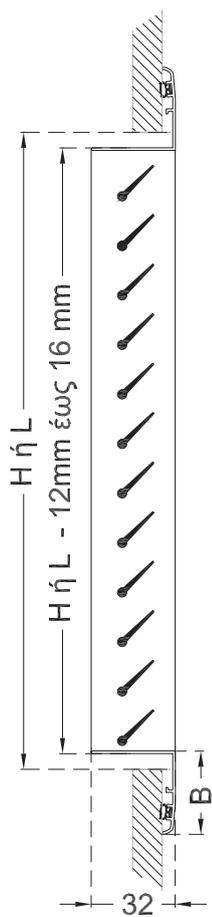
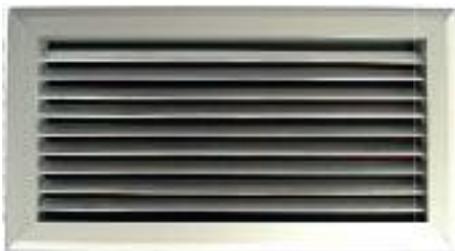
WS-101
WS-101-RAL
WS-101D
WS-101D-RAL
WS-101-A
WS-101-A-RAL
WS-101-F
WS-101-F-RAL
WS-101-A-F
WS-101-A-F-RAL

TS-101
TS-101-RAL
TS-101D
TS-101D-RAL

WS-102
WS-102-RAL
WS-102D
WS-102D-RAL
WS-102-A
WS-102-A-RAL
WS-102-F
WS-102-F-RAL
WS-102-A-F
WS-102-A-F-RAL

TS-102
TS-102-RAL
TS-102D
TS-102D-RAL

WR-150 WR-150-RAL



B: 32mm, 19mm

WR-150

στόμιο μίας σειράς σταθερών πτερυγίων
air grille with one row of fixed blades

	100	125	150	200	250	300	350	400	450	500
200	12.86	12.86	12.86	13.43						
250	12.86	12.86	12.86	13.81	15.73					
300	12.86	12.86	13.23	15.73	17.27	18.80				
350	12.86	13.81	15.16	16.50	18.80	20.74	22.26			
400	14.20	15.73	17.27	18.61	20.33	22.26	24.95	28.40		
450	16.50	17.27	17.85	20.16	22.26	24.56	28.40	31.65	34.93	
500	18.03	18.80	20.53	22.07	24.18	26.86	29.94	33.00	36.84	41.83
550	18.42	19.18	21.10	22.64	24.76	27.63	31.46	34.93	40.29	44.14
600	20.33	21.49	22.26	24.56	26.86	30.30	33.39	37.22	41.83	46.43
650	20.91	21.97	22.94	25.53	28.20	31.09	34.06	38.38	42.40	47.60
700	21.49	22.45	23.61	26.49	29.55	31.86	34.73	39.52	42.99	48.74
750	22.26	23.41	24.76	28.01	31.09	35.31	39.52	44.52	50.27	56.41
800	23.22	24.56	25.71	30.88	35.70	40.87	44.91	48.37	53.73	57.57
850	23.99	25.82	26.76	32.42	37.22	43.08	47.30	51.42	57.38	62.37
900	24.76	27.06	27.84	33.96	38.75	45.29	49.70	54.49	61.02	67.17
950	25.72	28.88	31.67	36.84	40.69	47.59	52.66	58.52	64.85	71.01
1000	26.68	30.71	35.50	39.72	42.60	49.88	55.64	62.57	68.70	74.83
1050	27.43	31.86	36.65	40.69	47.20	51.81	57.18	64.47	69.07	78.67
1100	28.20	33.00	37.81	42.22	49.13	53.73	58.15	66.40	73.29	80.59
1150	29.37	34.54	39.15	43.76	50.84	56.41	61.98	69.47	76.37	82.51
1200	30.30	35.70	41.26	46.43	51.44	58.34	64.86	72.92	80.59	88.26
1250	31.68	37.84	44.14	50.27	54.57	61.94	68.12	77.08	85.06	93.70
1300	33.07	39.97	47.01	54.12	57.71	65.54	71.38	81.23	89.55	99.14
1350	34.43	42.11	49.88	57.95	60.83	69.16	74.63	85.39	94.02	104.58
1400	35.82	44.26	52.77	61.79	63.97	72.75	77.90	89.55	98.49	110.01
1450	37.19	46.40	55.65	62.57	69.47	76.37	81.16	93.70	102.97	115.44
1500	38.55	48.53	58.52	65.68	72.82	79.98	84.43	97.87	107.45	120.98

WR-150-RAL

στόμιο μίας σειράς σταθερών πτερυγίων βαμμένο
air grille with one row of fixed blades in RAL colour

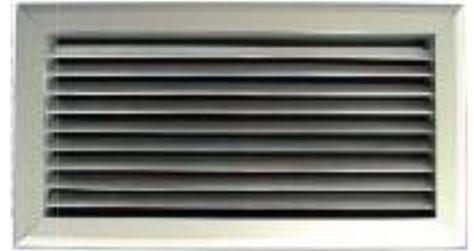
	100	125	150	200	250	300	350	400	450	500
200	21.04	21.04	21.04	21.61						
250	21.04	21.04	21.04	21.99	23.90					
300	21.04	21.04	21.42	23.90	25.44	26.98				
350	21.04	21.99	23.33	24.67	26.98	28.91	30.44			
400	22.39	23.90	25.44	26.77	28.51	30.44	33.12	36.59		
450	24.67	25.44	26.04	28.34	30.44	32.75	36.59	39.83	43.10	
500	26.21	26.98	28.71	30.24	32.36	35.05	38.12	41.18	45.02	50.02
550	26.61	27.37	29.28	30.82	32.93	35.82	39.64	43.10	48.48	52.32
600	28.51	29.67	30.44	32.75	35.05	38.49	41.56	45.41	50.02	54.62
650	29.08	30.15	31.11	33.70	36.39	39.27	42.23	46.55	50.59	55.77
700	29.67	30.62	31.78	34.66	37.73	40.04	42.91	47.71	51.17	56.92
750	30.44	31.59	32.93	36.19	39.27	43.49	47.71	52.70	58.45	64.59
800	31.39	32.75	33.88	39.06	43.87	49.05	53.09	56.54	61.91	65.74
850	32.16	33.99	34.95	40.60	45.41	51.26	55.48	59.60	65.56	70.55
900	32.93	35.22	36.00	42.14	46.94	53.47	57.87	62.67	69.19	75.35
950	33.89	37.06	39.84	45.02	48.86	55.76	60.84	66.70	73.03	79.18
1000	34.86	38.88	43.67	47.90	50.78	58.06	63.82	70.74	76.88	83.02
1050	35.62	40.04	44.84	48.86	55.38	59.98	65.36	72.66	77.25	86.84
1100	36.39	41.18	45.98	50.40	57.29	61.91	66.33	74.58	81.48	88.77
1150	37.53	42.72	47.32	51.94	59.03	64.59	70.17	77.64	84.56	90.77
1200	38.49	43.87	49.43	54.62	59.62	66.51	73.04	81.10	88.77	97.10
1250	39.86	46.00	52.32	58.45	62.74	70.12	76.30	85.26	93.58	103.08
1300	41.25	48.16	55.19	62.29	65.89	73.72	79.56	89.42	98.49	109.07
1350	42.61	50.29	58.07	66.13	69.01	77.34	82.82	93.93	103.42	115.03
1400	43.99	52.44	60.95	69.96	72.15	80.94	86.09	98.49	108.34	121.01
1450	45.38	54.58	63.82	70.73	77.63	84.55	89.34	103.08	113.27	126.99
1500	46.74	56.72	66.70	73.85	81.00	88.15	92.87	107.65	118.19	132.97

WR-150D

στόμιο μίας σειράς σταθερών πτερυγίων με διάφραγμα
air grille with one row of fixed blades with damper

	100	125	150	200	250	300	350	400	450	500
200	23.22	23.22	23.22	24.38						
250	23.22	23.22	23.22	25.12	28.78					
300	23.22	23.22	24.18	28.20	31.46	34.15				
350	23.22	25.12	27.63	29.94	34.15	37.62	41.26			
400	26.10	28.78	31.46	34.15	37.04	40.69	45.66	52.02		
450	30.30	32.81	35.11	37.04	40.69	44.91	52.02	57.38	64.09	
500	32.81	33.96	37.04	39.92	43.56	48.94	55.07	60.25	66.96	76.57
550	33.78	35.50	38.39	41.06	44.91	50.65	57.38	63.90	73.69	83.27
600	36.84	38.96	40.69	44.91	50.65	55.84	61.59	68.30	76.57	86.15
650	37.98	40.11	41.83	45.20	50.94	56.23	62.37	69.75	78.39	88.76
700	39.15	41.26	42.99	45.48	51.24	56.62	63.14	71.19	80.22	91.34
750	40.29	42.78	45.09	51.24	57.57	64.47	74.06	83.48	94.03	106.32
800	42.40	44.52	46.83	56.21	65.62	74.83	86.55	92.10	100.75	108.23
850	43.66	46.82	49.03	58.90	68.99	79.16	90.28	98.44	108.03	118.59
900	44.91	49.13	51.24	61.59	72.35	83.48	94.03	104.78	115.32	128.95
950	46.54	52.48	56.51	66.86	76.37	88.17	99.88	111.77	123.48	139.70
1000	48.17	55.84	61.80	72.14	80.40	92.87	105.72	118.78	131.63	150.44
1050	50.08	58.34	66.76	74.63	86.55	95.94	109.57	123.18	135.65	151.01
1100	51.44	59.87	68.70	77.90	88.09	99.58	112.84	126.65	139.70	154.09
1150	53.73	62.74	71.38	80.01	89.03	103.05	118.00	132.41	146.61	160.80
1200	55.28	65.04	75.03	85.01	94.97	109.57	123.76	138.53	155.22	170.19
1250	57.76	68.88	80.17	90.28	100.47	115.97	130.99	147.10	164.35	180.79
1300	60.26	72.72	85.33	95.56	105.98	122.36	138.22	155.69	173.47	191.37
1350	62.74	76.56	90.48	100.83	111.47	128.76	145.44	164.26	182.58	201.95
1400	65.24	80.40	95.63	106.11	116.98	135.16	152.67	172.83	191.70	212.54
1450	67.74	84.24	100.77	111.38	122.50	141.54	159.92	181.40	200.81	223.12
1500	70.23	88.09	105.92	116.66	127.98	147.94	167.14	189.97	209.92	233.69

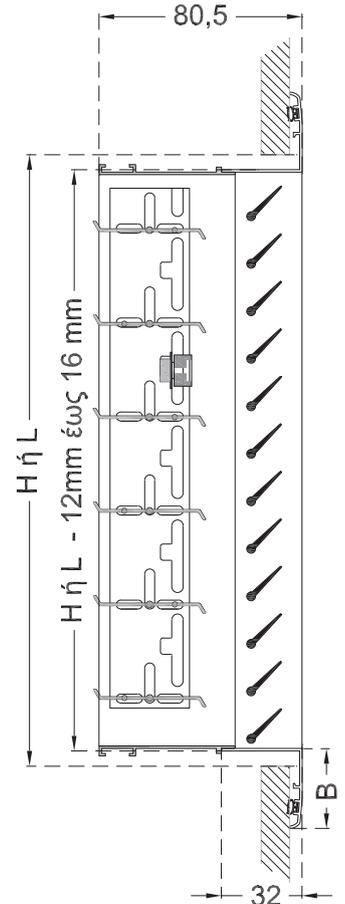
WR-150D WR-150D-RAL



WR-150D-RAL

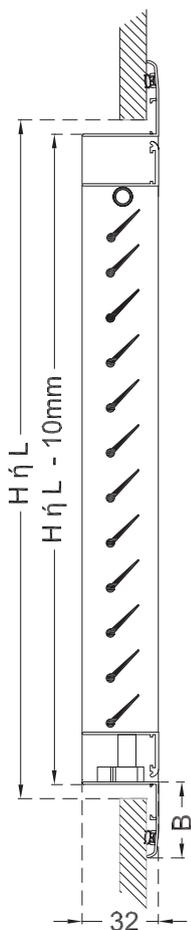
στόμιο μίας σειράς σταθερών πτερυγίων με διάφραγμα βαμμένο
air grille with one row of fixed blades with damper in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	31.39	31.39	31.39	32.55						
250	31.39	31.39	31.39	33.31	36.96					
300	31.39	31.39	32.36	36.39	39.64	42.33				
350	31.39	33.31	35.82	38.12	42.33	45.80	49.43			
400	34.29	36.96	39.64	42.33	45.21	48.86	53.85	60.19		
450	38.49	40.99	43.30	45.21	48.86	53.09	60.19	65.56	72.27	
500	40.99	42.14	45.21	48.09	51.74	57.12	63.25	68.42	75.14	84.76
550	41.97	43.67	46.57	49.25	53.09	58.83	65.56	72.07	81.87	91.45
600	45.02	47.15	48.86	53.09	58.83	64.02	69.77	76.48	84.76	94.34
650	46.17	48.29	50.02	53.38	59.13	64.40	70.55	77.92	86.57	96.93
700	47.32	49.43	51.17	53.66	59.41	64.80	71.32	79.38	88.40	99.53
750	48.48	50.96	53.27	59.41	65.74	72.66	82.25	91.65	102.21	114.49
800	50.59	52.70	55.01	64.39	73.80	83.02	94.71	100.28	108.92	116.41
850	51.84	54.99	57.20	67.08	77.15	87.34	98.46	106.62	116.22	126.76
900	53.09	57.29	59.41	69.77	80.52	91.65	102.21	112.96	123.51	137.13
950	54.71	60.65	64.69	75.04	84.56	96.35	108.06	119.96	131.65	147.87
1000	56.35	64.02	69.97	80.32	88.57	101.05	113.91	126.96	139.81	158.62
1050	58.27	66.51	74.94	82.82	94.71	104.13	117.76	131.35	143.84	159.19
1100	59.62	68.05	76.88	86.09	96.25	107.77	121.01	134.84	147.87	162.27
1150	61.91	70.93	79.56	88.20	97.22	111.23	126.18	140.59	154.78	169.05
1200	63.45	73.23	83.22	93.17	103.15	117.76	131.94	146.72	163.41	179.02
1250	65.95	77.06	88.35	98.45	108.66	124.15	139.17	155.29	172.85	190.15
1300	68.44	80.91	93.50	103.74	114.17	130.54	146.40	163.86	182.41	201.28
1350	70.93	84.73	98.66	109.01	119.66	136.94	153.63	172.80	191.98	212.41
1400	73.41	88.57	103.81	114.29	125.17	143.33	160.85	181.79	201.54	223.54
1450	75.92	92.42	108.96	119.56	130.66	149.72	168.09	190.77	211.10	234.66
1500	78.41	96.25	114.10	124.84	136.17	156.11	175.58	199.76	220.67	245.78



B: 32mm, 19mm

WR-150-A WR-150-A-RAL



B: 32mm, 19mm

WR-150-A

στόμιο μίας σειράς σταθερών πτερυγίων ανοιγόμενο
air grille with one row of fixed blades - accessible

	100	125	150	200	250	300	350	400	450	500
200	18.38	18.38	18.38	19.20						
250	18.38	18.38	18.38	19.72	22.48					
300	18.38	18.38	18.90	22.48	24.67	26.87				
350	18.38	19.72	21.66	23.57	26.87	29.61	31.79			
400	20.30	22.48	24.67	26.58	29.06	31.79	35.65	40.58		
450	23.57	24.67	25.50	28.79	31.79	35.09	40.58	45.21	49.88	
500	25.77	26.87	29.31	31.51	34.55	38.38	42.77	47.16	52.61	59.76
550	26.31	27.40	30.16	32.36	35.38	39.48	44.96	49.88	57.57	63.06
600	29.06	30.70	31.79	35.09	38.38	43.30	47.70	53.18	59.76	66.35
650	29.88	31.38	32.76	36.48	40.29	44.41	48.65	54.82	60.59	68.00
700	30.70	32.08	33.71	37.85	42.21	45.51	49.61	56.47	61.40	69.64
750	31.79	33.45	35.38	40.01	44.41	50.46	56.47	63.59	71.81	80.59
800	33.18	35.09	36.72	44.11	50.98	58.39	64.16	69.08	76.77	82.25
850	34.28	36.87	38.25	46.31	53.17	61.53	67.57	73.47	81.96	89.10
900	35.38	38.65	39.77	48.51	55.37	64.69	70.99	77.85	87.16	95.95
950	36.74	41.26	45.24	52.62	58.12	67.97	75.24	83.61	92.65	101.43
1000	38.10	43.87	50.71	56.75	60.86	71.27	79.49	89.38	98.14	106.90
1050	39.19	45.51	52.37	58.10	67.45	74.01	81.69	92.10	98.68	112.38
1100	40.29	47.16	54.01	60.30	70.17	76.77	83.06	94.86	104.70	115.14
1150	41.95	49.36	55.91	62.50	72.66	80.59	88.56	99.24	109.10	117.88
1200	43.30	50.98	58.95	66.35	73.48	83.35	92.66	104.18	115.14	126.09
1250	45.27	54.05	63.05	71.83	77.96	88.49	97.32	110.11	121.53	133.86
1300	47.22	57.10	67.17	77.32	82.43	93.65	101.98	116.04	127.92	141.62
1350	49.19	60.17	71.27	82.80	86.91	98.80	106.63	121.99	134.31	149.39
1400	51.16	63.23	75.38	88.28	91.38	103.96	111.29	127.92	140.71	157.16
1450	53.13	66.29	79.50	89.36	99.24	109.11	115.95	133.86	147.10	164.92
1500	55.09	69.35	83.60	97.15	107.03	114.26	120.59	139.79	153.49	172.69

WR-150-A-RAL

στόμιο μίας σειράς σταθερών πτερυγίων ανοιγόμενο βαμμένο
air grille with one row of fixed blades - accessible in RAL colour

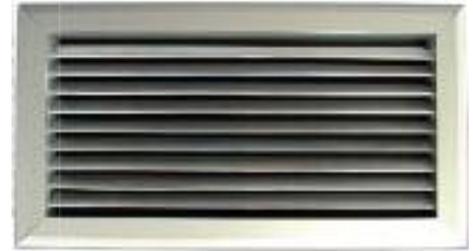
	100	125	150	200	250	300	350	400	450	500
200	27.72	27.72	27.72	28.55						
250	27.72	27.72	27.72	29.07	31.82					
300	27.72	27.72	28.26	31.82	34.01	36.21				
350	27.72	29.07	31.00	32.92	36.21	38.96	41.15			
400	29.65	31.82	34.01	35.93	38.40	41.15	44.99	49.92		
450	32.92	34.01	34.85	38.15	41.15	44.44	49.92	54.57	59.25	
500	35.11	36.21	38.67	40.87	43.89	47.72	52.11	56.50	61.96	69.11
550	35.66	36.75	39.50	41.70	44.72	48.82	54.30	59.25	66.91	72.40
600	38.40	40.05	41.15	44.44	47.72	52.65	57.05	62.53	69.11	75.69
650	39.22	40.73	42.10	45.82	49.64	53.75	58.00	64.17	69.94	77.34
700	40.05	41.42	43.07	47.19	51.57	54.86	58.96	65.81	70.75	78.99
750	41.15	42.80	44.72	49.37	53.76	59.80	65.81	72.94	81.16	89.94
800	42.52	44.44	46.07	53.47	60.35	67.74	73.50	78.44	86.11	91.59
850	43.62	46.21	47.60	55.66	62.52	70.89	76.92	82.81	91.31	98.45
900	44.72	47.99	49.10	57.86	64.71	74.04	80.34	87.20	96.50	105.30
950	46.09	50.61	54.59	61.97	67.46	77.33	84.59	92.95	102.00	110.78
1000	47.47	53.21	60.06	66.09	70.21	80.61	88.84	98.72	107.48	116.25
1050	48.54	54.86	61.71	67.46	76.79	83.36	91.04	101.45	108.03	121.74
1100	49.64	56.50	63.36	69.66	79.51	86.11	92.40	104.20	114.06	124.48
1150	51.29	58.70	65.26	71.85	81.99	89.94	97.90	108.58	118.45	127.30
1200	52.65	60.35	68.29	75.69	82.83	92.69	102.00	113.53	124.48	136.18
1250	54.62	63.39	72.40	81.17	87.31	97.83	106.67	119.46	131.24	144.56
1300	56.58	66.46	76.51	86.66	91.78	102.99	111.32	125.40	138.16	152.96
1350	58.54	69.51	80.62	92.14	96.25	108.14	115.98	131.75	145.06	161.35
1400	60.51	72.58	84.73	97.61	100.74	113.30	120.64	138.16	151.96	169.73
1450	62.48	75.64	88.84	98.70	108.58	118.45	125.29	144.56	158.86	178.12
1500	64.45	78.69	92.95	103.18	113.41	123.61	130.24	150.98	165.77	186.51

WR-150-F

στόμιο μίας σειράς σταθερών πτερυγίων με φίλτρο
air grille with one row of fixed blades with filter

	100	125	150	200	250	300	350	400	450	500
200	17.90	17.90	17.90	18.80						
250	17.90	17.90	17.90	20.53	24.12					
300	17.90	17.90	19.27	23.79	27.35	30.90				
350	17.90	19.45	22.21	25.89	30.56	34.84	38.71			
400	19.57	22.19	25.33	29.34	33.77	38.38	43.76	49.88		
450	22.54	24.53	26.91	32.25	37.38	42.70	49.54	55.84	62.13	
500	24.76	26.87	30.60	35.50	40.98	47.01	53.43	59.85	67.06	75.41
550	25.82	28.04	32.19	37.41	43.24	49.80	57.32	64.47	73.55	81.07
600	28.40	31.16	34.34	40.69	47.01	54.49	61.59	69.47	78.11	86.72
650	29.65	32.44	36.04	42.99	50.04	57.28	64.61	73.29	81.70	91.24
700	30.88	33.74	37.71	45.30	53.05	60.06	67.64	77.14	85.29	95.76
750	32.33	35.50	39.88	48.17	56.27	65.53	74.79	84.81	95.60	106.78
800	33.96	37.45	41.82	52.37	62.56	73.11	82.52	91.34	102.09	111.30
850	35.41	39.51	43.89	55.26	65.76	77.33	87.26	97.10	108.76	119.45
900	36.85	41.56	45.96	58.15	68.97	81.55	92.00	102.85	115.41	127.62
950	38.49	44.19	50.81	62.36	72.58	85.87	97.33	109.57	122.28	134.82
1000	40.11	46.83	55.65	66.58	76.18	90.18	102.65	116.30	129.14	142.00
1050	41.54	48.77	57.80	68.89	82.47	94.12	106.55	120.88	132.54	149.18
1100	42.98	50.73	59.97	71.78	86.05	98.04	109.86	125.50	139.78	154.46
1150	44.81	53.08	62.30	74.66	89.46	102.76	116.06	131.24	145.88	159.74
1200	46.42	55.04	65.43	78.67	91.73	106.69	121.28	137.40	153.13	168.86
1250	48.48	57.98	69.31	83.84	96.55	112.32	126.88	144.23	160.62	177.66
1300	50.52	60.93	73.22	89.03	101.35	117.93	132.49	151.09	168.12	186.45
1350	52.58	63.89	77.10	94.22	106.16	123.55	138.11	157.93	175.61	195.24
1400	54.62	66.82	80.98	99.38	110.98	129.18	143.71	164.76	183.13	204.04
1450	56.67	69.77	84.87	104.58	115.79	134.79	149.33	171.61	190.62	212.83
1500	58.72	72.72	88.74	109.76	120.59	140.43	154.94	178.45	198.12	221.63

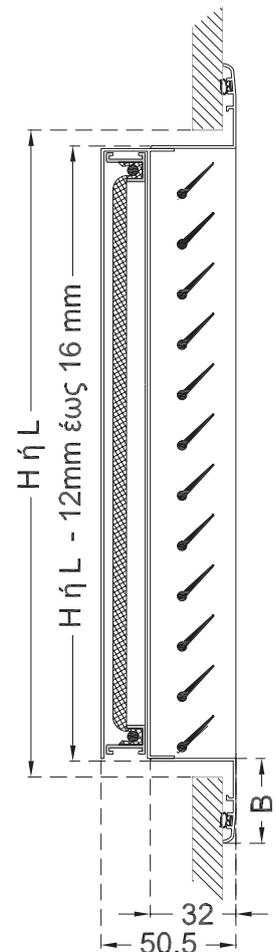
WR-150-F WR-150-F-RAL



WR-150-F-RAL

στόμιο μίας σειράς σταθερών πτερυγίων με φίλτρο βαμμένο
air grille with one row of fixed blades with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	26.08	26.08	26.08	26.98						
250	26.08	26.08	26.08	28.71	32.31					
300	26.08	26.08	27.45	31.98	35.53	39.07				
350	26.08	27.63	30.39	34.08	38.74	43.02	46.88			
400	27.75	30.35	33.52	37.52	41.95	46.55	51.94	58.06		
450	30.72	32.71	35.09	40.43	45.55	50.86	57.73	64.02	70.30	
500	32.93	35.06	38.78	43.67	49.16	55.19	61.61	68.03	75.23	83.59
550	33.99	36.21	40.36	45.60	51.41	57.97	65.49	72.66	81.72	89.25
600	36.59	39.33	42.53	48.86	55.19	62.67	69.77	77.64	86.28	94.91
650	37.83	40.62	44.20	51.17	58.21	65.46	72.80	81.48	89.88	99.43
700	39.06	41.91	45.88	53.48	61.24	68.24	75.82	85.33	93.48	103.93
750	40.51	43.67	48.05	56.35	64.45	73.70	82.96	92.99	103.78	114.96
800	42.14	45.64	50.00	60.54	70.73	81.28	90.71	99.53	110.26	119.47
850	43.58	47.70	52.07	63.43	73.94	85.50	95.45	105.27	116.93	127.63
900	45.03	49.74	54.14	66.33	77.15	89.73	100.19	111.02	123.58	135.79
950	46.65	52.37	58.98	70.53	80.76	94.04	105.51	117.76	130.45	142.99
1000	48.29	55.01	63.83	74.77	84.36	98.36	110.82	124.47	137.32	150.18
1050	49.72	56.96	65.98	77.07	90.65	102.30	114.71	129.06	140.72	157.37
1100	51.16	58.92	68.16	79.95	94.24	106.23	118.03	133.67	147.96	162.64
1150	52.99	61.26	70.49	82.83	97.65	110.93	124.23	139.43	154.07	167.99
1200	54.60	63.23	73.61	86.84	99.91	114.87	129.45	145.59	161.30	177.68
1250	56.65	66.17	77.49	92.03	104.72	120.48	135.06	152.42	169.14	187.02
1300	58.71	69.11	81.38	97.21	109.54	126.12	140.67	159.26	177.08	196.36
1350	60.74	72.06	85.27	102.39	114.34	131.74	146.29	166.46	185.02	205.70
1400	62.80	75.01	89.16	107.57	119.15	137.37	151.89	173.72	192.96	215.04
1450	64.85	77.95	93.04	112.76	123.97	142.98	157.51	180.97	200.91	224.38
1500	66.90	80.91	96.92	117.93	128.78	148.61	163.38	188.23	208.87	233.72



B: 32mm, 19mm

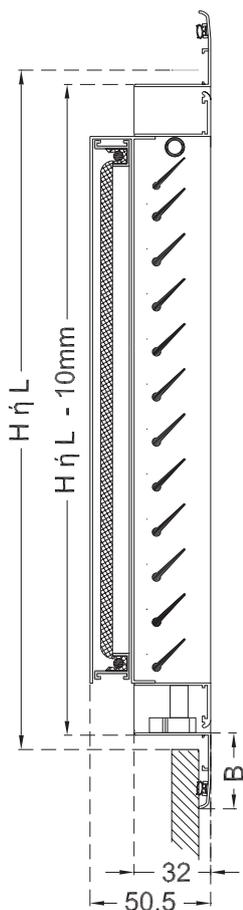
WR-150-A-F WR-150-A-F-RAL



WR-150-A-F

στόμιο μίας σειράς σταθερών πτερυγίων ανοιγόμενο με φίλτρο
air grille with one row of fixed blades- accessible with filter

	100	125	150	200	250	300	350	400	450	500
200	23.41	23.41	23.41	24.56						
250	23.41	23.41	23.41	26.43	30.87					
300	23.41	23.41	24.95	30.54	34.75	38.96				
350	23.41	25.60	28.71	32.98	38.62	43.71	48.26			
400	25.66	29.19	32.74	37.32	42.49	47.92	54.46	62.06		
450	29.62	32.23	34.56	40.88	46.92	53.22	61.72	69.40	77.10	
500	32.49	35.27	39.39	44.95	51.35	58.52	66.28	74.02	82.83	93.35
550	33.70	36.63	41.23	47.13	53.83	61.63	70.81	79.44	90.82	100.00
600	37.11	40.77	43.88	51.20	58.52	67.47	75.90	85.43	96.03	106.64
650	38.61	42.30	45.85	53.93	62.13	70.60	79.21	89.76	99.88	111.65
700	40.10	43.82	47.82	56.65	65.71	73.71	82.51	94.08	103.71	116.66
750	41.87	46.05	50.48	60.16	69.60	80.67	91.73	103.88	117.14	130.96
800	43.92	48.52	52.83	65.60	77.85	90.62	101.77	112.07	125.11	135.97
850	45.69	51.15	55.37	69.15	81.72	95.79	107.54	119.13	133.34	146.19
900	47.47	53.76	57.90	72.69	85.59	100.95	113.30	126.20	141.56	156.40
950	49.50	57.21	64.38	78.16	90.02	106.26	119.90	134.65	150.07	165.23
1000	51.53	60.65	70.85	83.61	94.45	111.56	126.50	143.10	158.59	174.06
1050	53.30	63.14	73.51	86.32	102.70	116.31	131.05	148.52	162.15	182.90
1100	55.07	65.62	76.16	89.85	107.11	121.09	134.77	153.96	171.19	189.01
1150	57.40	68.66	79.08	93.39	111.25	126.92	142.63	161.03	178.61	195.11
1200	59.41	71.14	83.13	98.58	113.77	131.69	149.07	168.64	187.67	206.69
1250	62.05	75.03	88.24	105.41	119.92	138.86	156.08	177.28	197.09	217.81
1300	64.69	78.94	93.36	112.23	126.08	146.04	163.09	185.90	206.49	228.94
1350	67.33	82.83	98.47	119.06	132.24	153.20	170.09	194.51	215.91	240.06
1400	69.96	86.73	103.59	125.88	138.40	160.37	177.11	203.14	225.34	251.19
1450	72.60	90.64	108.70	132.72	144.55	167.53	184.12	211.76	234.75	262.31
1500	75.24	94.53	113.82	139.53	150.71	174.70	191.13	220.40	244.17	273.43



B: 32mm, 19mm

WR-150-A-F-RAL

στόμιο μίας σειράς σταθερών πτερυγίων ανοιγόμενο με φίλτρο βαμμένο
airgrille with one row of fixed blades-accessible with filter in RAL colour

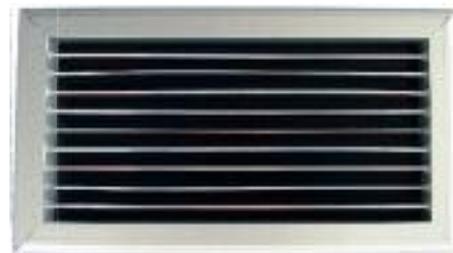
	100	125	150	200	250	300	350	400	450	500
200	32.76	32.76	32.76	33.92						
250	32.76	32.76	32.76	35.78	40.22					
300	32.76	32.76	34.30	39.88	44.09	48.30				
350	32.76	34.95	38.06	42.32	47.97	53.06	57.60			
400	35.01	38.53	42.08	46.66	51.83	57.27	63.80	71.41		
450	38.96	41.58	43.91	50.24	56.25	62.58	71.07	78.74	86.44	
500	41.83	44.62	48.74	54.30	60.69	67.87	75.62	83.36	92.19	102.70
550	43.05	45.98	50.59	56.47	63.18	70.99	80.16	88.79	100.16	109.35
600	46.46	50.13	53.24	60.57	67.87	76.82	85.25	94.78	105.38	115.98
650	47.95	51.65	55.20	63.28	71.47	79.94	88.56	99.10	109.22	120.99
700	49.46	53.17	57.17	66.00	75.06	83.06	91.87	103.43	113.07	125.99
750	51.22	55.40	59.83	69.51	78.94	90.01	101.08	113.23	126.50	140.31
800	53.26	57.87	62.18	74.95	87.21	99.98	111.12	121.42	134.46	145.32
850	55.03	60.49	64.71	78.50	91.07	105.14	116.89	128.49	142.68	155.53
900	56.80	63.12	67.25	82.04	94.94	110.31	122.65	135.55	150.92	165.75
950	58.85	66.56	73.72	87.49	99.36	115.60	129.24	144.00	159.42	174.58
1000	60.90	70.02	80.21	92.95	103.80	120.91	135.85	152.45	167.94	183.40
1050	62.65	72.49	82.87	95.67	112.05	125.66	140.39	157.86	171.50	192.25
1100	64.42	74.97	85.51	99.21	116.46	130.44	144.12	163.31	180.53	198.36
1150	66.74	78.01	88.43	102.75	120.62	136.28	151.96	170.38	187.96	204.54
1200	68.77	80.49	92.47	107.92	123.12	141.05	158.42	178.00	197.02	216.78
1250	71.40	84.38	97.58	114.75	129.28	148.21	165.43	186.61	206.80	228.52
1300	74.04	88.28	102.71	121.57	135.43	155.39	172.45	195.24	216.73	240.27
1350	76.68	92.19	107.82	128.40	141.59	162.55	179.45	204.27	226.66	252.01
1400	79.32	96.08	112.95	135.22	147.74	169.72	186.45	213.37	236.58	263.76
1450	81.95	99.99	118.06	142.05	153.89	176.89	193.46	222.48	246.51	275.49
1500	84.59	103.88	123.18	148.87	160.06	184.05	200.77	231.57	256.43	287.24

WS-101

στόμιο μίας σειράς κινητών πτερυγίων
air grille with one row of adjustable blades

	100	125	150	200	250	300	350	400	450	500
200	12.86	12.86	12.86	13.43						
250	12.86	12.86	12.86	13.81	15.73					
300	12.86	12.86	13.23	15.73	17.27	18.80				
350	12.86	13.81	15.16	16.50	18.80	20.74	22.26			
400	14.20	15.73	17.27	18.61	20.33	22.26	24.95	28.40		
450	16.50	17.27	17.85	20.16	22.26	24.56	28.40	31.65	34.93	
500	18.03	18.80	20.53	22.07	24.18	26.86	29.94	33.00	36.84	41.83
550	18.42	19.18	21.10	22.64	24.76	27.63	31.46	34.93	40.29	44.14
600	20.33	21.49	22.26	24.56	26.86	30.30	33.39	37.22	41.83	46.43
650	20.91	21.97	22.94	25.53	28.20	31.09	34.06	38.38	42.40	47.60
700	21.49	22.45	23.61	26.49	29.55	31.86	34.73	39.52	42.99	48.74
750	22.26	23.41	24.76	28.01	31.09	35.31	39.52	44.52	50.27	56.41
800	23.22	24.56	25.71	30.88	35.70	40.87	44.91	48.37	53.73	57.57
850	23.99	25.82	26.76	32.42	37.22	43.08	47.30	51.42	57.38	62.37
900	24.76	27.06	27.84	33.96	38.75	45.29	49.70	54.49	61.02	67.17
950	25.72	28.88	31.67	36.84	40.69	47.59	52.66	58.52	64.85	71.01
1000	26.68	30.71	35.50	39.72	42.60	49.88	55.64	62.57	68.70	74.83
1050	27.43	31.86	36.65	40.69	47.20	51.81	57.18	64.47	69.07	78.67
1100	28.20	33.00	37.81	42.22	49.13	53.73	58.15	66.40	73.29	80.59
1150	29.37	34.54	39.15	43.76	50.84	56.41	61.98	69.47	76.37	82.51
1200	30.30	35.70	41.26	46.43	51.44	58.34	64.86	72.92	80.59	88.26
1250	31.68	37.84	44.14	50.27	54.57	61.94	68.12	77.08	85.06	93.70
1300	33.07	39.97	47.01	54.12	57.71	65.54	71.38	81.23	89.55	99.14
1350	34.43	42.11	49.88	57.95	60.83	69.16	74.63	85.39	94.02	104.58
1400	35.82	44.26	52.77	61.79	63.97	72.75	77.90	89.55	98.49	110.01
1450	37.19	46.40	55.65	62.57	69.47	76.37	81.16	93.70	102.97	115.44
1500	38.55	48.53	58.52	65.68	72.82	79.98	84.43	97.87	107.45	120.98

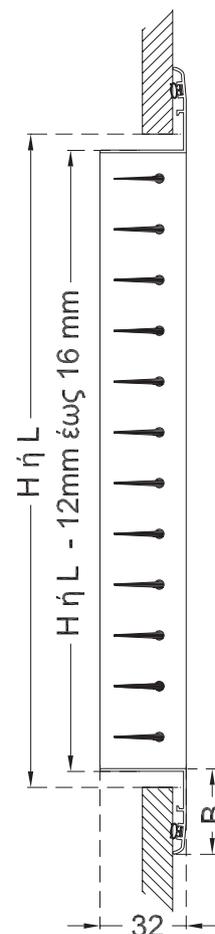
WS-101 WS-101-RAL



WS-101-RAL

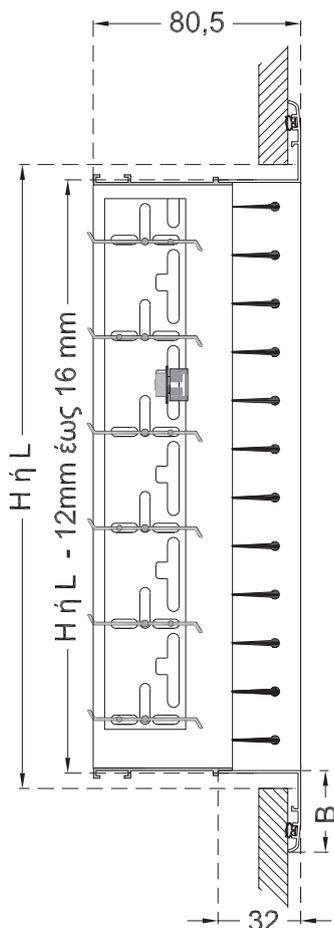
στόμιο μίας σειράς κινητών πτερυγίων βαμμένο
air grille with one row of adjustable blades in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	21.04	21.04	21.04	21.61						
250	21.04	21.04	21.04	21.99	23.90					
300	21.04	21.04	21.42	23.90	25.44	26.98				
350	21.04	21.99	23.33	24.67	26.98	28.91	30.44			
400	22.39	23.90	25.44	26.77	28.51	30.44	33.12	36.59		
450	24.67	25.44	26.04	28.34	30.44	32.75	36.59	39.83	43.10	
500	26.21	26.98	28.71	30.24	32.36	35.05	38.12	41.18	45.02	50.02
550	26.61	27.37	29.28	30.82	32.93	35.82	39.64	43.10	48.48	52.32
600	28.51	29.67	30.44	32.75	35.05	38.49	41.56	45.41	50.02	54.62
650	29.08	30.15	31.11	33.70	36.39	39.27	42.23	46.55	50.59	55.77
700	29.67	30.62	31.78	34.66	37.73	40.04	42.91	47.71	51.17	56.92
750	30.44	31.59	32.93	36.19	39.27	43.49	47.71	52.70	58.45	64.59
800	31.39	32.75	33.88	39.06	43.87	49.05	53.09	56.54	61.91	65.74
850	32.16	33.99	34.95	40.60	45.41	51.26	55.48	59.60	65.56	70.55
900	32.93	35.22	36.00	42.14	46.94	53.47	57.87	62.67	69.19	75.35
950	33.89	37.06	39.84	45.02	48.86	55.76	60.84	66.70	73.03	79.18
1000	34.86	38.88	43.67	47.90	50.78	58.06	63.82	70.74	76.88	83.02
1050	35.62	40.04	44.84	48.86	55.38	59.98	65.36	72.66	77.25	86.84
1100	36.39	41.18	45.98	50.40	57.29	61.91	66.33	74.58	81.48	88.77
1150	37.53	42.72	47.32	51.94	59.03	64.59	70.17	77.64	84.56	90.77
1200	38.49	43.87	49.43	54.62	59.62	66.51	73.04	81.10	88.77	97.10
1250	39.86	46.00	52.32	58.45	62.74	70.12	76.30	85.26	93.58	103.08
1300	41.25	48.16	55.19	62.29	65.89	73.72	79.56	89.42	98.49	109.07
1350	42.61	50.29	58.07	66.13	69.01	77.34	82.82	93.93	103.42	115.03
1400	43.99	52.44	60.95	69.96	72.15	80.94	86.09	98.49	108.34	121.01
1450	45.38	54.58	63.82	70.73	77.63	84.55	89.34	103.08	113.27	126.99
1500	46.74	56.72	66.70	73.85	81.00	88.15	92.87	107.65	118.19	132.97



B: 32mm, 19mm

WS-101D WS-101D-RAL



B: 32mm, 19mm

WS-101D

στόμιο μίας σειράς κινητών πτερυγίων με διάφραγμα
air grille with one row of adjustable blades with damper

	100	125	150	200	250	300	350	400	450	500
200	23.22	23.22	23.22	24.38						
250	23.22	23.22	23.22	25.12	28.78					
300	23.22	23.22	24.18	28.20	31.46	34.15				
350	23.22	25.12	27.63	29.94	34.15	37.62	41.26			
400	26.10	28.78	31.46	34.15	37.04	40.69	45.66	52.02		
450	30.30	32.81	35.11	37.04	40.69	44.91	52.02	57.38	64.09	
500	32.81	33.96	37.04	39.92	43.56	48.94	55.07	60.25	66.96	76.57
550	33.78	35.50	38.39	41.06	44.91	50.65	57.38	63.90	73.69	83.27
600	36.84	38.96	40.69	44.91	50.65	55.84	61.59	68.30	76.57	86.15
650	37.98	40.11	41.83	45.20	50.94	56.23	62.37	69.75	78.39	88.76
700	39.15	41.26	42.99	45.48	51.24	56.62	63.14	71.19	80.22	91.34
750	40.29	42.78	45.09	51.24	57.57	64.47	74.06	83.48	94.03	106.32
800	42.40	44.52	46.83	56.21	65.62	74.83	86.55	92.10	100.75	108.23
850	43.66	46.82	49.03	58.90	68.99	79.16	90.28	98.44	108.03	118.59
900	44.91	49.13	51.24	61.59	72.35	83.48	94.03	104.78	115.32	128.95
950	46.54	52.48	56.51	66.86	76.37	88.17	99.88	111.77	123.48	139.70
1000	48.17	55.84	61.80	72.14	80.40	92.87	105.72	118.78	131.63	150.44
1050	50.08	58.34	66.76	74.63	86.55	95.94	109.57	123.18	135.65	151.01
1100	51.44	59.87	68.70	77.90	88.09	99.58	112.84	126.65	139.70	154.09
1150	53.73	62.74	71.38	80.01	89.03	103.05	118.00	132.41	146.61	160.80
1200	55.28	65.04	75.03	85.01	94.97	109.57	123.76	138.53	155.22	170.19
1250	57.76	68.88	80.17	90.28	100.47	115.97	130.99	147.10	164.35	180.79
1300	60.26	72.72	85.33	95.56	105.98	122.36	138.22	155.69	173.47	191.37
1350	62.74	76.56	90.48	100.83	111.47	128.76	145.44	164.26	182.58	201.95
1400	65.24	80.40	95.63	106.11	116.98	135.16	152.67	172.83	191.70	212.54
1450	67.74	84.24	100.77	111.38	122.50	141.54	159.92	181.40	200.81	223.12
1500	70.23	88.09	105.92	116.66	127.98	147.94	167.14	189.97	209.92	233.69

WS-101D-RAL

στόμιο μίας σειράς κινητών πτερυγίων με διάφραγμα βαμμένο
air grille with one row of adjustable blades with damper in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	31.39	31.39	31.39	32.55						
250	31.39	31.39	31.39	33.31	36.96					
300	31.39	31.39	32.36	36.39	39.64	42.33				
350	31.39	33.31	35.82	38.12	42.33	45.80	49.43			
400	34.29	36.96	39.64	42.33	45.21	48.86	53.85	60.19		
450	38.49	40.99	43.30	45.21	48.86	53.09	60.19	65.56	72.27	
500	40.99	42.14	45.21	48.09	51.74	57.12	63.25	68.42	75.14	84.76
550	41.97	43.67	46.57	49.25	53.09	58.83	65.56	72.07	81.87	91.45
600	45.02	47.15	48.86	53.09	58.83	64.02	69.77	76.48	84.76	94.34
650	46.17	48.29	50.02	53.38	59.13	64.40	70.55	77.92	86.57	96.93
700	47.32	49.43	51.17	53.66	59.41	64.80	71.32	79.38	88.40	99.53
750	48.48	50.96	53.27	59.41	65.74	72.66	82.25	91.65	102.21	114.49
800	50.59	52.70	55.01	64.39	73.80	83.02	94.71	100.28	108.92	116.41
850	51.84	54.99	57.20	67.08	77.15	87.34	98.46	106.62	116.22	126.76
900	53.09	57.29	59.41	69.77	80.52	91.65	102.21	112.96	123.51	137.13
950	54.71	60.65	64.69	75.04	84.56	96.35	108.06	119.96	131.65	147.87
1000	56.35	64.02	69.97	80.32	88.57	101.05	113.91	126.96	139.81	158.62
1050	58.27	66.51	74.94	82.82	94.71	104.13	117.76	131.35	143.84	159.19
1100	59.62	68.05	76.88	86.09	96.25	107.77	121.01	134.84	147.87	162.27
1150	61.91	70.93	79.56	88.20	97.22	111.23	126.18	140.59	154.78	169.05
1200	63.45	73.23	83.22	93.17	103.15	117.76	131.94	146.72	163.41	179.02
1250	65.95	77.06	88.35	98.45	108.66	124.15	139.17	155.29	172.85	190.15
1300	68.44	80.91	93.50	103.74	114.17	130.54	146.40	163.86	182.41	201.28
1350	70.93	84.73	98.66	109.01	119.66	136.94	153.63	172.80	191.98	212.41
1400	73.41	88.57	103.81	114.29	125.17	143.33	160.85	181.79	201.54	223.54
1450	75.92	92.42	108.96	119.56	130.66	149.72	168.09	190.77	211.10	234.66
1500	78.41	96.25	114.10	124.84	136.17	156.11	175.58	199.76	220.67	245.78

WS-101-A

στόμιο μίας σειράς κινητών πτερυγίων ανοιγόμενο βαρμένο
air grille with one row of adjustable blades - accessible

	100	125	150	200	250	300	350	400	450	500
200	18.38	18.38	18.38	19.20						
250	18.38	18.38	18.38	19.72	22.48					
300	18.38	18.38	18.90	22.48	24.67	26.87				
350	18.38	19.72	21.66	23.57	26.87	29.61	31.79			
400	20.30	22.48	24.67	26.58	29.06	31.79	35.65	40.58		
450	23.57	24.67	25.50	28.79	31.79	35.09	40.58	45.21	49.88	
500	25.77	26.87	29.31	31.51	34.55	38.38	42.77	47.16	52.61	59.76
550	26.31	27.40	30.16	32.36	35.38	39.48	44.96	49.88	57.57	63.06
600	29.06	30.70	31.79	35.09	38.38	43.30	47.70	53.18	59.76	66.35
650	29.88	31.38	32.76	36.48	40.29	44.41	48.65	54.82	60.59	68.00
700	30.70	32.08	33.71	37.85	42.21	45.51	49.61	56.47	61.40	69.64
750	31.79	33.45	35.38	40.01	44.41	50.46	56.47	63.59	71.81	80.59
800	33.18	35.09	36.72	44.11	50.98	58.39	64.16	69.08	76.77	82.25
850	34.28	36.87	38.25	46.31	53.17	61.53	67.57	73.47	81.96	89.10
900	35.38	38.65	39.77	48.51	55.37	64.69	70.99	77.85	87.16	95.95
950	36.74	41.26	45.24	52.62	58.12	67.97	75.24	83.61	92.65	101.43
1000	38.10	43.87	50.71	56.75	60.86	71.27	79.49	89.38	98.14	106.90
1050	39.19	45.51	52.37	58.10	67.45	74.01	81.69	92.10	98.68	112.38
1100	40.29	47.16	54.01	60.30	70.17	76.77	83.06	94.86	104.70	115.14
1150	41.95	49.36	55.91	62.50	72.66	80.59	88.56	99.24	109.10	117.88
1200	43.30	50.98	58.95	66.35	73.48	83.35	92.66	104.18	115.14	126.09
1250	45.27	54.05	63.05	71.83	77.96	88.49	97.32	110.11	121.53	133.86
1300	47.22	57.10	67.17	77.32	82.43	93.65	101.98	116.04	127.92	141.62
1350	49.19	60.17	71.27	82.80	86.91	98.80	106.63	121.99	134.31	149.39
1400	51.16	63.23	75.38	88.28	91.38	103.96	111.29	127.92	140.71	157.16
1450	53.13	66.29	79.50	89.36	99.24	109.11	115.95	133.86	147.10	164.92
1500	55.09	69.35	83.60	97.15	107.03	114.26	120.59	139.79	153.49	172.69

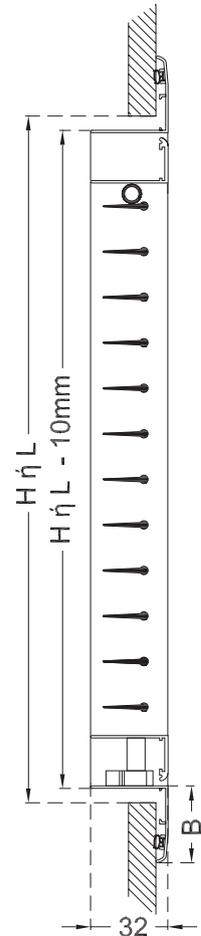
WS-101-A WS-101-A-RAL



WS-101-A-RAL

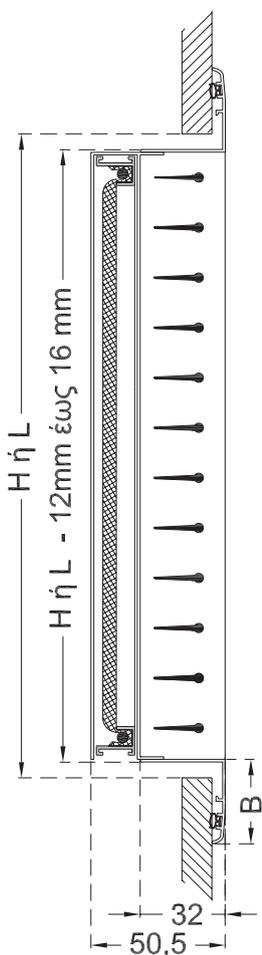
στόμιο μίας σειράς κινητών πτερυγίων ανοιγόμενο βαρμένο
air grille with one row of adjustable blades - accessible in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	27.72	27.72	27.72	28.55						
250	27.72	27.72	27.72	29.07	31.82					
300	27.72	27.72	28.26	31.82	34.01	36.21				
350	27.72	29.07	31.00	32.92	36.21	38.96	41.15			
400	29.65	31.82	34.01	35.93	38.40	41.15	44.99	49.92		
450	32.92	34.01	34.85	38.15	41.15	44.44	49.92	54.57	59.25	
500	35.11	36.21	38.67	40.87	43.89	47.72	52.11	56.50	61.96	69.11
550	35.66	36.75	39.50	41.70	44.72	48.82	54.30	59.25	66.91	72.40
600	38.40	40.05	41.15	44.44	47.72	52.65	57.05	62.53	69.11	75.69
650	39.22	40.73	42.10	45.82	49.64	53.75	58.00	64.17	69.94	77.34
700	40.05	41.42	43.07	47.19	51.57	54.86	58.96	65.81	70.75	78.99
750	41.15	42.80	44.72	49.37	53.76	59.80	65.81	72.94	81.16	89.94
800	42.52	44.44	46.07	53.47	60.35	67.74	73.50	78.44	86.11	91.59
850	43.62	46.21	47.60	55.66	62.52	70.89	76.92	82.81	91.31	98.45
900	44.72	47.99	49.10	57.86	64.71	74.04	80.34	87.20	96.50	105.30
950	46.09	50.61	54.59	61.97	67.46	77.33	84.59	92.95	102.00	110.78
1000	47.47	53.21	60.06	66.09	70.21	80.61	88.84	98.72	107.48	116.25
1050	48.54	54.86	61.71	67.46	76.79	83.36	91.04	101.45	108.03	121.74
1100	49.64	56.50	63.36	69.66	79.51	86.11	92.40	104.20	114.06	124.48
1150	51.29	58.70	65.26	71.85	81.99	89.94	97.90	108.58	118.45	127.30
1200	52.65	60.35	68.29	75.69	82.83	92.69	102.00	113.53	124.48	136.18
1250	54.62	63.39	72.40	81.17	87.31	97.83	106.67	119.46	131.24	144.56
1300	56.58	66.46	76.51	86.66	91.78	102.99	111.32	125.40	138.16	152.96
1350	58.54	69.51	80.62	92.14	96.25	108.14	115.98	131.75	145.06	161.35
1400	60.51	72.58	84.73	97.61	100.74	113.30	120.64	138.16	151.96	169.73
1450	62.48	75.64	88.84	98.70	108.58	118.45	125.29	144.56	158.86	178.12
1500	64.45	78.69	92.95	103.18	113.41	123.61	130.24	150.98	165.77	186.51



B: 32mm, 19mm

WS-101-F WS-101-F-RAL



B: 32mm, 19mm

WS-101-F

στόμιο μίας σειράς κινητών πτερυγίων με φίλτρο
air grille with one row of adjustable blades with filter

	100	125	150	200	250	300	350	400	450	500
200	17.90	17.90	17.90	18.80						
250	17.90	17.90	17.90	20.53	24.12					
300	17.90	17.90	19.27	23.79	27.35	30.90				
350	17.90	19.45	22.21	25.89	30.56	34.84	38.71			
400	19.57	22.19	25.33	29.34	33.77	38.38	43.76	49.88		
450	22.54	24.53	26.91	32.25	37.38	42.70	49.54	55.84	62.13	
500	24.76	26.87	30.60	35.50	40.98	47.01	53.43	59.85	67.06	75.41
550	25.82	28.04	32.19	37.41	43.24	49.80	57.32	64.47	73.55	81.07
600	28.40	31.16	34.34	40.69	47.01	54.49	61.59	69.47	78.11	86.72
650	29.65	32.44	36.04	42.99	50.04	57.28	64.61	73.29	81.70	91.24
700	30.88	33.74	37.71	45.30	53.05	60.06	67.64	77.14	85.29	95.76
750	32.33	35.50	39.88	48.17	56.27	65.53	74.79	84.81	95.60	106.78
800	33.96	37.45	41.82	52.37	62.56	73.11	82.52	91.34	102.09	111.30
850	35.41	39.51	43.89	55.26	65.76	77.33	87.26	97.10	108.76	119.45
900	36.85	41.56	45.96	58.15	68.97	81.55	92.00	102.85	115.41	127.62
950	38.49	44.19	50.81	62.36	72.58	85.87	97.33	109.57	122.28	134.82
1000	40.11	46.83	55.65	66.58	76.18	90.18	102.65	116.30	129.14	142.00
1050	41.54	48.77	57.80	68.89	82.47	94.12	106.55	120.88	132.54	149.18
1100	42.98	50.73	59.97	71.78	86.05	98.04	109.86	125.50	139.78	154.46
1150	44.81	53.08	62.30	74.66	89.46	102.76	116.06	131.24	145.88	159.74
1200	46.42	55.04	65.43	78.67	91.73	106.69	121.28	137.40	153.13	168.86
1250	48.48	57.98	69.31	83.84	96.55	112.32	126.88	144.23	160.62	177.66
1300	50.52	60.93	73.22	89.03	101.35	117.93	132.49	151.09	168.12	186.45
1350	52.58	63.89	77.10	94.22	106.16	123.55	138.11	157.93	175.61	195.24
1400	54.62	66.82	80.98	99.38	110.98	129.18	143.71	164.76	183.13	204.04
1450	56.67	69.77	84.87	104.58	115.79	134.79	149.33	171.61	190.62	212.83
1500	58.72	72.72	88.74	109.76	120.59	140.43	154.94	178.45	198.12	221.63

WS-101-F-RAL

στόμιο μίας σειράς κινητών πτερυγίων με φίλτρο βαμμένο
air grille with one row of adjustable blades with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	26.08	26.08	26.08	26.98						
250	26.08	26.08	26.08	28.71	32.31					
300	26.08	26.08	27.45	31.98	35.53	39.07				
350	26.08	27.63	30.39	34.08	38.74	43.02	46.88			
400	27.75	30.35	33.52	37.52	41.95	46.55	51.94	58.06		
450	30.72	32.71	35.09	40.43	45.55	50.86	57.73	64.02	70.30	
500	32.93	35.06	38.78	43.67	49.16	55.19	61.61	68.03	75.23	83.59
550	33.99	36.21	40.36	45.60	51.41	57.97	65.49	72.66	81.72	89.25
600	36.59	39.33	42.53	48.86	55.19	62.67	69.77	77.64	86.28	94.91
650	37.83	40.62	44.20	51.17	58.21	65.46	72.80	81.48	89.88	99.43
700	39.06	41.91	45.88	53.48	61.24	68.24	75.82	85.33	93.48	103.93
750	40.51	43.67	48.05	56.35	64.45	73.70	82.96	92.99	103.78	114.96
800	42.14	45.64	50.00	60.54	70.73	81.28	90.71	99.53	110.26	119.47
850	43.58	47.70	52.07	63.43	73.94	85.50	95.45	105.27	116.93	127.63
900	45.03	49.74	54.14	66.33	77.15	89.73	100.19	111.02	123.58	135.79
950	46.65	52.37	58.98	70.53	80.76	94.04	105.51	117.76	130.45	142.99
1000	48.29	55.01	63.83	74.77	84.36	98.36	110.82	124.47	137.32	150.18
1050	49.72	56.96	65.98	77.07	90.65	102.30	114.71	129.06	140.72	157.37
1100	51.16	58.92	68.16	79.95	94.24	106.23	118.03	133.67	147.96	162.64
1150	52.99	61.26	70.49	82.83	97.65	110.93	124.23	139.43	154.07	167.99
1200	54.60	63.23	73.61	86.84	99.91	114.87	129.45	145.59	161.30	177.68
1250	56.65	66.17	77.49	92.03	104.72	120.48	135.06	152.42	169.14	187.02
1300	58.71	69.11	81.38	97.21	109.54	126.12	140.67	159.26	177.08	196.36
1350	60.74	72.06	85.27	102.39	114.34	131.74	146.29	166.46	185.02	205.70
1400	62.80	75.01	89.16	107.57	119.15	137.37	151.89	173.72	192.96	215.04
1450	64.85	77.95	93.04	112.76	123.97	142.98	157.51	180.97	200.91	224.38
1500	66.90	80.91	96.92	117.93	128.78	148.61	163.38	188.23	208.87	233.72

WS-101-A-F

στόμιο μίας σειράς κινητών πτερυγίων ανοιγόμενο με φίλτρο
air grille with one row of adjustable blades - accessible with filter

	100	125	150	200	250	300	350	400	450	500
200	23.41	23.41	23.41	24.56						
250	23.41	23.41	23.41	26.43	30.87					
300	23.41	23.41	23.41	24.95	30.54	38.96				
350	23.41	25.60	28.71	32.98	38.62	43.71	48.26			
400	25.66	29.19	32.74	37.32	42.49	47.92	54.46	62.06		
450	29.62	32.23	34.56	40.88	46.92	53.22	61.72	64.02	77.10	
500	32.49	35.27	39.39	44.95	51.35	58.52	66.28	74.02	82.83	93.35
550	33.70	36.63	41.23	47.13	53.83	61.63	70.81	79.44	90.82	100.00
600	37.11	40.77	43.88	51.20	58.52	67.47	75.90	85.43	96.03	106.64
650	38.61	42.30	45.85	53.93	62.13	70.60	79.21	89.76	99.88	111.65
700	40.10	43.82	47.82	56.65	65.71	73.71	82.51	94.08	103.71	116.66
750	41.87	46.05	50.48	60.16	69.60	80.67	91.73	103.88	117.14	130.96
800	43.92	48.52	52.83	65.60	77.85	90.62	101.77	112.07	125.11	135.97
850	45.69	51.15	55.37	69.15	81.72	95.79	107.54	119.13	133.34	146.19
900	47.47	53.76	57.90	72.69	85.59	100.95	113.30	126.20	141.56	156.40
950	49.50	57.21	64.38	78.16	90.02	106.26	119.90	134.65	150.07	165.23
1000	51.53	60.65	70.85	83.61	94.45	111.56	126.50	143.10	158.59	174.06
1050	53.30	63.14	73.51	86.32	102.70	116.31	131.05	148.52	162.15	182.90
1100	55.07	65.62	76.16	89.85	107.11	121.09	134.77	153.96	171.19	189.01
1150	57.40	68.66	79.08	93.39	111.25	126.92	142.63	161.03	178.61	195.11
1200	59.41	71.14	83.13	98.58	113.77	131.69	149.07	168.64	187.67	206.69
1250	62.05	75.03	88.24	105.41	119.92	138.86	156.08	177.28	197.09	217.81
1300	64.69	78.94	93.36	112.23	126.08	146.04	163.09	185.90	206.49	228.94
1350	67.33	82.83	98.47	119.06	132.24	153.20	170.09	194.51	215.91	240.06
1400	69.96	86.73	103.59	125.88	138.40	160.37	177.11	203.14	225.34	251.19
1450	72.60	90.64	108.70	132.72	144.55	167.53	184.12	211.76	234.75	262.31
1500	75.24	94.53	113.82	139.53	150.71	174.70	191.13	220.40	244.17	273.43

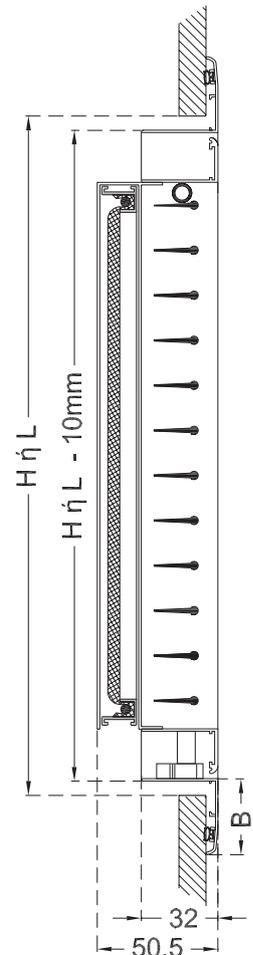
WS-101-A-F WS-101-A-F-RAL



WS-101-A-F-RAL

στόμιο μίας σειράς κινητών πτερυγίων ανοιγόμενο με φίλτρο βαμμένο
air grille with one row of adjustable blades - accessible with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	32.76	32.76	32.76	33.92						
250	32.76	32.76	32.76	35.78	40.22					
300	32.76	32.76	34.30	39.88	44.09	48.30				
350	32.76	34.95	38.06	42.32	47.97	53.06	57.60			
400	35.01	38.53	42.08	46.66	51.83	57.27	63.80	71.41		
450	38.96	41.58	43.91	50.24	56.25	62.58	71.07	78.74	86.44	
500	41.83	44.62	48.74	54.30	60.69	67.87	75.62	83.36	92.19	102.70
550	43.05	45.98	50.59	56.47	63.18	70.99	80.16	88.79	100.16	109.35
600	46.46	50.13	53.24	60.57	67.87	76.82	85.25	94.78	105.38	115.98
650	47.95	51.65	55.20	63.28	71.47	79.94	88.56	99.10	109.22	120.99
700	49.46	53.17	57.17	66.00	75.06	83.06	91.87	103.43	113.07	125.99
750	51.22	55.40	59.83	69.51	78.94	90.01	101.08	113.23	126.50	140.31
800	53.26	57.87	62.18	74.95	87.21	99.98	111.12	121.42	134.46	145.32
850	55.03	60.49	64.71	78.50	91.07	105.14	116.89	128.49	142.68	155.53
900	56.80	63.12	67.25	82.04	94.94	110.31	122.65	135.55	150.92	165.75
950	58.85	66.56	73.72	87.49	99.36	115.60	129.24	144.00	159.42	174.58
1000	60.90	70.02	80.21	92.95	103.80	120.91	135.85	152.45	167.94	183.40
1050	62.65	72.49	82.87	95.67	112.05	125.66	140.39	157.86	171.50	192.25
1100	64.42	74.97	85.51	99.21	116.46	130.44	144.12	163.31	180.53	198.36
1150	66.74	78.01	88.43	102.75	120.62	136.28	151.96	170.38	187.96	204.54
1200	68.77	80.49	92.47	107.92	123.12	141.05	158.42	178.00	197.02	216.78
1250	71.40	84.38	97.58	114.75	129.28	148.21	165.43	186.61	206.80	228.52
1300	74.04	88.28	102.71	121.57	135.43	155.39	172.45	195.24	216.73	240.27
1350	76.68	92.19	107.82	128.40	141.59	162.55	179.45	204.27	226.66	252.01
1400	79.32	96.08	112.95	135.22	147.74	169.72	186.45	213.37	236.58	263.76
1450	81.95	99.99	118.06	142.05	153.89	176.89	193.46	222.48	246.51	275.49
1500	84.59	103.88	123.18	148.87	160.06	184.05	200.77	231.57	256.43	287.24



B: 32mm, 19mm

TS-101 TS-101-RAL



TS-101

στόμιο στρογγυλού αεραγωγού
μίας σειράς κινητών πτερυγίων

air-grille with one row of
adjustable blades for round duct

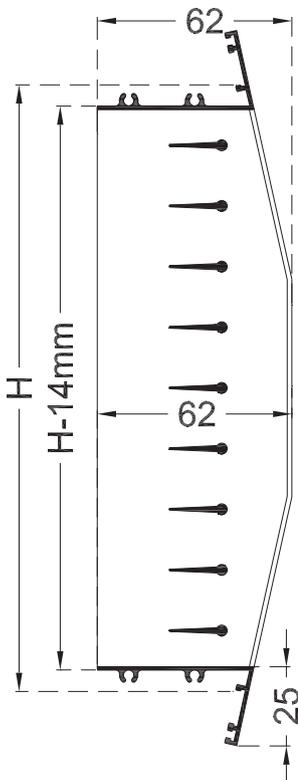
TS-101-RAL

στόμιο στρογγυλού αεραγωγού μίας
σειράς κινητών πτερυγίων βαμμένο

air-grille with one row of adjustable
blades for round duct in RAL colour

	75	115	195
200	23.15	23.15	24.17
250	23.15	23.15	24.86
300	23.15	23.15	28.31
350	23.15	24.86	29.70
400	25.56	28.31	33.50
450	29.70	31.09	36.29
500	32.45	33.84	39.73
550	33.16	34.52	40.75
600	36.59	38.68	44.21
650	37.64	39.60	45.90
700	38.70	40.41	47.68
750	40.07	42.14	50.40
800	41.80	44.21	55.58
850	43.20	46.48	58.36
900	44.57	48.71	61.20
950	46.35	51.98	66.31
1000	48.02	55.28	71.50
1050	49.37	57.35	73.24
1100	50.76	59.40	76.00
1150	52.87	62.17	78.77
1200	54.54	64.26	74.27
1250	57.02	68.11	90.49
1300	59.53	72.00	97.42
1350	61.97	75.80	104.31
1400	64.48	79.67	111.22
1450	66.94	85.52	112.63
1500	69.39	87.35	118.22

	75	115	195
200	32.00	32.00	33.02
250	32.00	32.00	33.71
300	32.00	32.00	37.16
350	32.00	33.71	38.55
400	34.41	37.16	42.35
450	38.55	39.94	45.14
500	41.30	42.69	48.58
550	42.01	43.37	49.60
600	45.44	47.53	53.06
650	46.49	48.45	54.75
700	47.55	49.26	56.53
750	48.92	50.99	59.25
800	50.65	53.06	64.43
850	52.05	55.33	67.21
900	53.42	57.56	70.05
950	55.20	60.83	75.16
1000	56.87	64.13	80.35
1050	58.22	66.20	82.09
1100	59.61	68.25	84.85
1150	61.72	71.02	87.62
1200	63.39	73.11	83.12
1250	65.87	76.96	99.34
1300	68.38	80.85	106.27
1350	70.82	84.65	113.16
1400	73.33	88.52	120.07
1450	75.79	94.37	121.48
1500	78.24	96.20	127.07



H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400

TS-101D

στόμιο κυκλικού αεραγωγού μίας σειράς κινητών πτερυγίων με διάφραγμα

air grille with one row of adjustable blades for circular duct with damper

	75	115	195
200	33.44	33.44	35.11
250	33.44	33.44	36.17
300	33.44	33.44	40.61
350	33.44	36.17	43.20
400	37.58	41.44	49.18
450	43.63	47.25	53.34
500	47.25	48.90	57.60
550	48.64	51.12	59.13
600	53.05	56.16	64.80
650	54.72	57.76	65.09
700	56.38	59.41	65.49
750	58.02	61.60	73.79
800	61.06	64.11	80.94
850	62.87	67.42	84.82
900	64.67	70.75	88.69
950	67.02	75.57	96.28
1000	69.36	80.41	103.88
1050	72.12	84.00	107.47
1100	74.07	86.21	112.18
1150	77.37	90.35	115.20
1200	79.60	93.66	122.41
1250	83.17	99.19	130.00
1300	86.77	104.72	137.61
1350	90.35	110.25	145.20
1400	93.95	115.78	152.80
1450	97.55	121.31	160.39
1500	101.13	126.85	168.00

TS-101D-RAL

στόμιο κυκλικού αεραγωγού μίας σειράς κινητών πτερυγίων με διάφραγμα βαμμένο

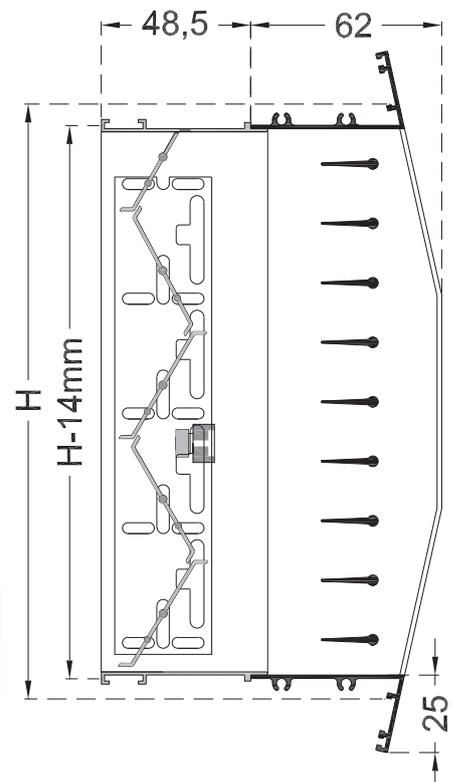
air grille with one row of adjustable blades for circular duct with damper in RAL colour

	75	115	195
200	42.29	42.29	43.96
250	42.29	42.29	45.02
300	42.29	42.29	49.46
350	42.29	45.02	52.05
400	46.43	50.29	58.03
450	52.48	56.10	62.19
500	56.10	57.75	66.45
550	57.49	59.97	67.98
600	61.90	65.01	73.65
650	63.57	66.61	73.94
700	65.23	68.26	74.34
750	66.87	70.45	82.64
800	69.91	72.96	89.79
850	71.72	76.27	93.67
900	73.52	79.60	97.54
950	75.87	84.42	105.13
1000	78.21	89.26	112.73
1050	80.97	92.85	116.32
1100	82.92	95.06	121.03
1150	86.22	99.20	124.05
1200	88.45	102.51	131.26
1250	92.02	108.04	138.85
1300	95.62	113.57	146.46
1350	99.20	119.10	154.05
1400	102.80	124.63	161.65
1450	106.40	130.16	169.24
1500	109.98	135.70	176.85

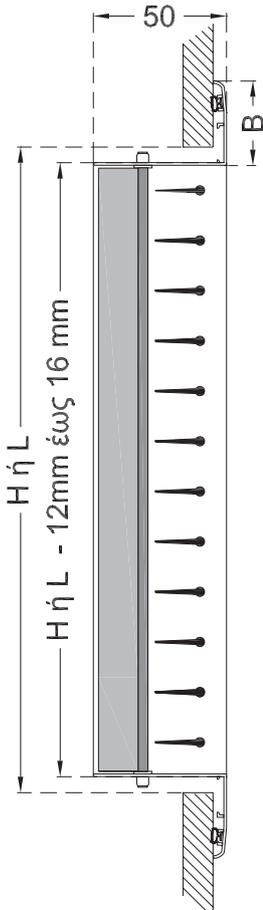
TS-101D TS-101D-RAL



H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400



WS-102 WS-102-RAL



B: 32mm, 19mm

WS-102

στόμιο δύο σειρών κινητών πτερυγίων
air grille with two rows of adjustable blades

	100	125	150	200	250	300	350	400	450	500
200	20.91	20.91	20.91	21.87						
250	20.91	20.91	20.91	22.64	25.90					
300	20.91	20.91	21.68	25.33	28.20	30.71				
350	20.91	22.64	24.76	26.86	30.71	33.78	36.84			
400	23.61	25.90	28.40	30.88	33.39	36.65	41.06	46.83		
450	27.06	28.20	29.37	33.39	36.65	40.49	46.83	51.81	57.75	
500	29.55	30.71	33.39	35.70	39.33	43.93	49.51	54.31	60.45	68.89
550	30.51	31.86	34.93	37.04	40.69	45.48	51.81	57.57	66.40	75.03
600	33.39	35.11	36.65	40.49	45.48	52.20	55.28	61.41	68.89	77.52
650	34.54	37.04	39.33	43.37	48.64	54.88	59.59	66.40	74.45	83.57
700	35.70	38.96	42.02	46.24	51.81	57.57	63.90	71.38	80.01	89.62
750	37.04	41.06	44.52	49.30	54.88	61.59	68.30	76.37	85.39	95.74
800	38.39	42.99	47.20	52.20	57.95	65.43	72.72	81.36	90.77	101.89
850	39.63	45.00	49.88	55.07	61.12	69.18	77.03	86.45	96.34	107.93
900	40.87	47.01	52.58	57.95	64.28	72.92	81.36	91.53	101.89	113.98
950	42.11	49.03	55.26	60.93	67.45	76.66	85.68	98.34	107.36	120.11
1000	43.36	51.04	57.95	63.90	70.61	80.40	90.00	105.15	112.84	126.25
1050	44.70	52.97	60.64	66.76	73.69	84.25	94.39	106.68	118.21	132.21
1100	45.86	54.88	63.32	69.84	76.94	88.09	98.64	111.68	123.76	138.37
1150	47.20	56.98	66.01	72.72	79.82	91.72	103.05	116.66	129.33	144.50
1200	48.53	58.92	68.70	75.60	83.09	95.56	107.45	121.85	134.88	150.62
1250	49.80	60.86	71.35	78.57	86.23	99.33	111.83	126.86	140.39	156.71
1300	51.04	62.81	74.01	81.55	89.36	103.10	116.22	131.88	145.88	162.79
1350	52.28	64.76	76.66	84.53	92.49	106.88	120.59	136.89	151.39	168.86
1400	53.54	66.72	79.30	87.49	95.63	110.66	124.98	141.93	156.90	174.93
1450	54.79	68.67	81.96	90.48	98.77	114.43	129.36	146.95	162.39	181.02
1500	56.05	70.61	84.61	93.44	101.89	118.21	133.75	151.96	167.90	187.10

WS-102-RAL

στόμιο δύο σειρών κινητών πτερυγίων βαμμένο
air grille with two rows of adjustable blades in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	29.08	29.08	29.08	30.05						
250	29.08	29.08	29.08	30.82	34.09					
300	29.08	29.08	29.85	33.52	36.39	38.88				
350	29.08	30.82	32.93	35.05	38.88	41.97	45.02			
400	31.78	34.09	36.59	39.06	41.56	44.84	49.25	55.01		
450	35.22	36.39	37.53	41.56	44.84	48.66	55.01	59.98	65.93	
500	37.73	38.88	41.56	43.87	47.51	52.11	57.70	62.49	68.62	77.07
550	38.70	40.04	43.10	45.21	48.86	53.66	59.98	65.74	74.58	83.22
600	41.56	43.30	44.84	48.66	53.66	60.37	63.45	69.59	77.07	85.70
650	42.72	45.21	47.51	51.55	56.83	63.05	67.77	74.58	82.62	91.93
700	43.87	47.15	50.19	54.42	59.98	65.74	72.07	79.56	88.20	98.57
750	45.21	49.25	52.70	57.49	63.06	69.77	76.48	84.56	93.93	105.32
800	46.57	51.17	55.38	60.37	66.13	73.61	80.91	89.54	99.84	112.09
850	47.81	53.17	58.07	63.25	69.29	77.36	85.22	95.09	105.97	118.73
900	49.05	55.19	60.75	66.13	72.47	81.10	89.54	100.68	112.09	125.37
950	50.29	57.20	63.45	69.11	75.62	84.83	94.25	108.16	118.11	132.12
1000	51.53	59.22	66.13	72.07	78.79	88.57	99.00	115.67	124.11	138.88
1050	52.88	61.14	68.82	74.94	81.87	92.68	103.83	117.35	130.02	145.42
1100	54.04	63.06	71.50	78.02	85.13	96.89	108.48	122.85	136.12	152.20
1150	55.38	65.16	74.18	80.91	88.00	100.89	113.36	128.32	142.27	158.94
1200	56.72	67.09	76.88	83.79	91.40	105.11	118.19	134.02	148.38	165.69
1250	57.97	69.04	79.52	86.76	94.84	109.25	123.01	139.55	154.42	172.38
1300	59.22	70.99	82.18	89.73	98.30	113.42	127.84	145.07	160.48	179.06
1350	60.47	72.94	84.83	92.98	101.75	117.57	132.66	150.60	166.53	185.75
1400	61.72	74.90	87.48	96.25	105.19	121.73	137.47	156.11	172.59	192.43
1450	62.96	76.85	90.16	99.53	108.65	125.87	142.30	161.63	178.63	199.11
1500	64.21	78.79	93.08	102.79	112.09	130.02	147.11	167.16	184.69	205.80

WS-102D

στόμιο δύο σειρών κινητών πτερυγίων με διάφραγμα
air grille with two rows of adjustable blades with damper

	100	125	150	200	250	300	350	400	450	500
200	31.90	31.90	31.90	32.81						
250	31.90	31.90	31.90	34.73	38.96					
300	31.90	31.90	33.78	38.57	42.39	46.06				
350	31.90	34.73	37.99	41.32	46.06	51.05	55.84			
400	35.53	39.16	42.85	46.43	48.81	55.85	62.04	70.44		
450	40.14	42.60	44.96	50.27	53.40	61.60	69.67	77.78	86.92	
500	43.78	46.25	50.16	53.54	58.16	66.97	74.63	82.58	91.84	102.47
550	45.89	48.55	52.72	56.10	60.83	70.44	78.48	88.09	100.19	111.11
600	49.93	52.98	55.72	60.83	66.72	79.00	83.85	94.28	105.15	117.24
650	51.63	55.37	58.60	64.37	71.50	81.87	89.33	100.21	112.33	125.80
700	53.35	57.76	61.48	67.91	76.30	84.76	94.80	106.13	119.50	134.35
750	55.08	60.45	64.90	72.52	81.36	90.76	102.85	115.33	129.16	145.64
800	57.58	63.25	68.80	77.52	87.88	99.41	114.34	125.10	137.78	152.56
850	59.30	66.17	72.41	81.55	92.87	105.26	120.02	133.45	146.99	164.16
900	61.03	69.07	76.04	85.58	97.88	111.11	125.69	141.81	156.20	175.75
950	62.93	72.62	80.23	90.95	103.14	117.25	132.89	151.59	165.98	188.80
1000	64.85	76.16	84.43	96.33	108.42	123.39	140.08	161.37	175.78	201.86
1050	67.36	79.30	90.76	100.74	113.02	128.39	146.81	165.39	184.79	204.56
1100	69.08	81.76	95.23	105.53	116.93	133.94	153.32	171.94	190.79	211.86
1150	71.58	85.18	98.65	108.98	121.86	138.37	159.06	179.60	199.56	222.77
1200	73.50	88.25	102.47	114.17	126.63	146.81	166.35	187.46	209.53	232.55
1250	75.88	91.91	107.38	118.58	132.13	153.36	174.70	196.90	219.67	243.77
1300	78.23	95.56	112.31	122.99	137.63	159.92	183.05	206.34	229.80	255.00
1350	80.60	99.21	117.24	127.40	143.14	166.49	191.40	215.78	239.95	266.22
1400	82.96	102.86	122.17	131.82	148.64	173.04	199.76	225.20	250.09	277.46
1450	85.34	106.51	127.08	136.22	154.15	179.61	208.11	234.64	260.23	288.68
1500	87.70	110.15	132.01	140.65	159.65	186.16	216.46	244.08	270.37	299.91

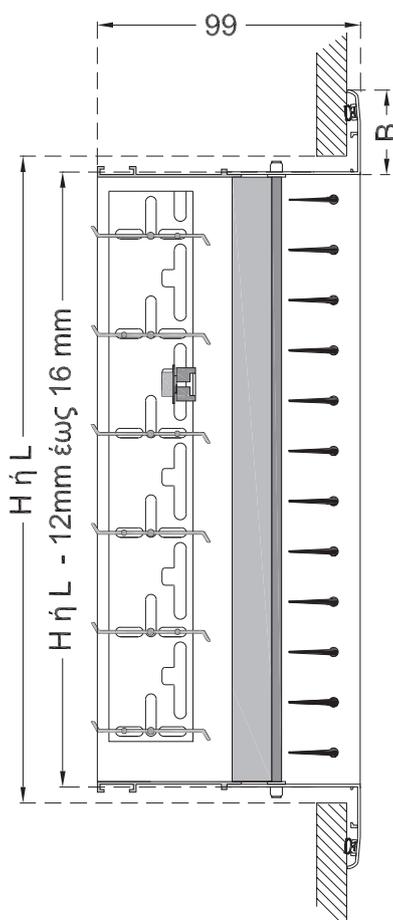
WS-102D WS-102D-RAL



WS-102D-RAL

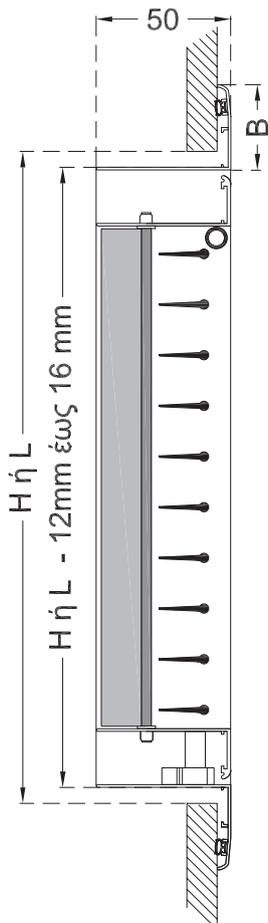
στόμιο δύο σειρών κινητών πτερυγίων με διάφραγμα βαμμένο
air grille with two rows of adjustable blades with damper in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	40.08	40.08	40.08	40.99						
250	40.08	40.08	40.08	42.91	47.15					
300	40.08	40.08	41.97	46.75	50.58	54.24				
350	40.08	42.91	46.18	49.50	54.24	59.23	64.02			
400	43.70	47.33	51.03	54.62	56.98	64.03	70.22	78.62		
450	48.30	50.78	53.14	58.45	61.59	69.78	77.85	85.95	95.11	
500	51.96	54.43	58.34	61.72	66.34	75.15	82.82	90.76	100.02	110.65
550	54.08	56.74	60.91	64.28	69.01	78.62	86.67	96.25	108.36	119.29
600	58.10	61.16	63.90	69.01	74.90	87.18	92.04	102.47	113.33	125.42
650	59.82	63.56	66.78	72.56	79.68	90.05	97.50	108.38	120.51	134.17
700	61.52	65.95	69.66	76.10	84.47	92.92	102.98	114.31	127.68	143.32
750	63.26	68.62	73.07	80.71	89.54	98.93	111.02	123.52	137.69	155.21
800	65.75	71.43	76.99	85.70	96.05	107.58	122.53	133.29	146.86	162.76
850	67.48	74.34	80.60	89.73	101.05	113.43	128.19	142.10	156.63	174.96
900	69.20	77.25	84.22	93.76	106.05	119.29	133.87	150.96	166.40	187.15
950	71.12	80.81	88.42	99.13	111.32	125.43	141.45	161.43	176.73	200.82
1000	73.03	84.35	92.60	104.50	116.59	131.56	149.08	171.90	187.06	214.48
1050	75.55	87.48	98.93	108.91	121.21	136.82	156.24	176.06	196.60	217.78
1100	77.26	89.94	103.41	113.70	125.11	142.75	163.19	183.11	203.17	225.69
1150	79.76	93.37	106.82	117.15	130.04	147.53	169.37	191.27	212.50	237.21
1200	81.69	96.44	110.65	122.34	134.94	156.35	177.09	199.65	223.01	247.62
1250	84.04	100.09	115.57	126.76	140.76	163.28	185.89	209.58	233.69	259.45
1300	86.41	103.74	120.48	131.18	146.56	170.24	194.68	219.53	244.40	271.28
1350	88.78	107.38	125.42	135.86	152.39	177.17	203.47	229.46	255.09	283.12
1400	91.15	111.03	130.34	140.56	158.20	184.11	212.26	239.40	265.77	294.94
1450	93.51	114.69	135.29	145.28	164.03	191.05	221.04	249.34	276.47	306.79
1500	95.89	118.34	140.48	149.99	169.84	197.99	229.84	259.27	287.17	318.61



B: 32mm, 19mm

WS-102-A WS-102-A-RAL



B: 32mm, 19mm

WS-102-A

στόμιο δύο σειρών κινητών πτερυγίων ανοιγόμενο
air grille with two rows of adjustable blades-accessible

	100	125	150	200	250	300	350	400	450	500
200	28.67	28.67	28.67	29.99						
250	28.67	28.67	28.67	31.05	35.53					
300	28.67	28.67	29.73	34.74	38.68	42.11				
350	28.67	31.05	33.95	36.84	42.11	46.32	50.52			
400	32.37	35.53	38.95	42.36	45.79	50.27	56.32	64.20		
450	37.09	38.68	40.27	45.79	50.27	55.53	64.20	71.05	79.21	
500	40.52	42.11	45.79	48.95	53.94	60.25	67.90	74.48	82.88	94.48
550	41.84	43.69	47.90	50.80	55.80	62.39	71.05	78.95	91.06	102.88
600	45.79	48.16	50.27	55.53	62.39	71.58	75.80	84.23	94.48	106.32
650	47.38	50.80	53.94	59.48	66.72	75.26	81.71	91.06	102.10	114.60
700	48.95	53.43	57.61	63.42	71.05	78.95	87.63	97.90	109.74	122.90
750	50.80	56.32	61.04	67.62	75.26	84.47	93.69	104.74	117.12	131.31
800	52.65	58.96	64.73	71.58	79.48	89.75	99.72	111.57	124.48	139.76
850	54.35	61.71	68.41	75.52	83.82	94.89	105.66	118.55	132.11	148.04
900	56.06	64.47	72.11	79.48	88.15	100.01	111.57	125.52	139.76	156.31
950	57.75	67.23	75.79	83.56	92.50	105.14	117.50	134.86	147.24	164.74
1000	59.47	69.99	79.48	87.63	96.86	110.25	123.43	144.20	154.74	173.16
1050	61.30	72.62	83.16	91.58	101.08	115.53	129.46	146.30	162.11	181.30
1100	62.89	75.26	86.83	95.80	105.52	120.79	135.27	153.16	169.73	189.74
1150	64.73	78.16	90.54	99.72	109.46	125.78	141.33	159.98	177.38	198.15
1200	66.57	80.79	94.22	103.68	113.95	131.05	147.34	167.10	184.99	206.58
1250	68.28	83.47	97.86	107.76	118.25	136.22	153.37	174.00	192.52	214.91
1300	69.99	86.14	101.49	111.85	122.55	141.41	159.38	180.88	200.07	223.24
1350	71.71	88.81	105.13	115.92	126.85	146.59	165.39	187.75	207.61	231.58
1400	73.41	91.50	108.77	120.00	131.15	151.76	171.39	194.64	215.16	239.91
1450	75.14	94.17	112.41	124.08	135.44	156.94	177.40	201.53	222.71	248.26
1500	76.85	96.86	116.04	128.16	139.76	162.11	183.41	208.42	230.25	256.59

WS-102-A-RAL

στόμιο δύο σειρών κινητών πτερυγίων ανοιγόμενο βαμμένο
air grille with two rows of adjustable blades-accessible in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	38.03	38.03	38.03	39.34						
250	38.03	38.03	38.03	40.39	44.88					
300	38.03	38.03	39.07	44.09	48.04	51.46				
350	38.03	40.39	43.30	46.18	51.46	55.68	59.86			
400	41.71	44.88	48.29	51.71	55.14	59.62	65.67	73.56		
450	46.44	48.04	49.61	55.14	59.62	64.89	73.56	80.39	88.56	
500	49.87	51.46	55.14	58.30	63.29	69.60	77.24	83.82	92.23	103.82
550	51.19	53.04	57.24	60.15	65.14	71.73	80.39	88.29	100.42	112.23
600	55.14	57.51	59.62	64.89	71.73	80.93	85.14	93.57	103.82	115.67
650	56.72	60.15	63.28	68.82	76.07	84.60	91.06	100.42	111.45	124.17
700	58.30	62.79	66.96	72.75	80.39	88.29	96.99	107.25	119.08	133.13
750	60.15	65.67	70.39	76.97	84.61	93.82	103.03	114.08	126.87	142.26
800	61.98	68.30	74.07	80.93	88.81	99.10	109.08	120.92	134.86	151.39
850	63.70	71.06	77.77	84.88	93.16	104.22	114.99	128.43	143.12	160.37
900	65.41	73.82	81.46	88.81	97.50	109.36	120.92	135.98	151.39	169.32
950	67.11	76.58	85.14	92.91	101.86	114.48	127.29	146.10	159.51	178.46
1000	68.80	79.34	88.81	96.99	106.21	119.61	133.72	156.22	167.63	187.58
1050	70.64	81.98	92.51	100.93	110.42	125.17	140.26	158.50	175.61	196.41
1100	72.24	84.61	96.19	105.14	114.87	130.86	146.54	165.92	183.86	205.56
1150	74.07	87.49	99.88	109.08	118.81	136.27	153.11	173.32	192.16	214.66
1200	75.91	90.13	103.57	113.02	123.44	141.97	159.63	181.03	200.40	223.79
1250	77.63	92.82	107.21	117.11	128.11	147.59	166.14	188.49	208.57	232.81
1300	79.34	95.49	110.85	121.19	132.76	153.19	172.67	195.94	216.76	241.86
1350	81.05	98.16	114.48	125.58	137.42	158.80	179.17	203.40	224.92	250.88
1400	82.78	100.84	118.12	130.00	142.08	164.41	185.68	210.87	233.10	259.92
1450	84.48	103.52	121.77	134.42	146.74	170.02	192.18	218.32	241.27	268.94
1500	86.21	106.21	125.72	138.84	151.39	175.61	198.69	225.78	249.45	277.97

WS-102-F

στόμιο δύο σειρών κινητών πτερυγίων με φίλτρο
air grille with two rows of adjustable blades with filter

	100	125	150	200	250	300	350	400	450	500
200	25.95	25.95	25.95	27.24						
250	25.95	25.95	25.95	29.35	34.31					
300	25.95	25.95	27.73	33.40	38.28	42.80				
350	25.95	28.52	31.81	36.27	42.45	47.88	53.28			
400	28.97	32.63	36.45	41.63	46.82	52.77	59.86	68.31		
450	33.10	35.76	38.42	45.47	51.77	58.62	67.97	75.99	84.95	
500	36.27	39.09	43.45	49.13	56.13	64.08	73.02	81.17	90.66	102.47
550	37.90	41.10	46.00	51.82	59.15	67.66	77.67	87.12	99.65	111.97
600	41.44	45.19	48.74	56.61	65.64	76.37	83.48	93.65	105.15	117.83
650	43.27	47.95	52.43	60.83	70.48	81.07	90.14	101.32	113.74	127.23
700	45.09	50.72	56.12	65.04	75.31	85.78	96.80	109.00	122.32	136.63
750	47.11	53.65	59.62	69.45	80.07	91.81	103.57	116.67	130.73	146.11
800	49.14	56.42	63.32	73.69	84.81	97.67	110.33	124.34	139.12	155.63
850	51.05	59.27	67.02	77.90	89.66	103.43	117.00	132.11	147.72	165.02
900	52.95	62.13	70.71	82.13	94.50	109.20	123.67	139.88	156.30	174.42
950	54.87	64.98	74.40	86.45	99.35	114.95	130.34	149.38	164.79	183.92
1000	56.79	67.83	78.10	90.76	104.20	120.69	137.01	158.87	173.27	193.42
1050	58.81	70.59	81.80	94.98	108.96	126.56	143.76	163.09	181.68	202.72
1100	60.63	73.36	85.48	99.41	113.88	132.41	150.34	170.79	190.24	212.23
1150	62.65	76.30	89.18	103.61	118.44	138.06	157.11	178.44	198.84	221.72
1200	64.65	79.06	92.87	107.84	123.39	143.90	163.86	186.33	207.43	231.22
1250	66.58	81.84	96.54	112.16	128.21	149.70	170.60	194.03	215.94	240.66
1300	68.50	84.64	100.20	116.47	133.01	155.49	177.33	201.73	224.47	250.09
1350	70.42	87.43	103.86	120.79	137.83	161.28	184.06	209.44	232.99	259.52
1400	72.35	90.22	107.51	125.10	142.64	167.07	190.79	217.14	241.52	268.96
1450	74.26	93.02	111.18	129.43	147.44	172.85	197.54	224.85	250.04	278.40
1500	76.19	95.80	114.84	133.75	152.27	178.64	204.26	232.55	258.56	287.83

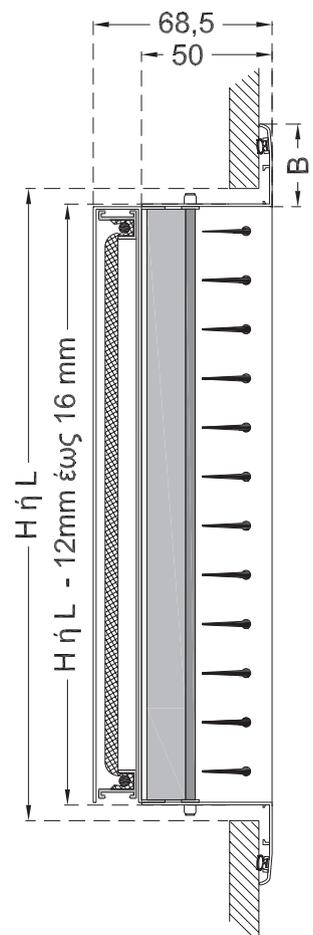
WS-102-F WS-102-F-RAL



WS-102-F-RAL

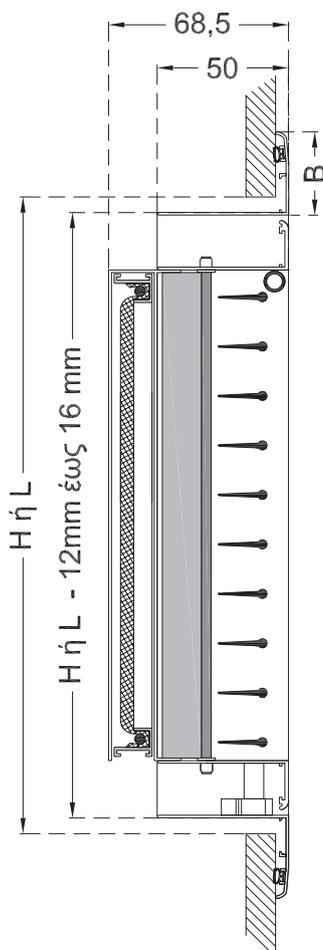
στόμιο δύο σειρών κινητών πτερυγίων με φίλτρο βαμμένο
air grille with two rows of adjustable blades with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	34.12	34.12	34.12	35.42						
250	34.12	34.12	34.12	37.53	42.49					
300	34.12	34.12	35.89	41.58	46.46	50.97				
350	34.12	36.70	39.98	44.44	50.63	56.07	61.47			
400	37.16	40.81	44.64	49.81	54.99	60.95	68.05	76.49		
450	41.27	43.95	46.61	53.65	59.94	66.80	76.15	84.16	93.14	
500	44.44	47.28	51.63	57.30	64.30	72.26	81.20	89.35	98.83	110.65
550	46.08	49.27	54.19	59.98	67.33	75.82	85.84	95.30	107.82	120.14
600	49.62	53.37	56.92	64.79	73.81	84.56	91.66	101.83	113.33	126.01
650	51.46	56.13	60.61	69.01	78.66	89.25	98.32	109.49	121.91	135.58
700	53.27	58.89	64.30	73.23	83.49	93.95	104.98	117.18	130.50	145.60
750	55.29	61.83	67.80	77.63	88.25	99.99	111.75	124.85	139.27	155.69
800	57.31	64.60	71.50	81.87	92.99	105.85	118.51	132.52	148.20	165.81
850	59.23	67.45	75.20	86.09	97.83	111.62	125.18	140.76	157.33	175.81
900	61.14	70.30	78.89	90.31	102.68	117.37	131.85	149.04	166.49	185.81
950	63.05	73.15	82.59	94.63	107.54	123.12	138.91	159.21	175.52	195.93
1000	64.97	76.01	86.27	98.93	112.38	128.88	146.00	169.40	184.57	206.04
1050	66.98	78.77	89.98	103.15	117.13	134.98	153.20	173.76	193.49	215.94
1100	68.82	81.54	93.67	107.57	122.07	141.21	160.20	181.95	202.62	226.07
1150	70.83	84.48	97.36	111.79	126.62	147.22	167.42	190.11	211.78	236.17
1200	72.83	87.24	101.05	116.02	131.69	153.47	174.60	198.51	220.90	246.29
1250	74.77	90.02	104.71	120.34	136.83	159.63	181.79	206.71	229.98	256.32
1300	76.68	92.82	108.37	124.65	141.96	165.80	188.95	214.92	239.06	266.38
1350	78.59	95.60	112.03	129.24	147.08	171.96	196.12	223.12	248.13	276.41
1400	80.52	98.39	115.69	133.86	152.20	178.13	203.30	231.33	257.20	286.46
1450	82.44	101.19	119.37	138.48	157.32	184.29	210.46	239.55	266.28	296.49
1500	84.37	103.98	123.30	143.09	162.46	190.46	217.64	247.75	275.35	306.55



B: 32mm, 19mm

WS-102-A-F WS-102-A-F-RAL



B: 32mm, 19mm

WS-102-A-F

στόμιο δύο σειρών κινητών πτερυγίων ανοιγόμενο με φίλτρο
air grille with two rows of adjustable blades-accessible with filter

	100	125	150	200	250	300	350	400	450	500
200	33.71	33.71	33.71	35.37						
250	33.71	33.71	33.71	37.76	43.93					
300	33.71	33.71	35.77	42.80	48.75	54.20				
350	33.71	36.93	41.00	46.24	53.86	60.42	66.97			
400	37.74	42.25	47.01	53.10	59.22	66.38	75.13	85.70		
450	43.14	46.24	49.32	57.87	65.38	73.67	85.36	95.23	106.41	
500	47.25	50.50	55.86	62.38	70.74	80.40	91.40	101.34	113.11	128.06
550	49.24	52.93	58.97	65.57	74.26	84.56	96.90	108.49	124.31	139.83
600	53.85	58.23	62.36	71.64	82.54	95.76	104.01	116.46	130.75	146.61
650	56.10	61.71	67.03	76.93	88.55	101.45	112.27	125.98	141.39	158.27
700	58.35	65.19	71.71	82.22	94.56	107.15	120.54	135.52	152.04	169.92
750	60.86	68.92	76.15	87.77	100.45	114.69	128.95	145.04	162.44	181.69
800	63.39	72.39	80.85	93.06	106.34	121.98	137.32	154.55	172.84	193.48
850	65.76	75.99	85.55	98.36	112.35	129.13	145.61	164.21	183.49	205.12
900	68.15	79.58	90.23	103.65	118.39	136.28	153.88	173.89	194.15	216.76
950	70.51	83.18	94.93	109.08	124.41	143.42	162.16	185.91	204.67	228.54
1000	72.90	86.79	99.62	114.49	130.43	150.55	170.43	197.93	215.19	240.32
1050	75.41	90.26	104.32	119.78	136.32	157.84	178.83	202.71	225.58	251.82
1100	77.66	93.73	109.01	125.34	142.46	165.12	186.99	212.26	236.21	263.61
1150	80.18	97.46	113.70	130.61	148.08	172.13	195.39	221.77	246.88	275.39
1200	82.69	100.94	118.39	135.91	154.25	179.40	203.78	231.57	257.51	287.17
1250	85.06	104.46	123.03	141.34	160.21	186.59	212.12	241.15	268.08	298.86
1300	87.46	107.98	127.68	146.76	166.20	193.79	220.48	250.72	278.64	310.56
1350	89.84	111.48	132.33	152.19	172.18	200.98	228.86	260.29	289.22	322.25
1400	92.22	115.01	136.97	157.61	178.16	208.16	237.21	269.86	299.79	333.95
1450	94.61	118.52	141.62	163.03	184.14	215.36	245.56	279.42	310.35	345.63
1500	97.00	122.03	146.27	168.46	190.12	222.55	253.94	289.00	320.92	357.32

WS-102-A-F-RAL

στόμιο δύο σειρών κινητών πτερυγίων ανοιγόμενο με φίλτρο βαμμένο
air grille with two rows of adjustable blades-accessible with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	43.07	43.07	43.07	44.72						
250	43.07	43.07	43.07	47.10	53.27					
300	43.07	43.07	45.11	52.15	58.10	63.54				
350	43.07	46.28	50.36	55.58	63.21	69.78	76.33			
400	47.08	51.60	56.35	62.46	68.57	75.73	84.48	95.04		
450	52.49	55.58	58.68	67.23	74.72	83.02	94.71	104.58	115.75	
500	56.60	59.85	65.22	71.73	80.08	89.75	100.76	110.68	122.45	137.40
550	58.59	62.27	68.33	74.92	83.61	93.90	106.25	117.84	133.65	149.17
600	63.20	67.58	71.71	81.00	91.88	105.11	113.34	125.80	140.08	155.96
650	65.45	71.06	76.38	86.28	97.89	110.80	121.63	135.33	150.74	167.82
700	67.70	74.55	81.06	91.56	103.91	116.50	129.89	144.86	161.39	180.16
750	70.22	78.27	85.49	97.12	109.80	124.04	138.29	154.37	172.21	192.62
800	72.73	81.73	90.20	102.42	115.69	131.33	146.67	163.91	183.22	205.13
850	75.12	85.34	94.90	107.70	121.70	138.48	154.96	174.10	194.50	217.45
900	77.49	88.92	99.58	113.00	127.73	145.63	163.24	184.34	205.80	229.78
950	79.87	92.53	104.27	118.43	133.76	152.76	171.95	197.14	216.93	242.26
1000	82.24	96.13	108.98	123.85	139.78	159.91	180.72	209.95	228.09	254.75
1050	84.76	99.61	113.66	129.13	145.67	167.48	189.62	214.91	239.09	266.94
1100	87.01	103.09	118.35	134.68	151.81	175.18	198.25	225.02	250.37	279.43
1150	89.53	106.81	123.06	139.96	157.43	182.61	207.17	235.10	261.67	291.91
1200	92.03	110.30	127.74	145.27	163.74	190.32	216.04	245.51	272.93	304.38
1250	94.42	113.79	132.38	150.69	170.07	197.94	224.91	255.65	284.13	316.78
1300	96.80	117.32	137.04	156.10	176.41	205.57	233.77	265.78	295.33	329.15
1350	99.20	120.83	141.67	161.84	182.75	213.20	242.64	275.94	306.51	341.55
1400	101.57	124.34	146.32	167.61	189.10	220.81	251.49	286.08	317.71	353.94
1450	103.96	127.86	150.99	173.37	195.44	228.44	260.36	296.23	328.91	366.32
1500	106.35	131.38	155.94	179.14	201.77	236.07	269.21	306.37	340.11	378.71

TS-102

στόμιο κυκλικού
αεραγωγού δύο σειρών
κινητών πτερυγίων

air grille with two rows
of adjustable blades for
circular duct

	75	115	195
200	37.64	37.64	39.37
250	37.64	37.64	40.75
300	37.64	37.64	45.59
350	37.64	40.75	48.35
400	42.50	46.62	55.58
450	48.71	50.76	60.10
500	53.19	55.28	64.26
550	54.92	57.35	66.67
600	60.10	63.20	72.90
650	62.17	66.60	78.07
700	64.26	70.20	83.23
750	66.67	73.91	77.74
800	69.10	77.40	93.96
850	71.33	81.00	99.13
900	73.57	84.62	104.40
950	75.80	88.25	109.67
1000	78.05	91.87	115.02
1050	80.46	95.35	120.17
1100	82.55	98.78	126.00
1150	84.96	102.60	130.90
1200	87.35	106.20	123.66
1250	89.64	109.55	141.43
1300	91.87	113.06	146.79
1350	94.10	116.57	152.15
1400	96.37	120.10	157.48
1450	98.62	123.61	162.86
1500	100.89	127.10	168.19

TS-102D

στόμιο κυκλικού
αεραγωγού δύο σειρών
κινητών πτερυγίων με
διάφραγμα

air grille with two rows
of adjustable blades for
circular duct with
damper

	75	115	195
200	47.93	47.93	50.31
250	47.93	47.93	52.06
300	47.93	47.93	57.89
350	47.93	52.06	61.85
400	54.52	59.75	71.26
450	62.64	66.92	77.15
500	67.99	70.34	82.13
550	70.40	73.95	85.05
600	76.56	80.68	93.49
650	79.25	84.76	97.26
700	81.94	89.20	101.04
750	84.62	93.37	101.13
800	88.36	97.30	119.32
850	91.00	101.94	125.59
900	93.67	106.66	131.89
950	96.47	111.84	139.64
1000	99.39	117.00	147.40
1050	103.21	122.00	154.40
1100	105.86	125.59	162.18
1150	109.46	130.78	167.33
1200	112.41	135.60	171.80
1250	115.79	140.63	180.94
1300	119.11	145.78	186.98
1350	122.48	151.02	193.04
1400	125.84	156.21	199.06
1450	129.23	159.40	210.62
1500	132.63	166.60	217.97

TS-102-RAL

στόμιο κυκλικού
αεραγωγού δύο σειρών
κινητών πτερυγίων
βαμμένο

air grille with two rows
of adjustable blades for
circular duct in RAL
colour

	75	115	195
200	46.49	46.49	48.22
250	46.49	46.49	49.60
300	46.49	46.49	54.44
350	46.49	49.60	57.20
400	51.35	55.47	64.43
450	57.56	59.61	68.95
500	62.04	64.13	73.11
550	63.77	66.20	75.52
600	68.95	72.05	81.75
650	71.02	75.45	86.92
700	73.11	79.05	92.08
750	75.52	82.76	86.59
800	77.95	86.25	102.81
850	80.18	89.85	107.98
900	82.42	93.47	113.25
950	84.65	97.10	118.52
1000	86.90	100.72	123.87
1050	89.31	104.20	129.02
1100	91.40	107.63	134.85
1150	93.81	111.45	139.75
1200	96.20	115.05	132.51
1250	98.49	118.40	150.28
1300	100.72	121.91	155.64
1350	102.95	125.42	161.00
1400	105.22	128.95	166.33
1450	107.47	132.46	171.71
1500	109.74	135.95	177.04

TS-102D-RAL

στόμιο κυκλικού
αεραγωγού δύο σειρών
κινητών πτερυγίων με
διάφραγμα βαμμένο

air grille with two rows
of adjustable blades for
circular duct with
damper in RAL colour

	75	115	195
200	56.78	56.78	59.16
250	56.78	56.78	60.91
300	56.78	56.78	66.74
350	56.78	60.91	70.70
400	63.37	68.60	80.11
450	71.49	75.77	86.00
500	76.84	79.19	90.98
550	79.25	82.80	93.90
600	85.41	89.53	102.34
650	88.10	93.61	106.11
700	90.79	98.05	109.89
750	93.47	102.22	109.98
800	97.21	106.15	128.17
850	99.85	110.79	134.44
900	102.52	115.51	140.74
950	105.32	120.69	148.49
1000	108.24	125.85	156.25
1050	112.06	130.85	163.25
1100	114.71	134.44	171.03
1150	118.31	139.63	176.18
1200	121.26	144.45	180.65
1250	124.64	149.48	189.79
1300	127.96	154.63	195.83
1350	131.33	159.87	201.89
1400	134.69	165.06	207.91
1450	138.08	168.25	219.47
1500	141.48	175.45	226.82

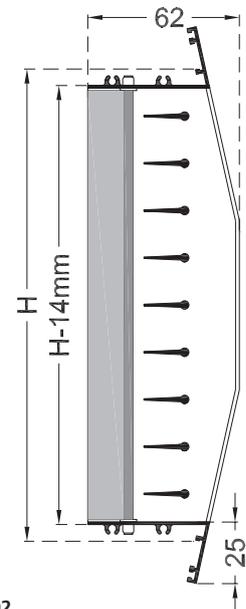
TS-102/RAL TS-102D/D-RAL



TS-102

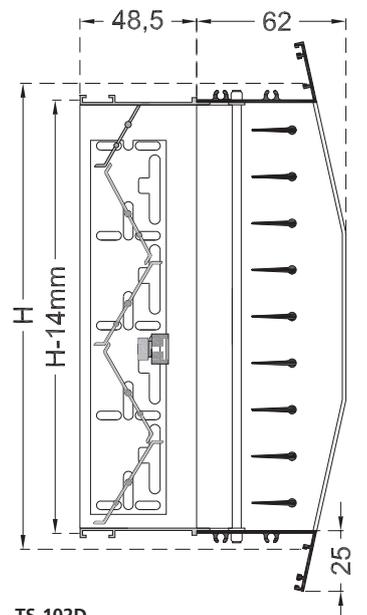


TS-102D



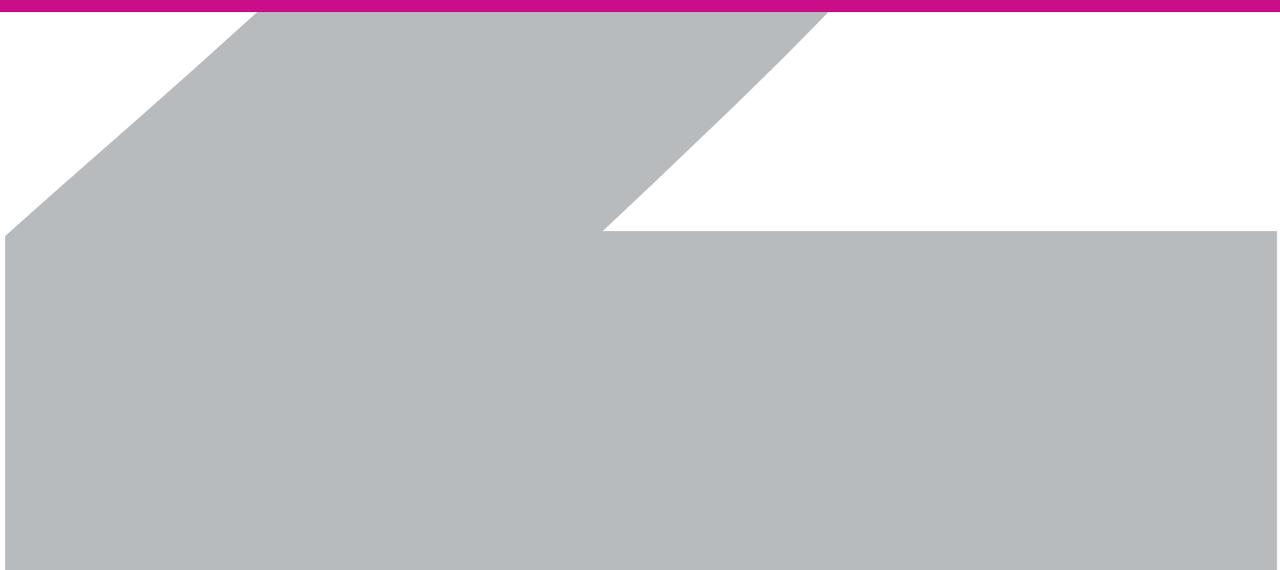
TS-102

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400



TS-102D

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400





LF-201/202
LF-201/202-RAL
LF-201/202D
LF-201/202D-RAL
LF-201/202-A
LF-201/202-A-RAL
LF-201/202-F
LF-201/202-F-RAL
LF-201/202-A-F
LF-201/202-A-F-RAL

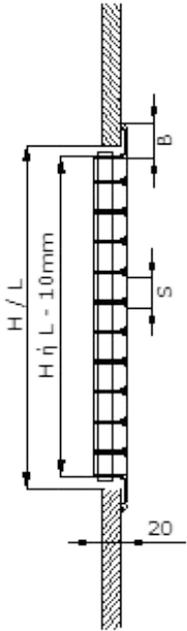
LF-203
LF-203-RAL
LF-203D
LF-203D-RAL

TL-201/202
TL-201/202-RAL
TL-201/202D
TL-201/202-D-RAL

LF-204
LF-204-RAL
LF-204D
LF-204D-RAL

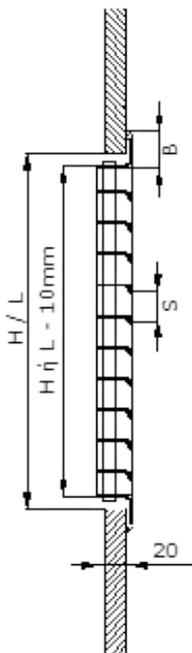
SL-801-810
SL-801-810D
SL-801-810-E
SL-801-810D-E
SL-851-859
SL-851-859D
SL-851-859-E
SL-851-859D-E
SL-850-T
SL-850-T-RAL

LF-201/202 LF-201/202-RAL



LF-201

B: 32mm, 19mm, 8mm
S: 12mm, 16mm



LF-202

B: 32mm, 19mm, 8mm
S: 12mm, 16mm

LF-201/202

στόμιο γραμμικό
linear air grille

	100	125	150	200	250	300	350	400	450	500
200	14.30	14.30	14.30	14.30						
250	14.30	14.30	14.30	15.87	18.66					
300	14.30	15.72	17.16	19.06	22.40	25.73				
350	16.25	18.34	20.01	22.23	26.13	30.02	33.85			
400	18.57	20.95	22.87	25.41	29.85	34.31	38.68	43.30		
450	20.89	23.57	25.73	28.59	33.59	38.60	43.52	48.71	53.54	
500	23.22	26.19	28.60	31.76	37.32	42.88	48.36	54.12	59.49	64.30
550	25.54	28.82	31.45	34.94	41.05	47.17	53.18	59.52	65.43	70.72
600	27.86	31.43	34.31	38.10	44.78	51.47	58.03	64.93	71.38	77.15
650	30.18	34.06	37.17	41.28	48.52	55.75	62.85	70.36	77.34	83.58
700	32.50	36.66	40.03	44.46	52.25	60.04	67.69	75.77	83.28	90.01
750	34.83	39.29	42.88	47.63	55.98	64.32	72.52	81.17	89.23	96.45
800	37.15	41.91	45.74	50.81	59.71	68.62	77.36	86.58	95.17	102.87
850	39.48	44.53	48.61	53.98	63.45	72.91	82.20	91.99	101.12	109.31
900	41.80	47.15	51.47	57.17	67.18	77.19	87.03	97.42	107.08	115.73
950	44.11	49.76	54.32	60.35	70.91	81.48	91.87	102.82	113.02	122.17
1000	46.43	52.38	57.18	63.51	74.63	85.78	96.70	108.23	118.98	128.60
1050	48.75	55.01	60.04	66.69	78.38	90.06	101.54	113.64	124.92	135.01
1100	51.07	57.62	62.90	69.86	82.10	94.35	106.37	119.06	130.87	141.45
1150	53.40	60.25	65.75	73.04	85.83	98.64	111.21	124.47	136.83	147.87
1200	55.73	62.85	68.62	76.22	89.57	102.92	116.04	129.88	142.77	154.31
1250	58.05	65.48	71.48	79.39	93.30	107.22	120.88	135.29	148.72	160.73
1300	60.37	68.09	74.34	82.57	97.03	111.51	125.72	140.70	154.66	167.17
1350	62.69	70.72	77.19	85.73	100.77	115.79	130.55	146.11	160.61	173.60
1400	65.01	73.34	80.05	88.91	104.49	120.08	135.39	151.52	166.57	180.03
1450	67.33	75.96	82.91	92.09	108.23	124.37	140.22	156.94	172.51	186.46
1500	69.66	78.57	85.78	95.27	111.97	128.66	145.06	162.35	178.46	192.89

LF-201-RAL/202-RAL

στόμιο γραμμικό βαμμένο
linear air grille in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	22.48	22.48	22.48	22.48						
250	22.48	22.48	22.48	24.06	26.84					
300	22.48	23.89	25.33	27.22	30.57	33.90				
350	24.43	26.52	28.19	30.40	34.30	38.19	42.03			
400	26.75	29.13	31.05	33.59	38.04	42.49	46.86	51.48		
450	29.07	31.76	33.90	36.76	41.77	46.77	51.70	56.88	61.72	
500	31.39	34.38	36.76	39.94	45.50	51.06	56.53	62.29	67.67	72.48
550	33.73	36.99	39.63	43.11	49.24	55.35	61.37	67.70	73.61	78.90
600	36.05	39.61	42.49	46.29	52.97	59.64	66.20	73.12	79.56	85.34
650	38.37	42.23	45.35	49.47	56.69	63.93	71.04	78.54	85.51	91.94
700	40.69	44.85	48.20	52.63	60.42	68.22	75.88	83.94	91.61	99.01
750	43.00	47.48	51.06	55.81	64.16	72.50	80.71	89.35	98.15	106.08
800	45.32	50.08	53.92	58.98	67.89	76.80	85.55	95.24	104.70	113.16
850	47.65	52.71	56.78	62.16	71.62	81.09	90.42	101.20	111.24	120.23
900	49.97	55.32	59.64	65.34	75.36	85.37	95.74	107.14	117.79	127.30
950	52.29	57.95	62.50	68.52	79.08	89.66	101.06	113.10	124.32	134.38
1000	54.62	60.57	65.36	71.70	82.82	94.35	106.37	119.06	130.87	141.45
1050	57.35	63.59	68.63	75.27	86.96	99.06	111.68	125.00	137.41	148.52
1100	60.07	66.62	71.90	78.86	91.10	103.78	117.01	130.96	143.96	155.59
1150	62.81	69.64	75.16	82.44	95.24	108.49	122.33	136.91	150.50	162.66
1200	65.54	72.68	78.43	86.03	99.38	113.21	127.64	142.86	157.05	169.74
1250	68.27	75.70	81.70	89.62	103.53	117.93	132.97	148.82	163.59	176.81
1300	71.01	78.73	84.96	93.20	107.67	122.65	138.28	154.76	170.14	183.89
1350	73.73	81.76	88.23	96.79	111.80	127.36	143.61	160.72	176.68	190.95
1400	76.46	84.79	91.50	100.36	115.95	132.09	148.93	166.67	183.23	198.03
1450	79.19	87.81	94.78	103.96	120.09	136.80	154.24	172.62	189.77	205.11
1500	81.93	90.84	98.03	107.54	124.23	141.51	159.56	178.57	196.32	212.17

LF-201/202D

στόμιο γραμμικό με διάφραγμα
linear air grille with damper

	100	125	150	200	250	300	350	400	450	500
200	25.30	25.30	25.30	25.30						
250	25.30	25.30	25.30	27.97	31.71					
300	25.30	26.65	29.26	32.30	36.59	41.07				
350	27.02	30.43	33.26	36.70	41.47	47.29	52.84			
400	30.50	34.20	37.32	40.95	45.28	53.50	59.65	66.91		
450	33.97	37.97	41.33	45.47	50.35	59.71	66.36	74.68	82.71	
500	37.44	41.75	45.36	49.60	56.14	65.92	73.48	82.38	90.90	97.88
550	40.93	45.52	49.25	53.99	61.20	72.13	79.87	90.03	99.22	106.81
600	44.40	49.29	53.37	58.45	66.02	78.27	86.61	97.81	107.66	116.88
650	47.28	52.38	56.43	62.29	71.38	82.74	92.60	104.16	115.21	125.81
700	50.16	55.48	59.49	66.13	76.74	87.22	98.59	110.51	122.77	134.76
750	52.87	58.65	63.27	70.85	82.46	93.49	107.07	120.13	132.99	146.33
800	56.34	62.16	67.35	76.14	89.64	102.58	118.99	130.33	142.20	153.54
850	59.15	65.69	71.14	80.47	95.21	108.99	125.18	139.01	151.78	165.53
900	61.94	69.20	74.92	84.79	100.77	115.39	131.36	147.70	161.38	177.51
950	64.93	73.36	79.29	90.37	106.60	122.08	139.08	156.07	171.64	190.85
1000	67.93	77.51	83.66	95.93	112.44	128.76	146.81	164.44	181.91	204.19
1050	71.41	81.36	90.16	100.65	117.70	134.20	153.94	172.35	191.50	207.36
1100	74.31	84.49	94.81	105.54	122.09	140.21	161.06	179.31	197.91	214.94
1150	77.78	88.45	98.38	109.30	127.88	145.28	167.23	187.41	207.05	226.17
1200	80.68	92.21	102.38	114.77	133.11	154.16	174.94	195.49	217.41	236.23
1250	84.13	96.52	107.51	119.39	139.21	161.25	183.74	205.33	228.00	247.82
1300	87.56	100.84	112.65	124.00	145.31	168.31	192.56	215.15	238.58	259.39
1350	91.00	105.16	117.78	128.62	151.41	175.39	201.36	224.98	249.17	270.96
1400	94.45	109.47	122.90	133.23	157.51	182.47	210.17	234.81	259.75	282.56
1450	97.88	113.79	128.03	137.85	163.61	189.54	218.98	244.63	270.36	294.13
1500	101.32	118.12	133.17	142.46	169.72	196.61	227.78	254.45	280.94	305.70

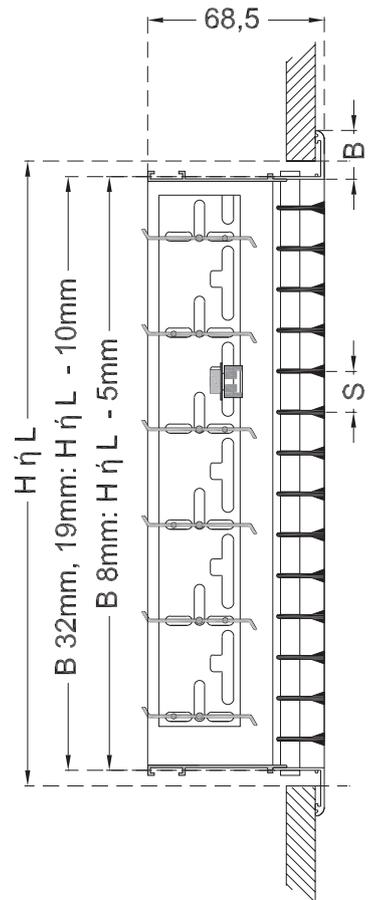
LF-201/202D LF-201/202D-RAL



LF-201/202D-RAL

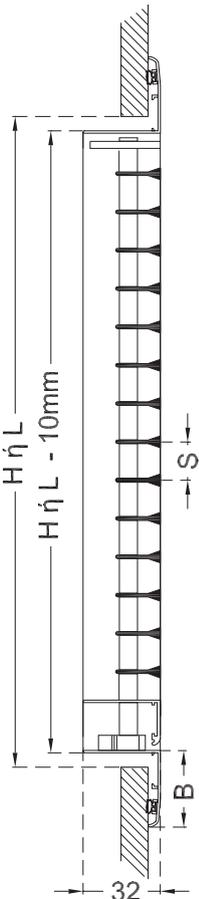
στόμιο γραμμικό με διάφραγμα βαμμένο
linear air grille with damper in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	33.48	33.48	33.48	33.48						
250	33.48	33.48	33.48	36.15	39.89					
300	33.48	34.84	37.43	40.48	44.76	49.26				
350	35.20	38.61	41.44	44.87	49.64	55.47	61.03			
400	38.68	42.38	45.50	49.14	53.46	61.69	67.84	75.10		
450	42.15	46.16	49.51	53.65	58.52	67.89	74.55	82.85	90.88	
500	45.63	49.93	53.54	57.78	64.32	74.11	81.66	90.56	99.08	106.05
550	49.10	53.70	57.42	62.17	69.39	80.30	88.04	98.22	107.40	114.99
600	52.58	57.48	61.56	66.63	74.19	86.45	94.79	106.00	115.84	125.06
650	55.46	60.57	64.60	70.47	79.56	90.93	100.78	112.33	123.40	134.18
700	58.34	63.65	67.67	74.31	84.92	95.39	106.78	118.68	131.10	143.76
750	61.05	66.84	71.46	79.03	90.64	101.67	115.25	128.32	141.90	155.98
800	64.52	70.35	75.53	84.33	97.81	110.76	127.17	138.98	151.71	163.82
850	67.33	73.88	79.32	88.65	103.38	117.15	133.40	148.20	161.91	176.46
900	70.12	77.38	83.11	92.97	108.96	123.56	140.07	157.43	172.08	189.08
950	73.12	81.54	87.47	98.55	114.78	130.24	148.27	166.35	182.95	203.06
1000	76.11	85.69	91.83	104.12	120.62	137.33	156.48	175.27	193.81	217.05
1050	80.00	89.94	98.75	109.24	126.30	143.20	164.09	183.71	203.99	220.87
1100	83.31	93.49	103.81	114.54	131.09	149.63	171.70	191.21	211.00	229.10
1150	87.18	97.86	107.79	118.70	137.28	155.14	178.34	199.85	220.74	240.96
1200	90.50	102.02	112.20	124.59	142.92	164.46	186.55	208.47	231.68	251.66
1250	94.35	106.76	117.74	129.62	149.44	171.96	195.83	218.86	242.87	263.88
1300	98.20	111.47	123.29	134.64	155.95	179.46	205.12	229.22	254.06	276.10
1350	102.04	116.20	128.82	139.66	162.46	186.97	214.41	239.58	265.24	288.33
1400	105.90	120.92	134.35	144.69	168.96	194.47	223.70	249.95	276.42	300.55
1450	109.75	125.65	139.90	149.71	175.48	201.98	232.99	260.31	287.60	312.77
1500	113.59	130.39	145.43	154.73	181.99	209.47	242.28	270.70	298.78	325.00



B: 32mm, 19mm, 8mm
S: 12mm, 16mm

LF-201/202-A LF-201/202-A-RAL



B: 32mm, 19mm, 8mm
S: 12mm, 16mm

LF-201/202-A

στόμιο γραμμικό ανοιγόμενο
linear air grille-accessible

	100	125	150	200	250	300	350	400	450	500
200	19,61	19,61	19,61	19,61						
250	19,61	19,61	19,61	21,78	25,60					
300	19,61	21,55	23,53	26,13	30,71	35,29				
350	22,29	25,14	27,45	30,49	35,83	41,17	46,42			
400	25,46	28,73	31,37	34,85	40,94	47,05	53,05	59,37		
450	28,65	32,33	35,29	39,19	46,06	52,93	59,69	66,79	73,41	
500	31,85	35,93	39,20	43,55	51,18	58,82	66,31	74,22	81,59	88,17
550	35,01	39,51	43,13	47,92	56,30	64,69	72,94	81,63	89,75	96,99
600	38,20	43,10	47,05	52,26	61,41	70,58	79,57	89,06	97,90	105,80
650	41,39	46,70	50,97	56,62	66,53	76,46	86,22	96,47	106,05	114,62
700	44,58	50,29	54,90	60,97	71,64	82,35	92,84	103,89	114,21	123,43
750	47,75	53,88	58,82	65,34	76,77	88,22	99,47	111,32	122,36	132,26
800	50,94	57,48	62,73	69,68	81,89	94,11	106,11	118,74	130,54	141,08
850	54,13	61,06	66,65	74,04	87,01	99,99	112,74	126,17	138,69	149,89
900	57,31	64,65	70,58	78,40	92,13	105,86	119,36	133,57	146,85	158,71
950	60,49	68,24	74,49	82,74	97,24	111,75	125,99	141,00	155,00	167,52
1000	63,68	71,84	78,41	87,11	102,36	117,63	132,63	148,42	163,16	176,34
1050	66,86	75,44	82,35	91,47	107,47	123,51	139,27	155,85	171,31	185,15
1100	70,05	79,02	86,26	95,81	112,60	129,39	145,89	163,27	179,49	193,96
1150	73,23	82,61	90,18	100,17	117,72	135,28	152,53	170,69	187,64	202,79
1200	76,41	86,21	94,11	104,53	122,84	141,15	159,16	178,11	195,80	211,60
1250	79,60	89,80	98,02	108,89	127,95	147,04	165,79	185,53	203,95	220,43
1300	82,79	93,39	101,94	113,23	133,07	152,92	172,41	192,95	212,11	229,24
1350	85,98	96,99	105,86	117,59	138,18	158,80	179,05	200,38	220,26	238,06
1400	89,14	100,57	109,78	121,96	143,30	164,68	185,68	207,79	228,43	246,87
1450	92,33	104,16	113,70	126,30	148,42	170,57	192,31	215,21	236,59	255,69
1500	95,52	107,76	117,63	130,66	153,54	176,44	198,95	222,64	244,75	264,51

LF-201/202-A-RAL

στόμιο γραμμικό ανοιγόμενο βαμμένο
linear air grille-accessible in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	28.95	28.95	28.95	28.95						
250	28.95	28.95	28.95	31.12	34.94					
300	28.95	30.90	32.87	35.49	40.06	44.64				
350	31.64	34.50	36.78	39.84	45.18	50.51	55.76			
400	34.83	38.08	40.72	44.19	50.29	56.40	62.40	68.72		
450	37.99	41.67	44.64	48.54	55.41	62.28	69.04	76.14	82.78	
500	41.18	45.27	48.55	52.91	60.52	68.16	75.67	83.57	90.93	97.53
550	44.37	48.86	52.48	57.25	65.64	74.04	82.29	90.98	99.09	106.34
600	47.55	52.46	56.40	61.61	70.77	79.93	88.92	98.39	107.25	115.15
650	50.73	56.05	60.31	65.97	75.89	85.80	95.56	105.82	115.41	124.18
700	53.92	59.63	64.24	70.31	81.00	91.68	102.19	113.24	123.74	133.73
750	57.10	63.23	68.16	74.68	86.12	97.57	108.81	120.67	132.57	143.28
800	60.29	66.81	72.08	79.03	91.23	103.44	115.46	128.63	141.41	152.82
850	63.48	70.41	76.01	83.39	96.35	109.33	122.12	136.68	150.25	162.38
900	66.65	74.01	79.93	87.74	101.46	115.21	129.32	144.72	159.08	171.93
950	69.84	77.59	83.84	92.10	106.59	121.10	136.50	152.76	167.93	181.48
1000	73.03	81.18	87.77	96.46	111.71	127.42	143.68	160.80	176.76	191.04
1050	76.68	85.25	92.15	101.28	117.29	133.79	150.86	168.83	185.60	200.59
1100	80.33	89.31	96.55	106.11	122.88	140.17	158.05	176.87	194.44	210.13
1150	83.98	93.37	100.93	110.92	128.46	146.54	165.23	184.91	203.27	219.68
1200	87.63	97.43	105.32	115.75	134.06	152.92	172.41	192.95	212.11	229.24
1250	91.28	101.49	109.70	120.57	139.63	159.29	179.60	200.99	220.96	238.79
1300	94.93	105.54	114.09	125.39	145.21	165.65	186.78	209.02	229.79	248.34
1350	98.58	109.59	118.48	130.21	150.81	172.03	193.96	217.07	238.63	257.89
1400	102.23	113.66	122.87	135.02	156.39	178.40	201.15	225.10	247.47	267.44
1450	105.89	117.72	127.27	139.85	161.98	184.78	208.33	233.14	256.30	276.99
1500	109.54	121.78	131.65	144.67	167.56	191.15	215.52	241.19	265.14	286.54

LF-201/202-F

στόμιο γραμμικό με φίλτρο
linear air grille with filter

	100	125	150	200	250	300	350	400	450	500
200	19.33	19.33	19.33	19.33						
250	19.33	19.33	19.33	22.59	27.06					
300	19.33	20.55	23.20	27.09	32.46	37.82				
350	20.95	23.98	27.07	31.61	37.87	44.13	50.30			
400	23.95	27.40	30.93	36.12	43.28	50.42	57.49	64.79		
450	26.95	30.83	34.80	40.65	48.70	56.73	64.68	72.89	80.74	
500	29.94	34.25	38.67	45.17	54.12	63.03	71.85	80.98	89.71	97.32
550	32.93	37.68	42.53	49.69	59.52	69.34	79.05	89.09	98.68	107.03
600	35.93	41.10	46.40	54.20	64.93	75.64	86.23	97.17	107.66	116.77
650	38.92	44.53	50.27	58.72	70.35	81.94	93.42	105.27	116.63	126.50
700	41.91	47.95	54.14	63.24	75.75	88.24	100.59	113.37	125.59	136.22
750	44.91	51.38	58.00	67.75	81.16	94.54	107.79	121.46	134.56	145.96
800	47.90	54.80	61.86	72.27	86.57	100.86	114.97	129.57	143.54	155.69
850	50.89	58.23	65.74	76.79	91.99	107.15	122.17	137.67	152.51	165.42
900	53.88	61.64	69.60	81.29	97.39	113.45	129.34	145.76	161.48	175.15
950	56.87	65.08	73.47	85.81	102.81	119.76	136.53	153.86	170.46	184.89
1000	59.87	68.50	77.34	90.33	108.22	126.07	143.73	161.96	179.42	194.61
1050	62.87	71.93	81.20	94.84	113.63	132.37	150.90	170.06	188.39	204.35
1100	65.86	75.35	85.06	99.36	119.03	138.67	158.09	178.16	197.36	214.08
1150	68.85	78.78	88.93	103.88	124.45	144.97	165.28	186.25	206.34	223.81
1200	71.84	82.20	92.80	108.41	129.87	151.28	172.47	194.36	215.31	233.54
1250	74.83	85.62	96.67	112.92	135.28	157.59	179.64	202.46	224.27	243.28
1300	77.84	89.04	100.54	117.44	140.68	163.88	186.84	210.55	233.24	253.00
1350	80.83	92.48	104.40	121.96	146.09	170.18	194.02	218.65	242.22	262.74
1400	83.82	95.90	108.26	126.47	151.50	176.49	201.21	226.75	251.20	272.47
1450	86.81	99.33	112.13	130.99	156.91	182.80	208.38	234.85	260.16	282.19
1500	89.80	102.75	115.99	135.50	162.33	189.10	215.58	242.95	269.14	291.93

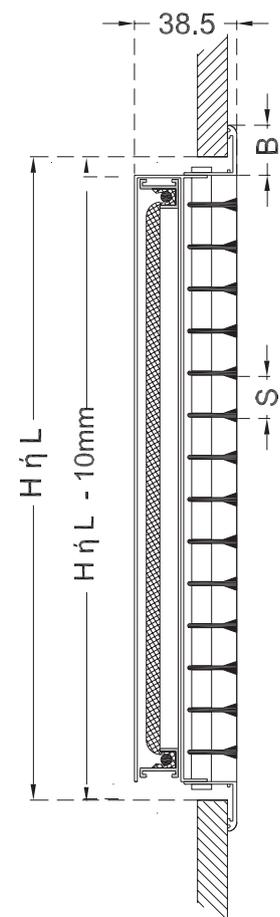
LF-201/202-F LF-201/202-F-RAL



LF-201/202-F-RAL

στόμιο γραμμικό με φίλτρο βαμμένο
linear air grille with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	27.51	27.51	27.51	27.51						
250	27.51	27.51	27.51	30.76	35.23					
300	27.51	28.73	31.38	35.28	40.65	45.99				
350	29.13	32.15	35.25	39.79	46.06	52.30	58.49			
400	32.12	35.58	39.10	44.31	51.47	58.61	65.67	72.96		
450	35.11	39.00	42.98	48.83	56.87	64.91	72.85	81.06	88.92	
500	38.12	42.43	46.85	53.35	62.28	71.21	80.04	89.16	97.89	105.48
550	41.11	45.85	50.71	57.86	67.70	77.51	87.23	97.25	106.87	115.21
600	44.10	49.28	54.58	62.38	73.12	83.82	94.41	105.36	115.84	124.95
650	47.09	52.70	58.45	66.90	78.52	90.12	101.60	113.45	124.79	134.86
700	50.08	56.13	62.30	71.41	83.93	96.43	108.78	121.55	133.91	145.23
750	53.09	59.57	66.18	75.93	89.34	102.72	115.97	129.65	143.49	155.61
800	56.08	62.98	70.05	80.45	94.75	109.03	123.14	138.23	153.05	165.98
850	59.07	66.41	73.91	84.95	100.16	115.33	130.38	146.86	162.62	176.35
900	62.06	69.83	77.78	89.47	105.58	121.64	138.05	155.51	172.18	186.73
950	65.05	73.26	81.65	93.99	110.99	127.94	145.72	164.15	181.75	197.11
1000	68.05	76.68	85.51	98.51	116.40	134.64	153.39	172.79	191.32	207.47
1050	71.46	80.51	89.79	103.44	122.22	141.37	161.05	181.41	200.89	217.86
1100	74.86	84.35	94.06	108.36	128.03	148.10	168.72	190.06	210.45	228.22
1150	78.25	88.18	98.34	113.29	133.86	154.84	176.40	198.69	220.02	238.60
1200	81.66	92.02	102.61	118.22	139.68	161.58	184.06	207.34	229.58	248.97
1250	85.06	95.85	106.89	123.13	145.50	168.30	191.73	215.99	239.14	259.34
1300	88.46	99.68	111.18	128.07	151.32	175.03	199.40	224.62	248.72	269.72
1350	91.87	103.52	115.44	132.99	157.14	181.78	207.06	233.26	258.28	280.08
1400	95.27	107.35	119.72	137.91	162.95	188.50	214.74	241.89	267.85	290.47
1450	98.67	111.19	123.99	142.85	168.78	195.23	222.41	250.54	277.41	300.84
1500	102.08	115.02	128.27	147.76	174.59	201.97	230.08	259.17	286.98	311.21



B: 32mm, 19mm, 8mm
S: 12mm, 16mm

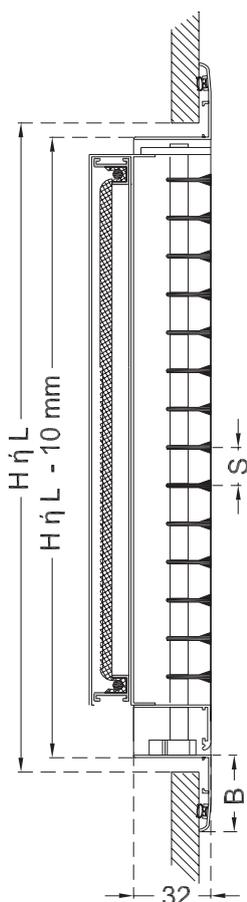
LF-201/202-A-F LF-201/202-A-F-RAL



LF-201/202-A-F

στόμιο γραμμικό ανοιγόμενο με φίλτρο
linear air grille-accessible with filter

	100	125	150	200	250	300	350	400	450	500
200	24.64	24.64	24.64	24.64						
250	24.64	24.64	24.64	28.49	33.98					
300	24.64	26.39	29.57	34.18	40.78	47.38				
350	26.98	30.78	34.51	39.88	47.59	55.28	62.87			
400	30.84	35.18	39.42	45.57	54.37	63.17	71.85	80.87		
450	34.70	39.59	44.36	51.27	61.17	71.06	80.84	90.97	100.63	
500	38.55	43.98	49.29	56.96	67.97	78.96	89.82	101.08	111.80	121.19
550	42.42	48.38	54.21	62.67	74.77	86.87	98.80	111.19	122.99	133.30
600	46.27	52.77	59.15	68.35	81.57	94.75	107.79	121.30	134.17	145.42
650	50.13	57.17	64.06	74.05	88.36	102.65	116.77	131.41	145.34	157.53
700	53.98	61.57	69.00	79.74	95.15	110.55	125.75	141.51	156.53	169.65
750	57.84	65.97	73.93	85.45	101.96	118.44	134.74	151.61	167.71	181.78
800	61.69	70.37	78.85	91.13	108.76	126.33	143.71	161.72	178.89	193.90
850	65.54	74.77	83.79	96.83	115.54	134.23	152.70	171.83	190.07	206.01
900	69.40	79.16	88.72	102.54	122.34	142.12	161.68	181.94	201.26	218.13
950	73.26	83.56	93.64	108.23	129.13	150.03	170.65	192.05	212.43	230.24
1000	77.12	87.94	98.57	113.93	135.94	157.93	179.64	202.16	223.62	242.37
1050	80.96	92.36	103.50	119.63	142.74	165.81	188.62	212.26	234.79	254.49
1100	84.82	96.76	108.43	125.32	149.52	173.71	197.60	222.36	245.97	266.60
1150	88.68	101.14	113.36	131.01	156.32	181.61	206.59	232.47	257.16	278.72
1200	92.54	105.54	118.29	136.72	163.13	189.51	215.57	242.58	268.33	290.83
1250	96.39	109.93	123.21	142.41	169.92	197.39	224.55	252.70	279.51	302.95
1300	100.24	114.33	128.14	148.10	176.71	205.30	233.54	262.81	290.70	315.06
1350	104.10	118.74	133.08	153.80	183.51	213.20	242.52	272.91	301.88	327.20
1400	107.97	123.13	137.99	159.50	190.30	221.09	251.50	283.02	313.06	339.31
1450	111.82	127.53	142.93	165.19	197.11	228.99	260.48	293.13	324.24	351.43
1500	115.67	131.93	147.86	170.90	203.91	236.89	269.47	303.24	335.42	363.54



LF-201/202-A-F-RAL

στόμιο γραμμικό ανοιγόμενο με φίλτρο βαμμένο
linear air grille-accessible with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	33.99	33.99	33.99	33.99						
250	33.99	33.99	33.99	37.83	43.33					
300	33.99	35.74	38.93	43.53	50.14	56.73				
350	36.33	40.14	43.85	49.21	56.92	64.61	72.23			
400	40.19	44.53	48.77	54.92	63.72	72.51	81.21	90.21		
450	44.05	48.93	53.70	60.61	70.52	80.41	90.18	100.32	109.98	
500	47.90	53.32	58.63	66.31	77.32	88.31	99.17	110.43	121.17	130.53
550	51.75	57.72	63.57	72.01	84.12	96.21	108.15	120.54	132.33	142.65
600	55.62	62.13	68.49	77.70	90.90	104.10	117.13	130.65	143.52	154.76
650	59.48	66.52	73.41	83.39	97.70	112.00	126.12	140.74	154.70	167.09
700	63.34	70.92	78.35	89.10	104.50	119.89	135.10	150.85	166.04	179.94
750	67.18	75.31	83.27	94.80	111.30	127.79	144.08	160.96	177.91	192.80
800	71.04	79.71	88.21	100.48	118.10	135.68	153.06	171.62	189.77	205.64
850	74.90	84.12	93.14	106.19	124.89	143.57	162.09	182.35	201.62	218.49
900	78.76	88.51	98.05	111.88	131.68	151.48	171.62	193.07	213.49	231.35
950	82.60	92.91	102.99	117.58	138.49	159.38	181.16	203.80	225.35	244.20
1000	86.46	97.31	107.92	123.28	145.29	167.73	190.70	214.53	237.21	257.06
1050	90.78	102.17	113.32	129.44	152.55	176.11	200.22	225.25	249.07	269.92
1100	95.11	107.03	118.70	135.61	159.82	184.49	209.76	235.97	260.93	282.75
1150	99.43	111.89	124.10	141.77	167.08	192.89	219.30	246.71	272.80	295.61
1200	103.75	116.77	129.50	147.93	174.35	201.27	228.83	257.42	284.65	308.47
1250	108.09	121.63	134.89	154.09	181.60	209.66	238.36	268.16	296.50	321.32
1300	112.41	126.50	140.29	160.26	188.86	218.04	247.90	278.87	308.37	334.18
1350	116.73	131.35	145.69	166.42	196.13	226.42	257.43	289.61	320.23	347.03
1400	121.06	136.22	151.09	172.59	203.39	234.81	266.97	300.33	332.10	359.88
1450	125.37	141.09	156.49	178.74	210.66	243.20	276.50	311.06	343.96	372.74
1500	129.69	145.96	161.88	184.91	217.92	251.59	286.03	321.78	355.82	385.59

B: 32mm, 19mm, 8mm
S: 12mm, 16mm

LF-203

στόμιο γραμμικό δαπέδου
linear floor air grille

	100	125	150	200	250	300	350	400	450	500
200	23.61	23.61	23.61	23.61						
250	23.61	23.61	23.61	24.65	30.51					
300	23.61	25.55	28.31	29.59	36.61	42.14				
350	26.80	29.82	33.04	34.52	42.71	49.16	55.68			
400	30.62	34.08	37.75	39.45	48.82	56.19	63.62	70.84		
450	34.45	38.33	42.48	44.38	54.92	63.21	71.58	79.71	87.82	
500	38.28	42.60	47.20	49.31	61.02	70.23	79.54	88.56	97.58	106.60
550	42.11	46.85	51.92	54.25	67.12	77.25	87.48	97.42	107.34	117.26
600	45.94	51.11	56.64	59.18	73.23	84.27	95.44	106.26	117.09	127.94
650	49.76	55.37	61.36	64.11	79.33	91.29	103.39	115.13	126.86	138.60
700	53.59	59.63	66.08	69.04	85.43	98.33	111.34	123.98	136.62	149.26
750	57.42	63.90	70.80	73.96	91.53	105.35	119.31	132.84	146.38	159.92
800	61.25	68.16	75.52	78.90	97.64	112.37	127.25	141.70	156.13	170.58
850	65.08	72.41	80.23	83.83	103.74	119.39	135.20	150.55	165.90	181.24
900	68.92	76.68	84.95	88.77	109.82	126.41	143.16	159.40	175.65	191.89
950	72.73	80.93	89.68	93.70	115.93	133.44	151.11	168.26	185.41	202.55
1000	76.57	85.18	94.39	98.64	122.03	140.46	159.06	177.12	195.16	213.22
1050	80.39	89.45	99.12	103.57	128.14	147.49	167.02	185.97	204.92	223.88
1100	84.23	93.71	103.83	108.48	134.23	154.51	174.97	194.82	214.69	234.54
1150	88.04	97.98	108.56	113.42	140.34	161.52	182.92	203.69	224.44	245.20
1200	91.88	102.23	113.27	118.35	146.44	168.56	190.88	212.54	234.20	255.86
1250	95.70	106.49	118.00	123.29	152.55	175.58	198.82	221.40	243.96	266.52
1300	99.54	110.75	122.72	128.22	158.64	182.60	206.79	230.24	253.71	277.18
1350	103.36	115.01	127.43	133.16	164.75	189.62	214.74	239.11	263.48	287.84
1400	107.19	119.26	132.17	138.08	170.85	196.65	222.68	247.96	273.24	298.51
1450	111.01	123.53	136.87	143.01	176.96	203.68	230.65	256.82	282.99	309.17
1500	114.85	127.79	141.60	147.94	183.05	210.69	238.60	265.67	292.74	319.83

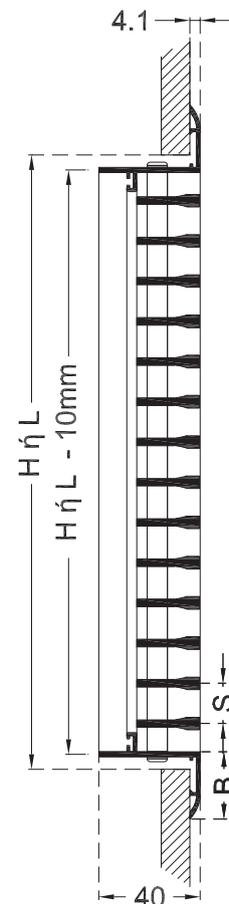
LF-203 LF-203-RAL



LF-203-RAL

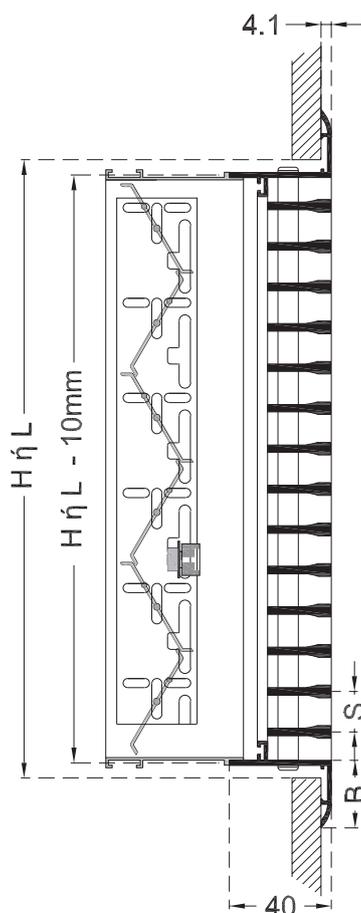
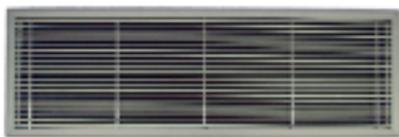
στόμιο γραμμικό δαπέδου βαμμένο
linear floor air grille in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	31.78	31.78	31.78	31.78						
250	31.78	31.78	31.78	32.84	38.70					
300	31.78	33.74	36.50	37.76	44.78	50.31				
350	34.98	37.99	41.22	42.70	50.89	57.34	63.84			
400	38.81	42.26	45.94	47.63	56.99	64.36	71.81	79.02		
450	42.64	46.52	50.65	52.57	63.10	71.39	79.76	87.88	96.60	
500	46.46	50.78	55.37	57.50	69.19	78.41	87.71	97.42	107.34	117.26
550	50.29	55.03	60.09	62.42	75.29	85.44	96.24	107.15	118.07	129.00
600	54.12	59.29	64.82	67.35	81.40	92.71	104.98	116.90	128.82	140.72
650	57.95	63.56	69.53	72.28	87.51	100.43	113.74	126.64	139.55	152.45
700	61.77	67.82	74.26	77.22	93.97	108.15	122.47	136.38	150.28	164.18
750	65.60	72.07	78.97	82.15	100.68	115.88	131.23	146.11	161.02	175.91
800	69.42	76.34	83.70	87.09	107.40	123.61	139.98	155.86	171.74	187.63
850	73.26	80.60	88.42	92.22	114.10	131.33	148.73	165.61	182.48	199.35
900	77.08	84.84	93.46	97.65	120.81	139.06	157.48	175.35	193.21	211.09
950	80.92	89.11	98.65	103.07	127.53	146.77	166.23	185.09	203.94	222.81
1000	84.76	93.71	103.83	108.48	134.23	154.51	174.97	194.82	214.69	234.54
1050	88.99	98.39	109.02	113.91	140.95	162.24	183.72	204.58	225.41	246.27
1100	93.22	103.09	114.21	119.34	147.66	169.96	192.47	214.32	236.14	257.99
1150	97.46	107.78	119.42	124.76	154.39	177.69	201.22	224.06	246.88	269.72
1200	101.69	112.46	124.61	130.18	161.08	185.42	209.97	233.79	257.62	281.45
1250	105.93	117.14	129.79	135.61	167.81	193.14	218.71	243.54	268.36	293.17
1300	110.18	121.84	134.98	141.04	174.51	200.87	227.47	253.29	279.08	304.90
1350	114.41	126.52	140.17	146.45	181.24	208.59	236.21	263.03	289.82	316.64
1400	118.65	131.21	145.38	151.88	187.94	216.31	244.97	272.77	300.55	328.35
1450	122.88	135.88	150.56	157.30	194.66	224.04	253.71	282.50	311.28	340.09
1500	127.12	140.57	155.75	162.73	201.37	231.77	262.47	292.25	322.01	351.80



B: 27mm
S: 12mm, 16mm

LF-203D LF-203D-RAL



B: 27mm
S: 12mm, 16mm

LF-203D

στόμιο γραμμικό δαπέδου με διάφραγμα
linear floor air grille with damper

	100	125	150	200	250	300	350	400	450	500
200	34.61	34.61	34.61	34.61						
250	34.61	34.61	34.61	36.75	43.56					
300	34.61	36.50	40.43	42.83	50.81	57.49				
350	37.57	41.91	46.29	48.98	58.06	66.44	74.68			
400	42.55	47.32	52.21	55.01	64.24	75.37	84.60	94.46		
450	47.53	52.73	58.08	61.27	71.68	84.33	94.42	105.68	117.00	
500	52.51	58.15	63.97	67.15	79.84	93.27	104.67	116.82	129.00	140.18
550	57.50	63.57	69.72	73.30	87.27	102.20	114.17	127.92	141.12	153.36
600	62.48	68.97	75.70	79.52	94.46	111.09	124.02	139.15	153.37	167.64
650	66.86	73.71	80.62	85.12	102.19	118.29	133.13	148.94	164.74	180.82
700	71.25	78.44	85.55	90.71	109.91	125.51	142.25	158.73	176.11	194.00
750	75.46	83.26	91.18	97.20	118.00	134.52	153.84	171.80	190.14	209.81
800	80.44	88.42	97.12	104.24	127.56	146.32	168.87	185.44	203.15	221.24
850	84.76	93.58	102.77	110.32	135.50	155.47	178.18	197.56	216.56	237.46
900	89.06	98.75	108.43	116.40	143.42	164.60	187.49	209.68	229.97	253.67
950	93.56	104.53	114.64	123.73	151.62	174.03	198.33	221.52	244.02	271.25
1000	98.04	110.32	120.87	131.05	159.83	183.45	209.15	233.33	258.10	288.82
1050	103.04	115.80	129.23	137.52	167.48	191.62	219.42	244.67	271.50	296.23
1100	107.45	120.58	135.75	144.18	174.23	200.36	229.66	255.08	281.72	308.03
1150	112.42	126.18	141.19	149.68	182.38	208.16	238.94	266.63	294.68	323.48
1200	116.84	131.57	147.05	156.93	189.99	219.79	249.78	278.16	308.84	337.79
1250	121.78	137.53	154.04	163.28	198.46	229.61	261.70	291.42	323.24	353.58
1300	126.73	143.49	161.03	169.65	206.92	239.41	273.62	304.70	337.63	369.40
1350	131.67	149.45	168.02	176.03	215.40	249.23	285.54	317.98	352.02	385.21
1400	136.62	155.41	175.01	182.39	223.87	259.04	297.47	331.24	366.43	401.03
1450	141.56	161.37	182.01	188.77	232.34	268.84	309.39	344.52	380.83	416.83
1500	146.51	167.32	189.00	195.14	240.82	278.65	321.32	357.79	395.23	432.65

LF-203D-RAL

στόμιο γραμμικό δαπέδου με διάφραγμα βαμμένο
linear floor air grille with damper in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	42.78	42.78	42.78	42.78						
250	42.78	42.78	42.78	44.92	51.74					
300	42.78	44.67	48.60	51.02	58.98	65.67				
350	45.75	50.08	54.46	57.16	66.24	74.61	82.85			
400	50.73	55.50	60.39	63.18	72.41	83.56	92.78	102.64		
450	55.72	60.92	66.26	69.45	79.85	92.50	102.60	113.86	125.77	
500	60.70	66.33	72.15	75.34	88.02	101.45	112.85	125.68	138.75	150.84
550	65.68	71.74	77.89	81.49	95.46	110.37	122.91	137.67	151.86	165.09
600	70.66	77.15	83.89	87.70	102.64	119.52	133.57	149.76	165.08	180.44
650	75.04	81.89	88.80	93.30	110.36	127.42	143.48	160.44	177.42	194.68
700	79.43	86.61	93.72	98.89	118.46	135.33	153.38	171.13	189.77	208.92
750	83.64	91.44	99.36	105.37	127.16	145.05	165.76	185.08	204.78	225.80
800	88.62	96.59	105.30	112.42	137.31	157.58	181.60	199.61	218.76	238.30
850	92.93	101.76	110.96	118.69	145.86	167.41	191.71	212.61	233.13	255.59
900	97.24	106.91	116.91	125.28	154.41	177.25	201.81	225.63	247.52	272.87
950	101.74	112.71	123.62	133.09	163.22	187.37	213.43	238.34	262.58	291.50
1000	106.23	118.84	130.32	140.92	172.04	197.49	225.06	251.05	277.62	310.15
1050	111.64	124.75	139.15	147.87	180.29	206.37	236.11	263.29	292.00	318.60
1100	116.45	129.97	146.12	155.02	187.66	215.82	247.17	274.58	303.18	331.49
1150	121.84	135.98	152.04	161.02	196.43	224.33	257.22	287.01	317.11	348.00
1200	126.65	141.81	158.37	168.75	204.62	236.65	268.86	299.41	332.25	363.37
1250	132.01	148.19	165.84	175.61	213.71	247.17	281.59	313.58	347.63	380.25
1300	137.37	154.58	173.29	182.48	222.79	257.68	294.30	327.73	363.00	397.12
1350	142.73	160.96	180.75	189.34	231.88	268.19	307.02	341.89	378.38	414.00
1400	148.07	167.35	188.22	196.21	240.96	278.71	319.75	356.05	393.75	430.88
1450	153.43	173.73	195.69	203.06	250.04	289.22	332.46	370.20	409.12	447.75
1500	158.77	180.11	203.15	209.92	259.12	299.73	345.18	384.37	424.49	464.63

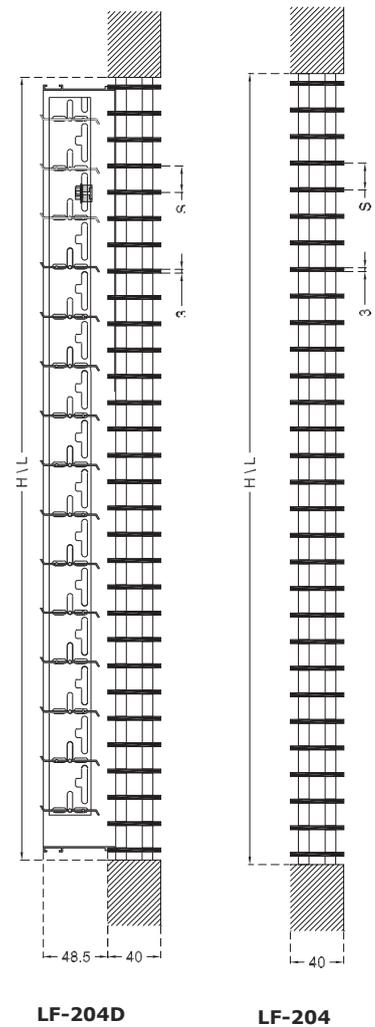
LF-204/214

στόμιο γραμμικό δαπέδου (βήμα πτερυγίου 16mm/20mm)
linear floor air grille (16mm/20mm blade pitch)

		βαμμένο-RAL
LF-204	555.00	620.00
LF-204D (Damper)	705.00	770.00

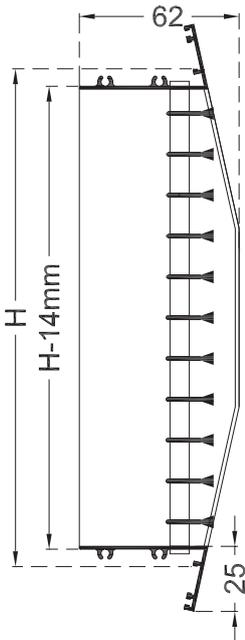
ΟΙ ΤΙΜΕΣ ΕΙΝΑΙ ΑΝΑ ΤΕΤΡΑΓΩΝΙΚΟ ΜΕΤΡΟ
PRICES PER SQUARE METER

LF-204/204D LF-204- RAL/204D-RAL



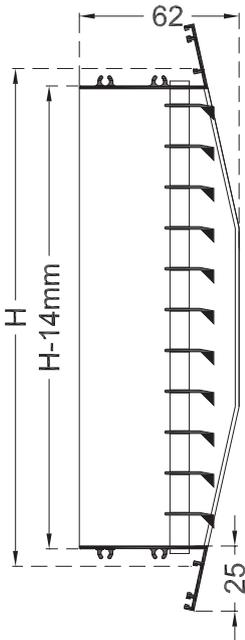
S: 16mm, 20mm

TL-201/202 TL-201/202-RAL



TL-201

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400



TL-202

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400

TL-201/202

στόμιο κυκλικού αεραγωγού
γραμμικό

linear air grilles for circular
duct

	75	115	195
200	25.74	25.74	25.74
250	25.74	25.74	28.57
300	25.74	28.30	34.31
350	29.25	33.01	40.01
400	33.43	37.71	45.74
450	37.60	42.43	51.46
500	41.80	47.14	57.17
550	45.97	51.88	62.89
600	50.15	56.57	68.58
650	54.32	61.31	74.30
700	58.50	65.99	80.03
750	62.69	70.72	85.73
800	66.87	75.44	91.46
850	71.06	80.15	97.16
900	75.24	84.87	102.91
950	79.40	89.57	108.63
1000	83.57	94.28	114.32
1050	87.75	99.02	120.04
1100	91.93	103.72	125.75
1150	96.12	108.45	131.47
1200	100.31	113.13	137.20
1250	104.49	117.86	142.90
1300	108.67	122.56	148.63
1350	112.84	127.30	154.31
1400	117.02	132.01	160.04
1450	121.19	136.73	165.76
1500	125.39	141.43	171.49

TL-201/202-RAL

στόμιο κυκλικού αεραγωγού
γραμμικό βαμμένο

linear air grilles for circular
duct in RAL colour

	75	115	195
200	34.59	34.59	34.59
250	34.59	34.59	37.42
300	34.59	37.15	43.16
350	38.10	41.86	48.86
400	42.28	46.56	54.59
450	46.45	51.28	60.31
500	50.65	55.99	66.02
550	54.82	60.73	71.74
600	59.00	65.42	77.43
650	63.17	70.16	83.15
700	67.35	74.84	88.88
750	71.54	79.57	94.58
800	75.72	84.29	100.31
850	79.91	89.00	106.01
900	84.09	93.72	111.76
950	88.25	98.42	117.48
1000	92.42	103.13	123.17
1050	96.60	107.87	128.89
1100	100.78	112.57	134.60
1150	104.97	117.30	140.32
1200	109.16	121.98	146.05
1250	113.34	126.71	151.75
1300	117.52	131.41	157.48
1350	121.69	136.15	163.16
1400	125.87	140.86	168.89
1450	130.04	145.58	174.61
1500	134.24	150.28	180.34

TL-201/202D

στόμιο κυκλικού αεραγωγού γραμμικό με διάφραγμα βαμμένο

linear air grille for circular duct with damper

	75	115	195
200	36.03	36.03	36.68
250	36.03	36.03	39.88
300	36.03	38.59	46.61
350	39.54	44.32	53.51
400	45.45	50.84	61.42
450	51.53	58.59	68.51
500	56.60	62.20	75.04
550	61.45	68.48	81.27
600	66.61	74.05	89.17
650	71.40	79.47	93.49
700	76.18	84.99	97.84
750	80.64	90.18	109.12
800	86.13	95.34	116.82
850	90.73	101.09	123.62
900	95.34	106.91	130.40
950	100.07	113.16	138.60
1000	104.91	119.41	146.70
1050	110.50	125.67	154.27
1100	115.24	130.53	161.93
1150	120.62	136.63	167.90
1200	125.37	142.53	185.34
1250	130.64	148.94	182.41
1300	135.91	155.28	188.82
1350	141.22	161.75	195.20
1400	146.49	168.12	201.62
1450	151.80	172.52	213.52
1500	157.13	180.93	221.27

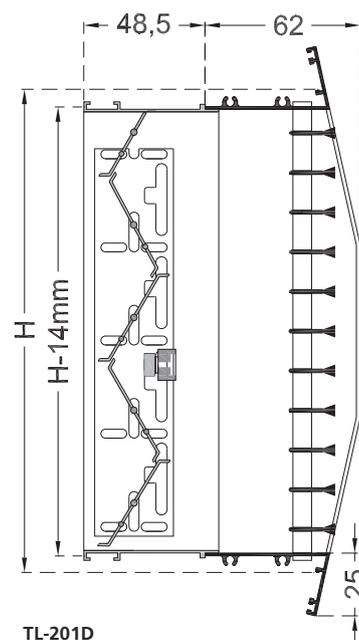
TL-201/202D-RAL

στόμιο κυκλικού αεραγωγού γραμμικό με διάφραγμα βαμμένο

linear air grille for circular duct with damper in RAL colour

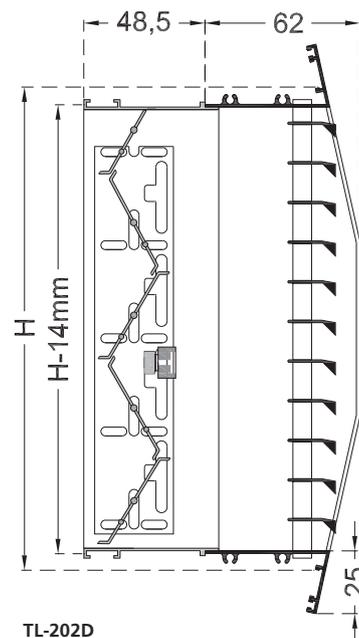
	75	115	195
200	44.88	44.88	45.53
250	44.88	44.88	48.73
300	44.88	47.44	55.46
350	48.39	53.17	62.36
400	54.30	59.69	70.27
450	60.38	67.44	77.36
500	65.45	71.05	83.89
550	70.30	77.33	90.12
600	75.46	82.90	98.02
650	80.25	88.32	102.34
700	85.03	93.84	106.69
750	89.49	99.03	117.97
800	94.98	104.19	125.67
850	99.58	109.94	132.47
900	104.19	115.76	139.25
950	108.92	122.01	147.45
1000	113.76	128.26	155.55
1050	119.35	134.52	163.12
1100	124.09	139.38	170.78
1150	129.47	145.48	176.75
1200	134.22	151.38	194.19
1250	139.49	157.79	191.26
1300	144.76	164.13	197.67
1350	150.07	170.60	204.05
1400	155.34	176.97	210.47
1450	160.65	181.37	222.37
1500	165.98	189.78	230.12

TI-201/202D TI-201/202D-RAL



TL-201D

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400



TL-202D

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400

SL-801-810
SL-801-810D/E/DE



SL-801 - 810

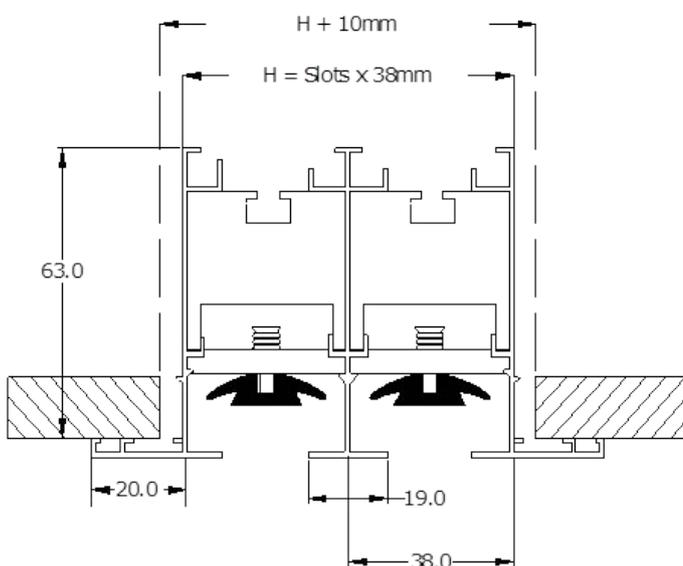
στόμιο slot - slot diffuser

D
διάφραγμα

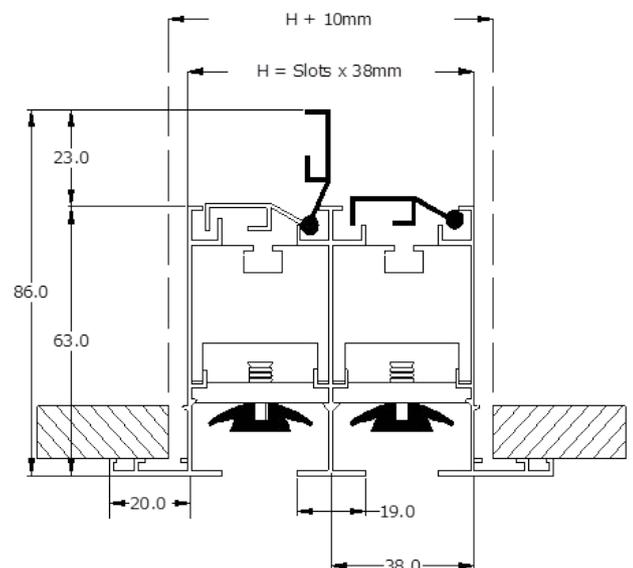
damper

801 (μίας σχισμής) (one slot)	30.71	48.84
802 (δύο σχισμών) (two slots)	49.89	71.37
803 (τριών σχισμών) (three slots)	69.07	94.20
804 (τεσσάρων σχισμών) (four slots)	88.26	114.75
805 (πέντε σχισμών) (five slots)	107.45	139.88
806 (έξι σχισμών) (six slots)	126.65	164.44
807 (επτά σχισμών) (seven slots)	145.84	188.82
808 (οκτώ σχισμών) (eight slots)	165.00	215.10
809 (εννέα σχισμών) (nine slots)	184.22	240.44
810 (δέκα σχισμών) (ten slots)	203.39	266.34

SL-802



SL-802D

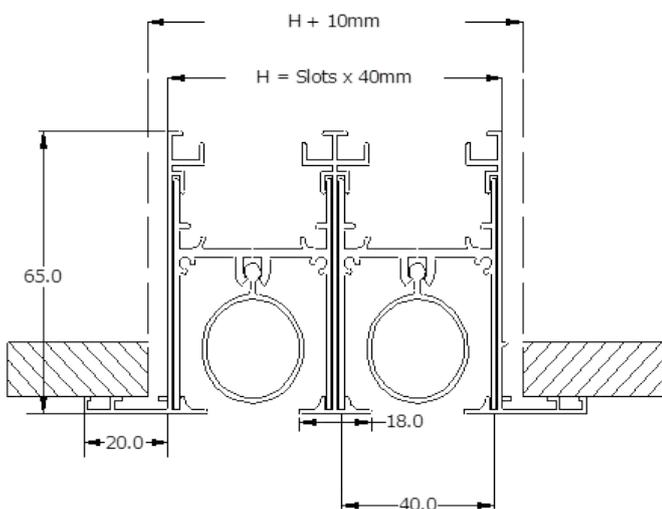


SL-801 - 810

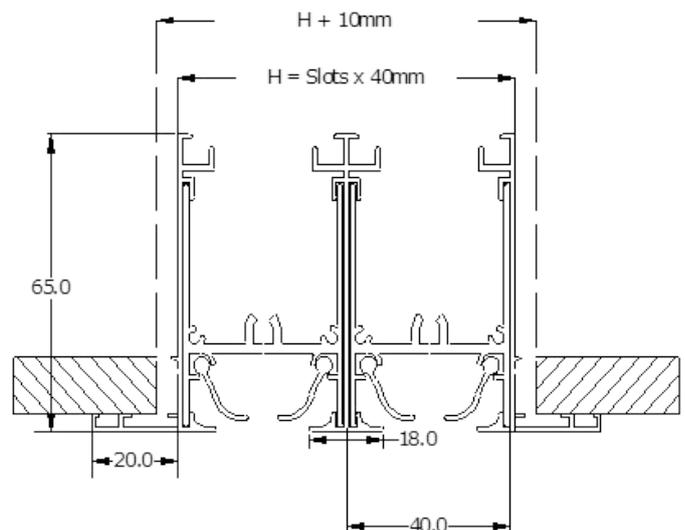
στόμιο slot - slot diffuser

E	DE	RAL	D-RAL	E-RAL	DE-RAL
εσχάρα	διάφραγμα & εσχάρα	βαμμένο	διάφραγμα βαμμένο	εσχάρα βαμμένο	διάφραγμα & εσχάρα βαμμένο
equalizing grid	damper & equalizing grid	in RAL colour	damper in RAL colour	equalizing grid in RAL colour	damper & equalizing grid in RAL colour
33.79	51.23	41.61	59.23	44.18	61.62
54.88	76.36	60.80	81.76	65.26	86.75
75.98	101.11	79.99	104.59	86.37	111.50
97.11	123.58	99.19	125.14	107.50	133.97
118.19	150.61	118.20	150.11	128.42	160.85
139.32	177.12	139.32	176.51	151.38	189.21
162.04	205.03	160.41	202.71	175.92	218.91
181.51	231.60	181.51	230.82	197.23	247.31
202.64	258.86	202.64	257.99	220.18	276.40
223.75	286.68	223.74	285.70	234.11	306.06

SL-802-S



SL-802-P



SL-851-859
SL-851-859D/E/DE

SL-851 - 859

στόμιο slot - κρυφή στήριξη
 slot diffuser - concealed fixing

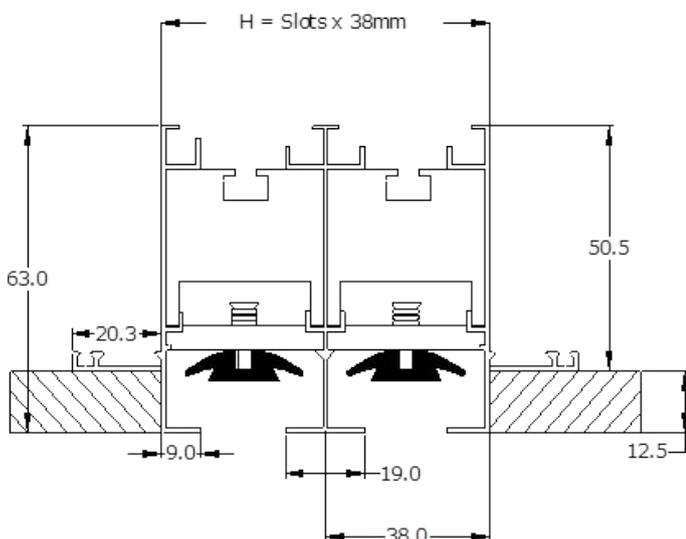


D
διάφραγμα

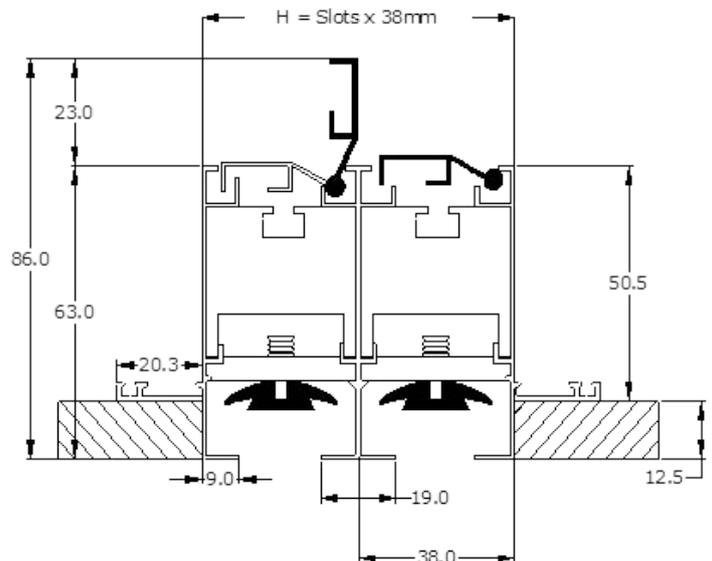
damper

851 (μίας σχισμής) (one slot)	36.85	58.61
852 (δύο σχισμών) (two slots)	59.87	85.64
853 (τριών σχισμών) (three slots)	82.88	113.04
854 (τεσσάρων σχισμών) (four slots)	105.91	137.70
855 (πέντε σχισμών) (five slots)	128.94	167.86
856 (έξι σχισμών) (six slots)	151.98	197.33
857 (επτά σχισμών) (seven slots)	175.01	226.58
858 (οκτώ σχισμών) (eight slots)	198.00	258.12
859 (εννέα σχισμών) (nine slots)	221.06	288.53

SL-852



SL-852D

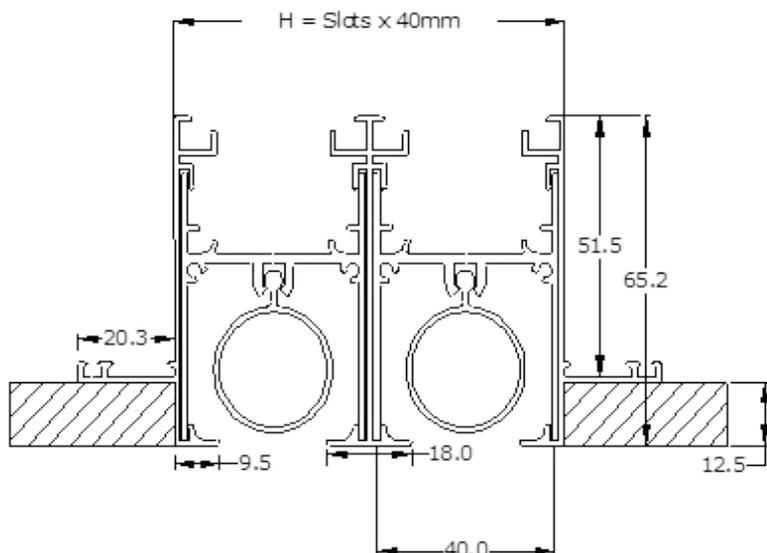


SL-851 - 859

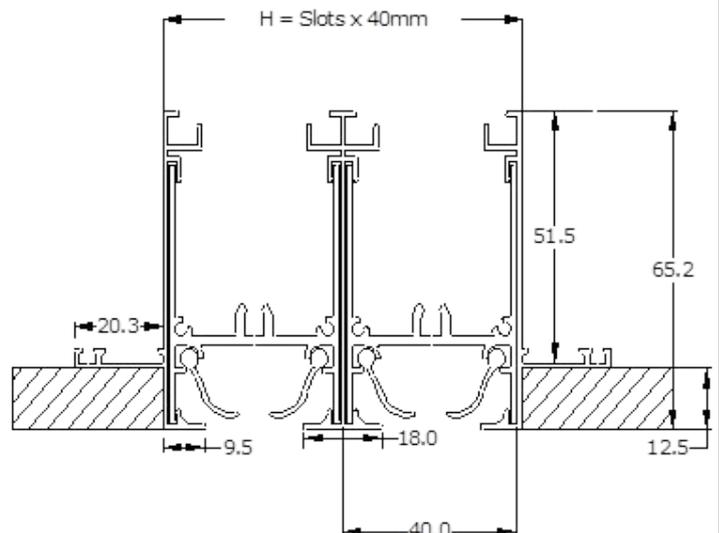
στόμιο slot - κρυφή στήριξη
slot diffuser - concealed fixing

Ε εσχάρα	DE διάφραγμα & εσχάρα	RAL βαμμένο	D-RAL διάφραγμα βαμμένο	E-RAL εσχάρα βαμμένο	DE-RAL διάφραγμα & εσχάρα βαμμένο
equalizing grid	damper & equalizing grid	in RAL colour	damper in RAL colour	equalizing grid in RAL colour	damper & equalizing grid in RAL colour
40.55	61.48	49.93	71.08	53.02	73.94
65.86	91.63	72.96	98.11	78.31	104.10
91.18	121.33	95.99	125.51	103.64	133.80
116.53	148.30	119.03	150.17	129.00	160.76
141.83	180.73	141.84	180.13	154.10	193.02
167.18	212.54	167.18	211.81	181.66	227.05
194.45	246.04	192.49	243.25	211.10	262.69
217.81	277.92	217.81	276.98	236.68	296.77
243.17	310.63	243.17	309.59	264.22	331.68

SL-852-S



SL-852-P



SL-850-L

στόμιο σχισμής τύπου slot για μεγάλες παροχές αέρα linear slot diffuser

SL-850-L RAL

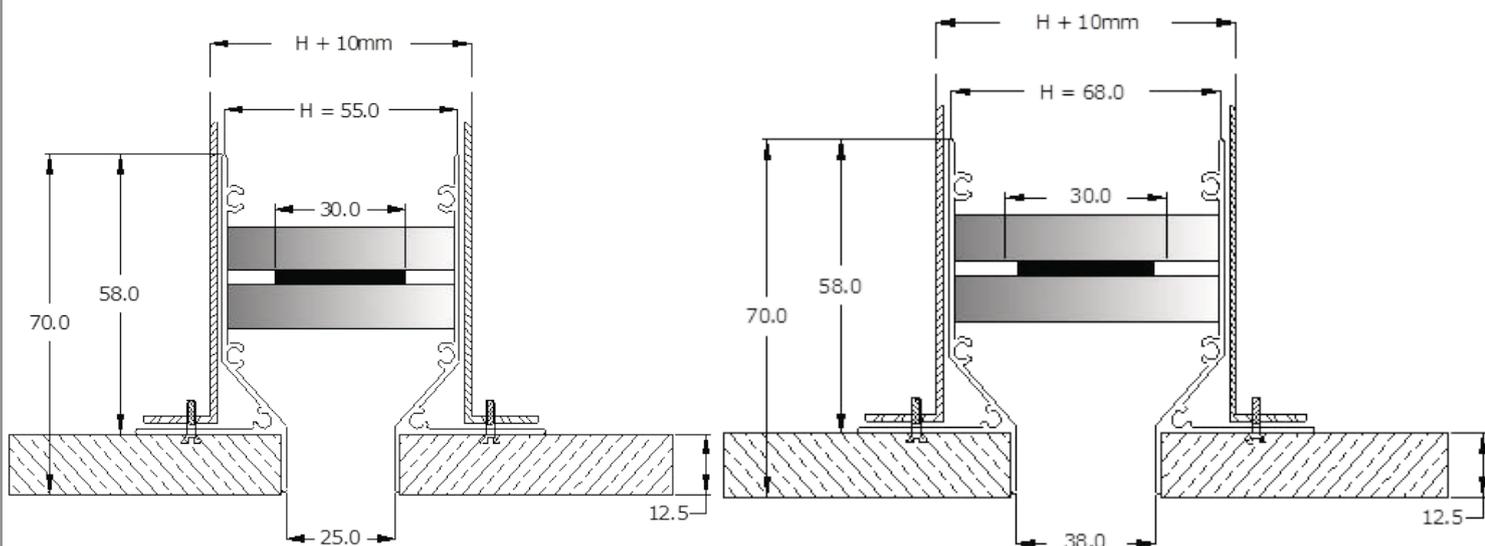
Τιμή ανά μέτρο στομίου

SL-851-L-1" RAL	66.67
SL-851-L-1.5" RAL	77.78
SL-851-L-2" RAL	88.89
SL-851-L-2.5" RAL	100.00
SL-852-L-1" RAL	144.44
SL-852-L-1.5" RAL	166.67
SL-852-L-2" RAL	188.89
SL-852-L-2.5" RAL	211.11
SL-851-L-1" -E RAL	100.00
SL-851-L-1.5" -E RAL	111.11
SL-852-L-1" -E RAL	211.11
SL-852-L-1.5" -E RAL	233.33



SL-851-L-1"

SL-851-L-1.5"







CM-501/502
 CM-501/502-RAL
 CM-501/502D
 CM-501/502D-RAL

CM-501/502-A
 CM-501/502-A-RAL
 CM-501/502-F
 CM-501/502-F-RAL
 CM-501/502-A-F
 CM-501/502-A-F-RAL

CM-503/504
 CM-503/504-RAL
 CM-503/504D
 CM-503/504D-RAL

CM-503/504-A
 CM-503/504-A-RAL
 CM-503/504-F
 CM-503/504-F-RAL
 CM-503/504-A-F
 CM-503/504-A-F-RAL

TM-501/502
 TM-501/502-RAL
 TM-501/502D
 TM-501/502D-RAL

SW-504
 SW-504-P
 SW-604
 SW-604-P

CA-601/2/3
 CA-601/2/3-RAL
 CA-601/2/3D
 CA-601/2/3D-RAL
 CA-601/2/3-E
 CA-601/2/3E-RAL
 CA-601/2/3D-E
 CA-601/2/3D-E-RAL

CA-604
 CA-604-RAL
 CA-604D
 CA-604D-RAL
 CA-604-E
 CA-604-E-RAL
 CA-604D-E
 CA-604D-E-RAL

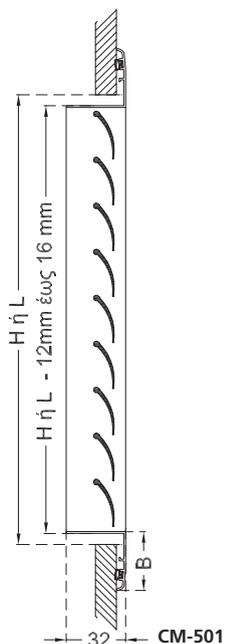
CR-700/D/D-E
 CR-700-RAL/D-RAL/D-E-RAL
 CR-750/D/B/D-B

SW-TUBE

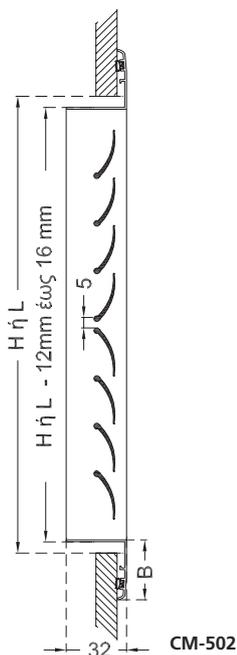
SW-1100-R/T/R-S/T-S
 SW-1100-R/T/R-S/T-S P

SW-1150-R/T

CM-501/502 CM-501/502-RAL



B: 32mm, 19mm



B: 32mm, 19mm

CM-501/502

στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων
ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern

	100	125	150	200	250	300	350	400	450	500
200	19.96	19.96	19.96	21.31						
250	19.96	19.96	19.96	21.87	24.38					
300	19.96	19.96	20.33	22.84	26.49	30.51				
350	19.96	20.53	21.87	24.38	27.54	31.46	35.88			
400	21.31	22.84	24.38	27.43	31.65	35.88	39.72	44.52		
450	24.95	26.29	27.26	29.73	33.58	37.22	41.83	46.43	56.05	
500	27.43	29.17	30.51	32.81	36.65	40.49	46.15	51.81	58.92	65.04
550	29.17	30.88	33.58	37.04	41.99	46.60	51.30	56.18	62.71	70.53
600	30.88	32.81	35.11	38.39	44.52	48.94	59.49	65.04	69.47	77.72
650	31.66	33.87	37.81	42.13	47.87	53.15	62.26	69.94	75.80	83.18
700	32.44	34.93	40.49	45.86	51.24	57.38	65.04	74.83	82.13	88.66
750	34.15	37.22	41.83	47.39	53.54	59.87	68.12	77.33	85.78	90.77
800	35.88	39.52	45.66	52.38	60.06	68.12	75.80	83.09	90.37	97.87
850	36.75	40.77	47.68	54.88	62.56	70.33	78.96	84.53	95.17	102.65
900	37.62	42.02	49.70	57.38	65.04	72.54	82.13	85.95	99.98	107.45
950	38.48	43.36	51.61	61.88	68.88	76.67	86.62	93.36	105.54	114.75
1000	39.33	44.70	53.54	66.40	72.72	80.79	91.13	100.75	111.10	122.03
1050	40.69	47.77	54.12	66.96	74.06	83.48	94.03	103.81	113.40	124.73
1100	45.48	51.24	56.98	69.27	79.05	89.79	100.55	111.10	122.03	132.98
1150	47.20	52.38	58.15	70.42	81.17	93.06	101.50	115.13	126.07	137.58
1200	48.53	53.73	59.68	71.96	82.70	94.60	105.72	116.66	127.41	139.12
1250	49.70	55.08	61.07	73.49	85.10	98.05	109.86	121.55	133.07	146.83
1300	50.84	56.42	62.48	75.03	87.49	101.52	113.98	126.44	138.73	154.53
1350	52.00	57.76	63.90	76.57	89.90	104.96	118.11	131.34	144.40	162.25
1400	53.15	59.11	65.30	78.10	92.29	108.42	122.23	136.23	150.05	169.95
1450	54.31	60.46	66.70	79.63	94.70	111.87	126.36	141.13	155.72	177.67
1500	55.46	61.80	68.12	81.17	97.11	115.32	130.49	146.04	161.37	185.37

CM-501/502-RAL

στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων βαμμένο
ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern
in RAL colour

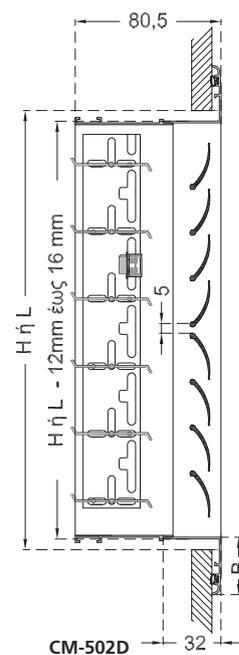
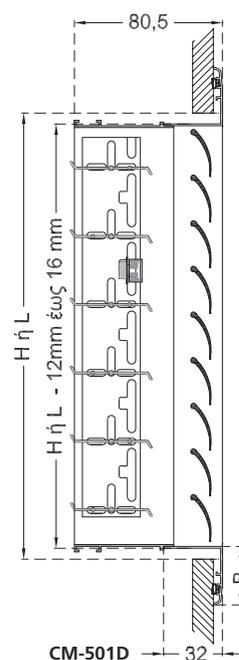
	100	125	150	200	250	300	350	400	450	500
200	28.15	28.15	28.15	29.49						
250	28.15	28.15	28.15	30.05	32.55					
300	28.15	28.15	28.51	31.01	34.66	38.70				
350	28.15	28.71	30.05	32.55	35.73	39.64	44.07			
400	29.49	31.01	32.55	35.62	39.83	44.07	47.90	52.70		
450	33.12	34.45	35.43	37.92	41.76	45.41	50.02	54.62	64.21	
500	35.62	37.35	38.70	40.99	44.84	48.66	49.05	59.98	67.09	73.23
550	37.35	39.06	41.76	45.21	50.17	54.77	59.49	64.36	70.88	78.72
600	39.06	40.99	43.30	46.57	52.70	57.12	67.67	73.23	77.64	85.90
650	39.84	42.04	45.98	50.30	56.06	61.34	70.44	78.12	83.98	91.50
700	40.61	43.10	48.66	54.04	59.41	65.56	73.23	83.02	90.34	97.53
750	42.33	45.41	50.02	55.57	61.72	68.05	76.30	85.49	94.35	99.84
800	44.07	47.71	53.85	60.57	68.24	76.30	83.98	91.40	99.42	107.65
850	44.93	48.95	55.86	63.05	70.73	78.51	87.14	92.98	104.69	112.92
900	45.80	50.19	57.87	65.56	73.23	80.72	90.34	94.56	109.98	118.19
950	46.65	51.53	59.80	70.06	77.06	84.84	95.30	102.68	116.09	126.21
1000	47.51	52.88	61.72	74.58	80.91	88.98	100.25	110.81	122.21	134.23
1050	48.86	55.96	62.29	75.14	82.25	91.82	103.43	114.19	124.74	137.20
1100	53.66	59.41	65.16	77.45	87.23	98.78	110.61	122.21	134.23	146.28
1150	55.38	60.57	66.33	78.61	89.34	102.37	111.65	126.64	138.67	151.33
1200	56.72	61.91	67.85	80.15	90.97	104.07	116.30	128.32	140.15	153.03
1250	57.87	63.26	69.26	81.68	93.60	107.87	120.85	133.71	146.38	161.50
1300	59.03	64.60	70.66	83.22	96.24	111.66	125.39	139.08	152.60	169.98
1350	60.18	65.95	72.07	84.76	98.89	115.46	129.91	144.47	158.83	178.48
1400	61.34	67.29	73.48	86.27	101.53	119.25	134.45	149.85	165.06	186.94
1450	62.49	68.63	74.89	87.81	104.18	123.06	139.00	155.24	171.28	195.44
1500	63.63	69.97	76.30	89.34	106.81	126.85	143.54	160.62	177.51	203.91

CM-501/502D

στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων με διάφραγμα
ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern with damper

	100	125	150	200	250	300	350	400	450	500
200	30.96	30.96	30.96	32.25						
250	30.96	30.96	30.96	33.96	37.42					
300	30.96	30.96	32.44	36.08	40.69	45.86				
350	30.96	32.61	35.11	38.83	42.89	48.73	54.88			
400	33.23	36.08	38.82	42.99	47.08	55.08	60.70	68.13		
450	38.03	40.69	42.86	46.62	50.32	58.35	64.68	72.40	85.21	
500	41.67	44.72	47.28	50.65	55.47	63.53	66.00	80.07	90.32	98.62
550	44.55	47.60	51.37	56.10	62.14	71.53	77.99	86.69	96.48	106.63
600	47.42	50.68	54.18	58.73	65.74	75.73	88.09	97.91	105.72	117.44
650	48.75	52.20	57.07	63.13	70.73	80.15	92.00	103.75	113.67	125.42
700	50.08	53.73	59.95	67.52	75.71	84.56	95.93	109.57	121.62	133.40
750	52.20	56.61	62.23	70.60	80.01	89.03	102.65	116.29	129.52	140.67
800	55.08	59.78	67.27	77.72	89.99	102.08	117.43	126.84	137.39	148.52
850	56.42	61.93	70.21	81.36	94.31	106.40	121.95	131.54	145.84	158.87
900	57.76	64.08	73.15	85.01	98.64	110.74	126.46	136.23	154.29	169.24
950	59.29	66.96	76.58	91.91	104.57	117.25	133.85	146.61	164.16	183.44
1000	60.82	69.83	80.01	98.81	110.52	123.78	141.23	156.96	174.04	197.65
1050	63.34	74.13	84.24	100.93	113.40	127.62	146.42	162.51	179.97	197.09
1100	68.72	78.11	88.90	104.94	119.03	135.65	155.24	171.36	189.07	206.47
1150	71.58	80.59	90.77	106.68	123.21	139.71	157.51	178.08	196.29	215.86
1200	73.50	83.07	93.43	110.53	126.22	145.85	164.63	182.27	202.05	221.03
1250	75.78	86.12	97.12	113.49	131.00	152.09	172.72	191.59	212.36	233.89
1300	78.04	89.16	100.79	116.47	135.77	158.32	180.82	200.89	222.65	246.75
1350	80.32	92.21	104.47	119.44	140.55	164.57	188.91	210.21	232.96	259.62
1400	82.59	95.25	108.15	122.42	145.31	170.81	197.01	219.52	243.24	272.48
1450	84.87	98.30	111.83	125.39	150.08	177.04	205.11	228.83	253.55	285.34
1500	87.13	101.33	115.52	128.36	154.86	183.28	213.21	238.14	263.85	298.19

CM-501/502D CM-501/502D-RAL



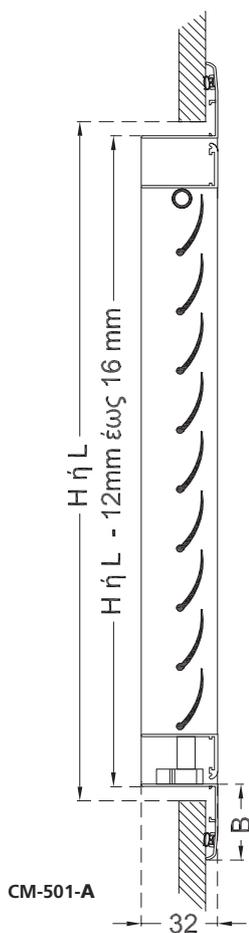
B: 32mm, 19mm

CM-501/502D-RAL

στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων με διάφραγμα
βαμμένο
ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern with
damper in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	39.15	39.15	39.15	40.43						
250	39.15	39.15	39.15	42.14	45.61					
300	39.15	39.15	40.61	44.26	48.86	54.04				
350	39.15	40.80	43.30	47.01	51.07	56.91	63.06			
400	41.42	44.26	46.99	51.17	55.26	63.26	68.88	76.32		
450	46.20	48.86	51.04	54.80	58.51	66.52	72.85	80.59	93.38	
500	49.84	52.90	55.46	58.83	63.65	71.71	74.17	88.25	98.49	106.80
550	52.73	55.77	59.54	64.28	70.31	79.72	86.16	94.88	104.67	114.81
600	55.60	58.85	62.36	66.91	73.92	83.92	96.25	106.09	113.91	125.62
650	56.94	60.38	65.24	71.30	78.91	88.33	100.19	111.93	121.86	133.74
700	58.27	61.91	68.13	75.70	83.90	92.73	104.12	117.76	129.83	142.26
750	60.37	64.79	70.40	78.78	88.20	97.22	110.82	124.45	138.11	149.74
800	63.26	67.96	75.45	85.90	98.16	110.25	125.61	135.13	146.42	158.31
850	64.60	70.11	78.39	89.54	102.49	114.58	130.12	139.99	155.35	169.15
900	65.95	72.26	81.33	93.17	106.81	118.91	134.67	144.84	164.27	179.97
950	67.47	75.14	84.77	100.09	112.75	125.43	142.52	155.94	174.71	194.91
1000	69.00	78.01	88.20	107.00	118.69	131.97	150.34	167.04	185.15	209.84
1050	71.51	82.31	92.40	109.11	121.57	135.96	155.83	172.90	191.32	209.55
1100	76.90	86.28	97.09	113.12	127.22	144.63	165.30	182.47	201.28	219.77
1150	79.76	88.77	98.94	114.86	131.38	149.01	167.67	189.59	208.90	229.63
1200	81.69	91.26	101.61	118.70	134.51	155.31	175.20	193.93	214.79	234.95
1250	83.95	94.30	105.30	121.67	139.51	161.89	183.71	203.73	225.65	248.58
1300	86.23	97.34	108.98	124.65	144.52	168.48	192.23	213.54	236.52	262.21
1350	88.49	100.39	112.65	127.62	149.53	175.05	200.73	223.33	247.39	275.84
1400	90.77	103.43	116.34	130.60	154.54	181.64	209.23	233.13	258.26	289.48
1450	93.04	106.47	120.01	133.56	159.56	188.23	217.74	242.95	269.13	303.10
1500	95.32	109.52	123.68	136.54	164.57	194.81	226.25	252.75	279.98	316.72

CM-501/502-A CM-501/502-A-RAL



B: 32mm, 19mm

CM-501/502-A

στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων ανοιγόμενο
ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern -
accessible

	100	125	150	200	250	300	350	400	450	500
200	25.48	25.48	25.48	27.08						
250	25.48	25.48	25.48	27.78	31.13					
300	25.48	25.48	26.00	29.59	33.89	38.58				
350	25.48	26.44	28.37	31.45	35.61	40.33	45.41			
400	27.41	29.59	31.78	35.40	40.38	45.41	50.42	56.70		
450	32.02	33.69	34.91	38.36	43.11	47.75	54.01	59.99	71.00	
500	35.17	37.24	39.29	42.25	47.02	52.01	53.70	65.97	74.69	82.97
550	37.06	39.10	42.64	46.76	52.61	58.45	64.80	71.13	79.99	89.45
600	39.61	42.02	44.64	48.92	56.04	61.94	73.80	81.00	87.40	97.64
650	40.63	43.28	47.63	53.08	59.96	66.47	76.85	86.38	93.99	103.58
700	41.65	44.56	50.59	57.22	63.90	71.03	79.92	91.78	100.54	109.56
750	43.68	47.26	52.45	59.39	66.86	75.02	85.07	96.40	107.32	114.95
800	45.84	50.05	56.67	65.61	75.34	85.64	95.05	103.80	113.41	122.55
850	47.04	51.82	59.17	68.77	78.51	88.78	99.23	106.58	119.75	129.38
900	48.24	53.61	61.63	71.93	81.66	91.94	103.42	109.31	126.12	136.23
950	49.50	55.74	65.18	77.66	86.31	97.05	109.20	118.45	133.34	145.17
1000	50.75	57.86	68.75	83.43	90.98	102.18	114.98	127.56	140.54	154.10
1050	52.45	61.42	69.84	84.37	94.31	105.68	118.54	131.44	143.01	158.44
1100	57.57	65.40	73.18	87.35	100.09	112.83	125.46	139.56	153.44	167.53
1150	59.78	67.20	74.91	89.16	102.99	117.24	128.08	144.90	158.80	172.95
1200	61.53	69.01	77.37	91.88	104.74	119.61	133.52	147.92	161.96	176.95
1250	63.29	71.29	79.98	95.05	108.49	124.60	139.06	154.58	169.54	186.99
1300	64.99	73.55	82.64	98.23	112.21	129.63	144.58	161.25	177.10	197.01
1350	66.76	75.82	85.29	101.42	115.98	134.60	150.11	167.94	184.69	207.06
1400	68.49	78.08	87.91	104.59	119.70	139.63	155.62	174.60	192.27	217.10
1450	70.25	80.35	90.55	106.42	124.47	144.61	161.15	181.29	199.85	227.15
1500	72.00	82.62	93.20	112.64	131.32	149.60	166.65	187.96	207.41	237.18

CM-501/502-A-RAL

στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων ανοιγόμενο βαμμένο
ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern
accessible in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	34.82	34.82	34.82	36.43						
250	34.82	34.82	34.82	37.13	40.47					
300	34.82	34.82	35.36	38.93	43.23	47.92				
350	34.82	35.79	37.71	40.80	44.95	49.68	54.77			
400	36.76	38.93	41.12	44.75	49.72	54.77	59.76	66.04		
450	41.37	43.03	44.26	47.72	52.47	57.10	63.35	69.35	80.37	
500	44.51	46.58	48.65	51.61	56.36	61.35	63.04	75.31	84.04	92.32
550	46.41	48.45	51.98	56.10	61.95	67.79	74.14	80.50	89.33	98.79
600	48.95	51.37	54.00	58.27	65.38	71.29	83.15	90.35	96.75	106.98
650	49.97	52.63	56.97	62.42	69.31	75.81	86.20	95.73	103.34	112.92
700	51.00	53.90	59.95	66.56	73.26	80.38	89.27	101.12	109.89	118.91
750	53.04	56.61	61.79	68.75	76.21	84.36	94.41	105.75	116.67	124.30
800	55.18	59.40	66.02	74.97	84.71	94.99	104.39	113.16	122.75	131.89
850	56.38	61.16	68.52	78.12	87.86	98.14	108.58	115.92	129.10	138.73
900	57.58	62.95	70.96	81.28	91.00	101.29	112.77	118.66	135.46	145.58
950	58.85	65.09	74.53	87.01	95.65	106.41	118.55	127.79	142.69	154.52
1000	60.12	67.20	78.10	92.77	100.33	111.52	124.33	136.90	149.88	163.45
1050	61.80	70.77	79.18	93.73	103.65	115.03	127.89	140.79	152.36	167.80
1100	66.92	74.74	82.53	96.71	109.43	122.17	134.80	148.90	162.80	176.87
1150	69.12	76.54	84.26	98.51	112.32	126.59	137.42	154.24	168.15	182.37
1200	70.88	78.38	86.71	101.22	114.09	128.95	142.86	157.27	171.30	187.04
1250	72.64	80.63	89.33	104.39	117.84	133.94	148.41	163.93	179.25	197.69
1300	74.35	82.91	91.98	107.57	121.56	138.97	153.92	170.61	187.34	208.35
1350	76.11	85.16	94.64	110.76	125.32	143.94	159.46	177.70	195.44	219.02
1400	77.84	87.43	97.26	113.92	129.06	148.97	164.97	184.84	203.52	229.67
1450	79.60	89.70	99.89	115.76	133.81	153.95	170.49	191.99	211.61	240.35
1500	81.36	91.96	102.55	118.67	137.70	158.95	176.30	199.15	219.69	251.00

CM-501/502-F

στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων με φίλτρο
ceiling air grille with adjustable curved blades - 1 or 2 way throw
pattern with filter

	100	125	150	200	250	300	350	400	450	500
200	25.00	25.00	25.00	26.68						
250	25.00	25.00	25.00	28.59	32.77					
300	25.00	25.00	26.37	30.90	36.57	42.61				
350	25.00	26.17	28.92	33.77	39.30	45.56	52.33			
400	26.68	29.30	32.44	38.16	45.09	52.00	58.53	66.00		
450	30.99	33.55	36.32	41.82	48.70	55.36	62.97	70.62	83.25	
500	34.16	37.24	40.58	46.24	53.45	60.64	64.36	78.66	89.14	98.62
550	36.57	39.74	44.67	51.81	60.47	68.77	77.16	85.72	95.97	107.46
600	38.95	42.48	47.19	54.52	64.67	73.13	87.69	97.29	105.75	118.01
650	40.40	44.34	50.91	59.59	69.71	79.34	92.81	104.85	115.10	126.82
700	41.83	46.22	54.59	64.67	74.74	85.58	97.95	112.45	124.43	135.68
750	44.22	49.31	56.95	67.55	78.72	90.09	103.39	117.62	131.11	141.14
800	46.62	52.41	61.77	73.87	86.92	100.36	113.41	126.06	138.73	151.60
850	48.17	54.46	64.81	77.72	91.10	104.58	118.92	130.21	146.55	159.73
900	49.71	56.52	67.82	81.57	95.26	108.80	124.43	134.31	154.37	167.90
950	51.25	58.67	70.75	87.40	100.77	114.95	131.29	144.41	162.97	178.56
1000	52.76	60.82	73.69	93.26	106.30	121.09	138.14	154.48	171.54	189.20
1050	54.80	64.68	75.27	95.16	109.33	125.79	143.40	160.22	176.87	195.24
1100	60.26	68.97	79.14	98.83	115.97	134.10	152.26	170.20	188.52	206.85
1150	62.64	70.92	81.30	101.32	119.79	139.41	155.58	176.90	195.58	214.81
1200	64.65	73.07	83.85	104.20	122.99	142.95	162.14	181.14	199.95	219.72
1250	66.50	75.22	86.24	107.06	127.08	148.43	168.62	188.70	208.63	230.79
1300	68.29	77.38	88.69	109.94	131.13	153.91	175.09	196.30	217.30	241.84
1350	70.15	79.54	91.12	112.84	135.23	159.35	181.59	203.88	225.99	252.91
1400	71.95	81.67	93.51	115.69	139.30	164.85	188.04	211.44	234.69	263.98
1450	73.79	83.83	95.92	121.64	141.02	170.29	194.53	219.04	243.37	275.06
1500	75.63	85.99	98.34	125.25	144.88	175.77	201.00	226.62	252.04	286.12

CM-501/502-F CM-501/502-F-RAL



CM-501-F

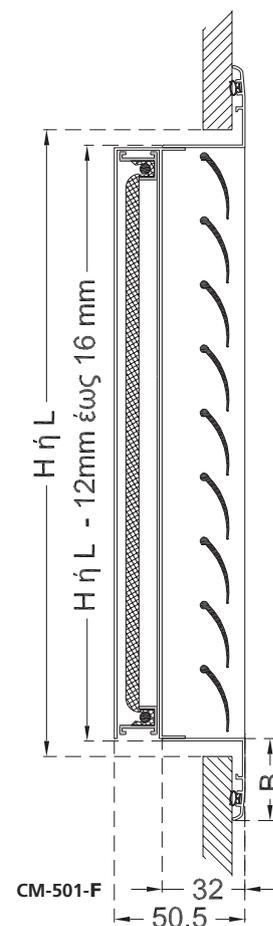


CM-502-F

CM-501/502-F-RAL

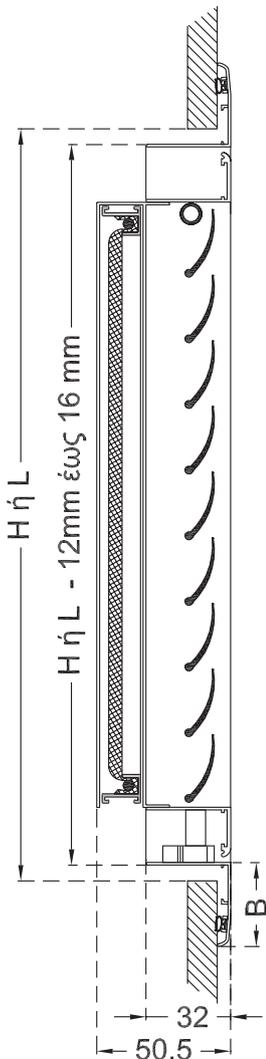
στόμιο οροφής με καμπύλα πτερύγια μίας/δύο κατευθύνσεων με φίλτρο
βαμμένο
ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern with
filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	33.18	33.18	33.18	34.86						
250	33.18	33.18	33.18	36.77	40.96					
300	33.18	33.18	34.55	39.09	44.75	50.78				
350	33.18	34.35	37.10	41.96	47.48	53.74	60.50			
400	34.86	37.46	40.63	46.34	53.27	60.17	66.71	74.18		
450	39.17	41.73	44.50	50.00	56.87	63.52	71.16	78.80	91.42	
500	42.33	45.43	48.76	54.41	61.63	68.82	72.54	86.84	97.31	106.80
550	44.74	47.91	52.84	60.00	68.64	76.94	85.33	93.91	104.14	115.64
600	47.14	50.65	55.38	62.69	72.85	81.31	95.87	105.46	113.92	126.20
650	48.58	52.52	59.07	67.77	77.88	87.52	101.00	113.04	123.28	135.01
700	50.01	54.39	62.76	72.85	82.93	93.76	106.13	120.64	132.62	143.85
750	52.40	57.48	65.12	75.73	86.90	98.26	111.56	125.80	139.29	149.32
800	54.80	60.60	69.95	82.04	95.09	108.53	121.60	134.25	146.90	159.77
850	56.34	62.65	72.99	85.89	99.28	112.75	127.11	138.38	154.72	167.91
900	57.89	64.70	76.00	89.75	103.44	116.98	132.62	142.48	162.54	176.07
950	59.41	66.85	78.92	95.57	108.95	123.12	139.47	152.60	171.14	186.73
1000	60.94	69.00	81.87	101.45	114.48	129.27	146.31	162.65	179.72	197.38
1050	62.98	72.87	83.45	103.34	117.51	133.97	151.56	168.40	185.05	203.43
1100	68.44	77.16	87.33	107.00	124.16	142.29	160.43	178.37	196.70	215.03
1150	70.82	79.10	89.49	109.49	127.98	147.58	163.75	185.09	203.77	223.06
1200	72.83	81.26	92.03	112.37	131.17	151.13	170.31	189.33	208.12	228.54
1250	74.67	83.41	94.42	115.25	135.25	156.59	176.80	196.89	217.15	240.15
1300	76.48	85.56	96.85	118.12	139.32	162.10	183.27	204.47	226.26	251.75
1350	78.31	87.71	99.29	121.01	143.41	167.54	189.77	212.41	235.40	263.37
1400	80.13	89.86	101.69	123.88	147.47	173.04	196.22	220.40	244.52	274.98
1450	81.97	92.01	104.09	129.82	149.20	178.48	202.71	228.40	253.66	286.61
1500	83.81	94.18	106.52	133.42	153.07	183.95	209.44	236.40	262.79	298.21



B: 32mm, 19mm

CM-501/502-A-F
CM-501/502-A-F-RAL



CM-501-A-F

B: 32mm, 19mm

CM-501/502-A-F

#

W]]b[U]f [f] Y k]h UX' ghUV Y Wfj YX V UXYg! %cf & k Umh fck dUHyfb!
 UWWgg]V Y k]h Z] hYf

	100	125	150	200	250	300	350	400	450	500
200	30.51	30.51	30.51	32.44						
250	30.51	30.51	30.51	34.49	39.52					
300	30.51	30.51	32.05	37.65	43.97	50.67				
350	30.51	32.32	35.42	40.86	47.36	54.43	61.88			
400	32.77	36.30	39.85	46.14	53.81	61.54	69.23	78.18		
450	38.07	41.25	43.97	50.45	58.24	65.88	75.15	14.78	98.22	
500	41.89	45.64	49.37	55.69	63.82	72.15	77.21	92.83	104.91	116.56
550	44.45	48.33	53.71	61.53	71.06	80.60	90.65	100.69	113.24	126.39
600	47.66	52.09	56.73	65.03	76.18	86.11	102.00	113.25	123.67	137.93
650	49.36	54.20	60.72	70.53	81.80	92.66	107.41	121.32	133.28	147.23
700	51.05	56.30	64.70	76.02	87.40	99.23	112.82	129.39	142.85	156.58
750	53.76	59.86	67.55	79.54	92.05	105.23	120.33	136.69	152.65	165.32
800	56.58	63.48	72.78	87.10	102.21	117.87	132.66	146.79	161.75	176.27
850	58.45	66.10	76.29	91.61	107.06	123.04	139.20	152.24	171.13	186.47
900	60.33	68.72	79.76	96.11	111.88	128.20	145.73	157.66	180.52	196.68
950	62.26	71.69	84.32	103.20	118.21	135.34	153.86	169.49	190.76	208.97
1000	64.18	74.64	88.89	110.29	124.57	142.47	161.99	181.28	200.99	221.26
1050	66.56	79.05	90.98	112.59	129.56	147.98	167.90	187.86	206.48	228.96
1100	72.35	83.86	95.33	116.90	137.03	157.15	177.17	198.66	219.93	241.40
1150	75.23	86.50	98.08	120.05	141.58	163.57	182.15	206.69	228.31	250.18
1200	77.64	89.17	101.55	124.11	145.03	167.95	189.93	212.38	234.49	257.55
1250	80.07	92.27	105.17	128.63	150.45	174.97	197.82	221.75	245.10	270.94
1300	82.46	95.39	108.83	133.14	155.86	182.02	205.69	231.11	255.67	284.33
1350	84.90	98.48	112.49	137.68	161.31	189.00	213.57	240.46	266.29	297.73
1400	87.29	101.58	116.12	142.19	166.72	196.04	221.44	249.82	276.90	311.13
1450	89.72	104.70	119.75	149.78	169.78	203.03	229.32	259.19	287.50	324.54
1500	92.15	107.80	123.42	155.02	175.00	210.04	237.19	268.57	298.09	337.92

7A!) \$%#) \$&! 5!: !F 5@

στόμιο οροφής με καμπύλα πτερύγια μιας/δύο κατευθύνσεων ανοιγόμενο με φίλτρο βαμμένο

ceiling air grille with adjustable curved blades - 1 or 2 way throw pattern accessible with filter in RAL colour

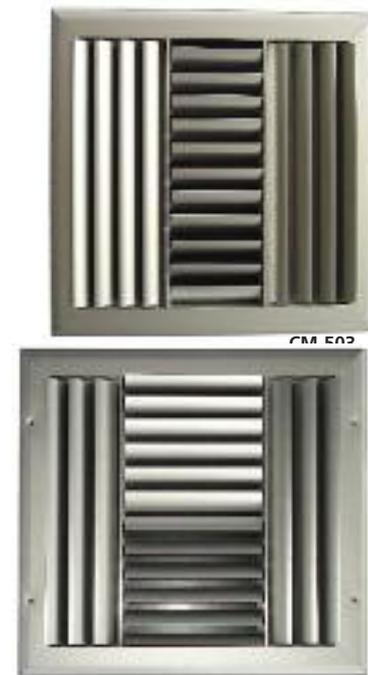
	100	125	150	200	250	300	350	400	450	500
200	39.86	39.86	39.86	41.80						
250	39.86	39.86	39.86	43.84	48.87					
300	39.86	39.86	41.40	46.99	53.31	60.01				
350	39.86	41.67	44.77	50.20	56.71	63.78	71.22			
400	42.12	45.64	49.19	55.48	63.15	70.89	78.57	87.53		
450	47.41	50.60	53.32	59.81	67.57	75.24	84.50	93.52	107.56	
500	51.23	54.99	58.72	65.04	73.16	81.50	86.55	102.17	114.27	125.91
550	53.80	57.68	63.07	70.87	80.41	89.96	100.00	110.04	122.58	135.74
600	57.01	61.45	66.09	74.40	85.53	95.46	111.35	122.60	133.02	147.27
650	58.70	63.55	70.07	79.88	91.14	102.00	116.76	130.66	142.62	156.57
700	60.41	65.65	74.05	85.37	96.75	108.58	122.18	138.74	152.21	165.91
750	63.11	69.21	76.90	88.89	101.39	114.57	129.68	146.04	162.01	174.67
800	65.92	72.83	82.13	96.45	111.57	127.23	142.01	156.14	171.10	185.62
850	67.79	75.44	85.63	100.96	116.41	132.39	148.55	161.60	180.47	195.81
900	69.66	78.08	89.11	105.46	121.23	137.56	155.08	167.01	189.88	206.03
950	71.61	81.04	93.66	112.53	127.55	144.68	163.20	178.84	200.11	218.32
1000	73.55	84.01	98.25	119.63	133.92	151.82	171.34	190.63	210.34	230.60
1050	75.91	88.40	100.34	121.94	138.91	157.33	177.24	197.20	215.83	238.31
1100	81.70	93.21	104.68	126.26	146.38	166.50	186.52	208.01	229.27	250.75
1150	84.57	95.85	107.43	129.41	150.95	172.93	191.48	216.04	237.66	259.61
1200	87.00	98.52	110.89	133.45	154.38	177.31	199.28	221.74	243.84	267.64
1250	89.42	101.62	114.51	137.97	159.81	184.32	207.17	231.08	254.81	281.65
1300	91.81	104.73	118.18	142.48	165.21	191.37	215.05	240.45	265.91	295.66
1350	94.25	107.84	121.84	147.02	170.66	198.35	222.93	250.22	277.04	309.68
1400	96.65	110.93	125.48	151.53	176.06	205.39	230.78	260.05	288.14	323.70
1450	99.07	114.05	129.11	159.11	179.12	212.39	238.66	269.91	299.26	337.72
1500	101.50	117.15	132.78	164.36	184.35	219.39	246.83	279.74	310.35	351.73

CM-503/504

στόμιο οροφής με καμπύλα τριών/τεσσάρων κατευθύνσεων
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern

	100	125	150	200	250	300	350	400	450	500
200	24.18	24.18	24.18	25.33						
250	24.18	24.18	24.18	28.40	32.81					
300	24.18	24.18	26.29	30.88	35.70	40.29				
350	24.18	25.90	28.20	33.21	37.98	42.78	47.77			
400	25.12	27.63	30.13	35.11	40.29	45.29	50.27	55.28		
450	27.06	29.55	32.23	37.22	42.22	47.39	52.58	57.75	62.74	
500	28.78	31.46	33.96	39.15	44.52	49.51	54.69	59.87	64.86	71.57
550	30.88	33.58	36.65	42.53	48.31	54.15	59.98	65.69	71.64	77.64
600	32.44	35.70	38.96	44.52	52.38	58.92	65.43	72.72	78.67	85.18
650	34.26	37.90	41.55	48.27	56.31	63.51	70.81	78.86	85.38	92.68
700	36.08	40.10	44.14	52.02	60.25	68.12	76.18	85.01	92.10	100.17
750	37.98	40.49	46.63	55.28	63.90	72.35	81.55	90.20	98.81	107.66
800	39.72	44.52	49.13	58.52	67.93	77.33	86.72	96.13	105.53	114.93
850	41.54	46.63	51.71	61.79	71.95	82.03	92.10	102.27	108.12	122.52
900	43.36	48.74	54.31	65.04	75.99	86.72	97.47	108.43	110.72	130.10
950	45.19	50.95	56.80	68.30	79.92	91.34	102.86	114.46	122.52	137.58
1000	47.01	53.15	59.29	71.57	83.84	95.94	108.23	120.51	134.31	145.07
1050	48.74	55.28	61.80	74.83	87.88	101.32	113.60	126.44	139.50	152.54
1100	50.84	57.38	64.47	78.10	91.72	105.35	119.15	132.58	146.21	160.04
1150	52.58	59.68	66.96	81.17	95.56	109.19	124.15	138.53	152.93	167.51
1200	54.31	61.59	69.27	84.43	99.41	114.55	129.52	144.67	159.83	175.01
1250	56.17	63.83	71.83	87.66	103.36	119.20	134.94	150.76	166.62	182.48
1300	58.03	66.07	74.38	90.88	107.33	123.84	140.33	156.84	173.39	189.96
1350	59.87	68.30	76.94	94.12	111.30	128.47	145.74	162.91	180.18	197.45
1400	61.72	70.55	79.50	97.35	115.25	133.10	151.14	168.98	186.96	204.93
1450	63.58	72.79	82.06	100.57	119.22	137.74	156.54	175.06	193.74	212.42
1500	65.43	75.03	84.61	103.81	123.18	142.38	161.95	181.14	200.53	219.90

CM-503/504 CM-503/504-RAL

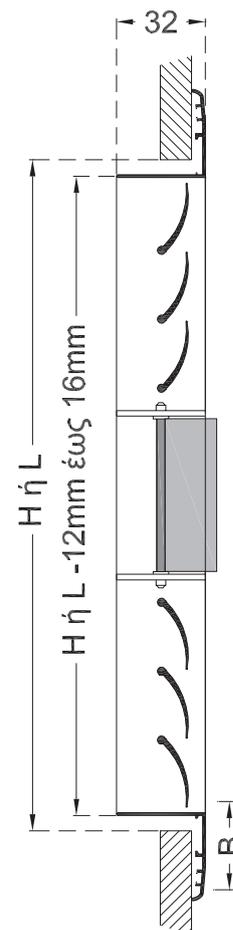


CM-504

CM-503/504-RAL

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων βαμμένο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern in
RAL colour

	100	125	150	200	250	300	350	400	450	500
200	32.36	32.36	32.36	33.52						
250	32.36	32.36	32.36	36.59	40.99					
300	32.36	32.36	34.45	39.06	43.87	48.48				
350	32.36	34.09	36.39	41.38	46.17	50.96	55.96			
400	33.31	35.82	38.30	43.30	48.48	53.47	58.45	63.45		
450	35.22	37.73	40.41	45.41	50.40	55.57	60.75	65.93	70.93	
500	36.96	39.64	42.14	47.32	52.70	57.70	62.87	68.05	73.04	79.74
550	39.06	41.76	44.84	50.71	56.50	62.34	68.17	73.88	79.83	85.82
600	40.61	43.87	47.15	52.70	60.57	67.09	73.61	80.91	86.84	93.71
650	42.44	46.08	49.73	56.45	64.49	71.70	78.99	87.03	93.92	101.94
700	44.26	48.28	52.32	60.19	68.42	76.30	84.36	93.50	101.32	110.19
750	46.17	48.66	54.81	63.45	72.07	80.52	89.73	99.21	108.70	118.43
800	47.90	52.70	57.29	66.70	76.11	85.49	95.41	105.74	116.08	126.43
850	49.72	54.81	59.90	69.96	80.13	90.23	101.32	112.51	118.94	134.77
900	51.53	56.92	62.49	73.23	84.16	95.41	107.22	119.26	121.79	143.11
950	53.37	59.14	64.98	76.48	88.10	100.47	113.13	125.91	134.76	151.34
1000	55.19	61.34	67.47	79.74	92.23	105.54	119.06	132.55	147.74	159.58
1050	56.92	63.45	69.97	83.02	96.66	111.45	124.96	139.09	153.45	167.79
1100	59.03	65.56	72.66	86.26	100.89	115.88	131.08	145.85	160.84	176.04
1150	60.75	67.85	75.14	89.34	105.11	120.10	136.57	152.39	168.23	184.26
1200	62.49	69.77	77.45	92.87	109.34	126.01	142.48	159.15	175.81	192.50
1250	64.35	72.02	80.01	96.43	113.70	131.11	148.42	165.84	183.27	200.73
1300	66.20	74.25	82.57	99.98	118.06	136.21	154.37	172.51	190.73	208.97
1350	68.05	76.48	85.12	103.53	122.42	141.32	160.30	179.20	198.20	217.19
1400	69.90	78.73	87.68	107.08	126.78	146.42	166.25	185.89	205.66	225.42
1450	71.75	80.96	90.27	110.64	131.13	151.52	172.19	192.58	213.11	233.65
1500	73.61	83.22	93.08	114.19	135.50	156.62	178.14	199.25	220.57	241.89



B: 32mm, 19mm

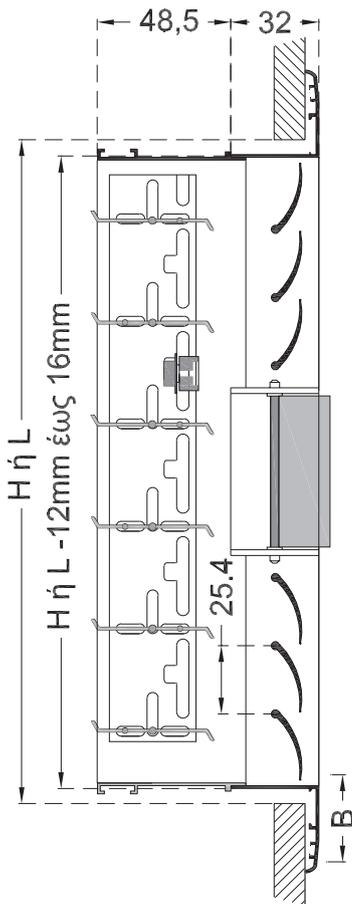
CM-503/504D CM-503/504D-RAL



CM-503D



CM-504D



B: 32mm, 19mm

CM-503/504D

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων & διάφραγμα
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern with damper

	100	125	150	200	250	300	350	400	450	500
200	35,18	35,18	35,18	36,27						
250	35,18	35,18	35,18	40,49	45,86					
300	35,18	35,18	38,39	44,13	49,88	55,64				
350	35,18	37,99	41,45	47,66	53,33	60,05	66,78			
400	37,06	40,87	44,58	50,68	55,72	64,47	71,25	78,89		
450	40,14	43,95	47,84	54,12	58,97	68,50	75,42	83,73	91,91	
500	43,02	47,01	50,73	56,98	63,34	72,56	79,82	88,14	96,26	105,14
550	46,27	50,28	54,44	61,59	68,48	79,11	86,67	96,21	105,43	113,74
600	48,97	53,55	58,03	64,86	73,61	85,71	94,03	105,59	114,93	124,91
650	51,36	56,23	60,82	69,27	79,17	90,50	100,55	112,66	123,26	134,90
700	53,73	58,92	63,60	73,68	84,72	95,30	107,08	119,75	131,58	144,90
750	56,03	59,85	67,01	78,48	90,37	101,52	116,09	129,16	142,57	157,54
800	58,92	64,78	70,72	83,85	97,86	111,29	128,36	139,88	152,54	165,61
850	61,20	67,79	74,25	88,26	103,71	118,11	135,08	149,29	158,77	178,74
900	63,51	70,81	77,77	92,66	109,57	124,92	141,81	158,71	165,03	191,88
950	66,01	74,55	81,77	98,33	115,60	131,93	150,06	167,72	181,14	206,27
1000	68,50	78,28	85,78	103,99	121,64	138,94	158,31	176,71	197,24	220,67
1050	71,39	81,61	91,91	108,79	127,20	145,45	165,99	185,15	206,09	224,88
1100	74,07	84,25	96,38	113,77	131,71	151,21	173,84	192,84	213,26	233,54
1150	76,94	87,88	99,58	117,43	137,60	155,83	180,17	201,49	223,16	245,79
1200	79,27	90,94	103,04	122,99	142,93	165,80	188,43	210,30	234,46	256,93
1250	82,25	94,88	107,87	127,66	149,27	173,23	197,80	220,79	245,89	269,56
1300	85,22	98,81	112,69	132,32	155,61	180,64	207,16	231,29	257,31	282,18
1350	88,18	102,75	117,52	136,99	161,94	188,07	216,55	241,77	268,74	294,82
1400	91,16	106,69	122,35	141,66	168,27	195,49	225,92	252,27	280,16	307,45
1450	94,13	110,63	127,18	146,33	174,60	202,92	235,29	262,76	291,58	320,09
1500	97,11	114,57	132,01	151,00	180,94	210,34	244,66	273,26	303,01	332,73

CM-503/504D-RAL

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων & διάφραγμα βαμμένο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern with damper in RAL

	100	125	150	200	250	300	350	400	450	500
200	43,36	43,36	43,36	44,44						
250	43,36	43,36	43,36	48,66	54,04					
300	43,36	43,36	46,57	52,30	58,06	63,82				
350	43,36	46,18	49,63	55,85	61,51	68,23	74,95			
400	45,22	49,05	52,76	58,85	63,90	72,66	79,43	87,07		
450	48,30	52,13	56,01	62,29	67,15	76,68	83,60	91,91	100,09	
500	51,19	55,19	58,92	65,16	71,51	80,73	88,00	96,33	104,44	113,32
550	54,44	58,47	62,62	69,77	76,66	87,27	94,84	104,38	113,62	121,90
600	57,16	61,73	66,20	73,04	81,80	93,90	102,21	113,77	123,11	133,43
650	59,53	64,40	69,00	77,45	87,35	98,68	108,73	120,85	131,80	144,18
700	61,91	67,09	71,79	81,85	92,91	103,48	115,26	128,24	140,81	154,94
750	64,20	68,03	75,18	86,67	98,55	109,69	124,28	138,17	152,45	168,31
800	67,09	72,95	78,90	92,04	106,03	119,46	137,04	149,49	163,09	177,09
850	69,39	75,97	82,42	96,45	111,89	126,30	144,30	159,51	169,60	191,00
900	71,70	78,99	85,94	100,84	117,76	133,61	151,55	169,54	176,09	204,90
950	74,18	82,72	89,95	106,51	123,78	141,06	160,36	179,16	193,38	220,03
1000	76,68	86,46	93,94	112,16	130,02	148,53	169,15	188,77	210,67	235,18
1050	79,57	89,79	100,09	116,97	135,99	155,59	177,36	197,80	220,02	240,13
1100	82,26	92,42	104,57	121,96	140,88	161,73	185,77	206,11	227,88	249,55
1150	85,13	96,05	107,77	125,61	147,15	166,74	192,58	215,34	238,46	262,55
1200	87,45	99,12	111,22	131,43	152,88	177,25	201,38	224,76	250,45	274,42
1250	90,42	103,05	116,04	136,42	159,61	185,14	211,30	235,86	262,55	287,80
1300	93,39	107,00	120,88	141,42	166,34	193,03	221,21	246,96	274,65	301,18
1350	96,36	110,92	125,70	146,41	173,06	200,91	231,12	258,07	286,75	314,57
1400	99,34	114,87	130,54	151,39	179,79	208,80	241,04	269,17	298,85	327,94
1450	102,31	118,80	135,39	156,39	186,52	216,69	250,95	280,27	310,95	341,33
1500	105,29	122,75	140,48	161,38	193,25	224,58	260,86	291,37	323,05	354,72

CM-503/504-A

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων
ανοιγόμενο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern -
accessible

	100	125	150	200	250	300	350	400	450	500
200	29.70	29.70	29.70	31.10						
250	29.70	29.70	29.70	34.31	39.56					
300	29.70	29.70	31.96	37.63	43.10	48.36				
350	29.70	31.81	34.70	40.28	46.05	51.65	57.30			
400	31.22	34.38	37.53	43.08	49.02	54.82	60.97	67.46		
450	34.13	36.95	39.88	45.85	51.75	57.92	64.76	71.31	77.69	
500	36.52	39.53	42.74	48.59	54.89	61.03	67.52	74.03	80.63	89.50
550	38.77	41.80	45.71	52.25	58.93	66.00	73.48	80.64	88.92	96.56
600	41.17	44.91	48.49	55.05	63.90	71.92	79.74	88.68	96.60	105.10
650	43.23	47.31	51.37	59.22	68.40	76.83	85.40	95.30	103.57	113.08
700	45.29	49.73	54.24	63.38	72.91	81.77	91.06	101.96	110.51	121.07
750	47.51	50.53	57.25	67.28	77.22	87.50	98.50	109.27	120.35	131.84
800	49.68	55.05	60.14	71.75	83.21	94.85	105.97	116.84	128.57	139.61
850	51.83	57.68	63.20	75.68	87.90	100.48	112.37	124.32	132.70	149.25
900	53.98	60.33	66.24	79.59	92.61	106.12	118.76	131.79	136.86	158.88
950	56.21	63.33	70.37	84.08	97.35	111.72	125.44	139.55	150.32	168.00
1000	58.43	66.31	74.50	88.60	102.10	117.33	132.08	147.32	163.75	177.14
1050	60.50	68.93	77.52	92.24	108.13	123.52	138.11	154.07	169.11	186.25
1100	62.93	71.54	80.67	96.18	112.76	128.39	144.06	161.04	177.62	194.59
1150	65.16	74.50	83.72	99.91	117.38	133.37	150.73	168.30	185.66	202.88
1200	67.31	76.87	86.96	104.35	121.45	139.56	157.32	175.93	194.38	212.84
1250	69.76	80.04	90.74	109.22	126.75	145.75	164.14	183.79	203.09	222.64
1300	72.18	83.20	94.54	114.08	132.05	151.95	170.93	191.65	211.76	232.44
1350	74.63	86.36	98.33	118.97	137.38	158.11	177.74	199.51	220.47	242.26
1400	77.06	89.52	102.11	123.84	142.66	164.31	184.53	207.35	229.18	252.08
1450	79.52	92.68	105.91	127.36	148.99	170.48	191.33	215.22	237.87	261.90
1500	81.97	95.85	109.69	135.28	157.39	176.66	198.11	223.06	246.57	271.71

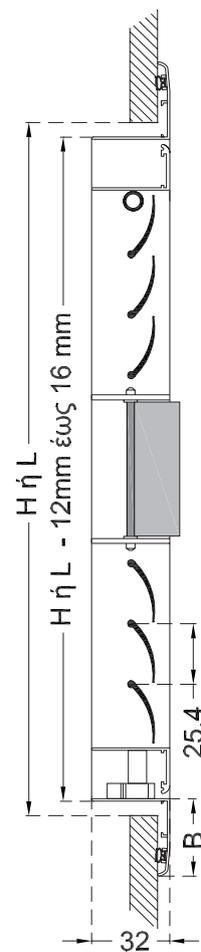
CM-503/504-A CM-503/504-A-RAL



CM-503/504-A-RAL

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων
ανοιγόμενο βαμμένο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern -
accessible in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	39.04	39.04	39.04	40.45						
250	39.04	39.04	39.04	43.66	48.90					
300	39.04	39.04	41.32	46.97	52.44	57.70				
350	39.04	41.16	44.04	49.63	55.39	61.00	66.66			
400	40.57	43.72	46.87	52.43	58.36	64.18	70.31	76.80		
450	43.48	46.29	49.23	55.21	61.11	67.27	74.10	80.67	87.06	
500	45.86	48.87	52.10	57.95	64.23	70.37	76.86	83.37	89.98	98.85
550	48.12	51.15	55.05	61.59	68.27	75.34	82.82	90.01	98.26	105.90
600	50.51	54.26	57.85	64.40	73.24	81.27	89.09	98.03	105.95	114.44
650	52.57	56.66	60.71	68.56	77.75	86.17	94.75	104.65	112.92	122.42
700	54.64	59.07	63.60	72.72	82.27	91.12	100.41	111.30	119.86	130.42
750	56.87	59.88	66.59	76.64	86.57	96.84	107.84	118.62	129.70	141.19
800	59.02	64.40	69.49	81.11	92.58	104.20	115.31	126.20	137.91	148.95
850	61.17	67.02	72.55	85.03	97.25	109.84	121.72	133.66	142.05	158.60
900	63.32	69.67	75.57	88.94	101.95	115.47	128.11	141.14	146.20	168.23
950	65.56	72.68	79.72	93.43	106.69	121.08	134.79	148.89	159.67	177.35
1000	67.80	75.65	83.85	97.94	111.45	126.67	141.43	156.66	173.09	186.49
1050	69.85	78.28	86.86	101.60	117.47	132.87	147.46	163.42	178.46	195.61
1100	72.28	80.88	90.02	105.54	122.10	137.73	153.40	170.38	186.98	203.93
1150	74.50	83.84	93.07	109.26	126.71	142.72	160.07	177.64	195.01	212.30
1200	76.66	86.24	96.30	113.69	130.80	148.90	166.66	185.28	203.72	222.93
1250	79.11	89.38	100.09	118.56	136.10	155.09	173.49	193.14	212.80	233.34
1300	81.54	92.56	103.88	123.42	141.40	161.29	180.27	201.01	222.00	243.78
1350	83.98	95.70	107.68	128.31	146.72	167.45	187.09	209.27	231.22	254.22
1400	86.41	98.87	111.46	133.17	152.02	173.65	193.88	217.59	240.43	264.65
1450	88.87	102.03	115.25	136.70	158.33	179.82	200.67	225.92	249.63	275.10
1500	91.33	105.19	119.04	141.31	163.77	186.01	207.76	234.25	258.85	285.53



B: 32mm, 19mm

CM-503/504-F CM-503/504-F-RAL



CM-503/504-F

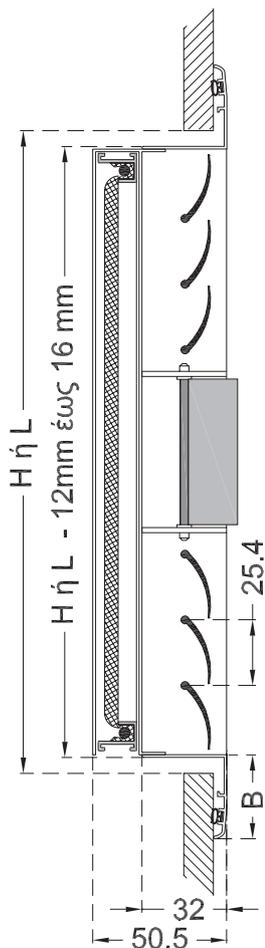
στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων με φίλτρο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern with filter

	100	125	150	200	250	300	350	400	450	500
200	29.22	29.22	29.22	30.70						
250	29.22	29.22	29.22	35.12	41.20					
300	29.22	29.22	32.33	38.94	45.78	52.39				
350	29.22	31.54	35.25	42.60	49.74	56.88	64.22			
400	30.49	34.09	38.19	45.84	53.73	61.41	69.08	76.76		
450	33.10	36.81	41.29	49.31	57.34	65.53	73.72	81.94	89.94	
500	35.51	39.53	44.03	52.58	61.32	69.66	78.18	86.72	95.08	105.15
550	38.28	42.44	47.74	57.30	66.79	76.32	85.84	95.23	104.90	114.57
600	40.51	45.37	51.04	60.65	72.53	83.11	93.63	104.97	114.95	125.47
650	43.00	48.37	54.65	65.73	78.15	89.70	101.36	113.77	124.68	136.32
700	45.47	51.39	58.24	70.83	83.75	96.32	109.09	122.63	134.40	147.19
750	48.05	52.58	61.75	75.44	89.08	102.57	116.82	130.49	144.14	158.03
800	50.46	57.41	65.24	80.01	94.79	109.57	124.33	139.10	153.89	168.66
850	52.96	60.32	68.84	84.63	100.49	116.28	132.06	147.95	159.50	179.60
900	55.45	63.24	72.43	89.23	106.21	122.98	139.77	156.79	165.11	190.55
950	57.96	66.26	75.94	93.82	111.81	129.62	147.53	165.51	179.95	201.39
1000	60.44	69.27	79.44	98.43	117.42	136.24	155.24	174.24	194.75	212.24
1050	62.85	72.19	82.95	103.03	123.15	143.63	162.97	182.85	202.97	223.05
1100	65.62	75.11	86.63	107.66	128.64	149.66	170.86	191.68	212.70	233.91
1150	68.02	78.22	90.11	112.07	134.18	155.54	178.23	200.30	222.44	244.74
1200	70.43	80.93	93.44	116.67	139.70	162.90	185.94	209.15	232.37	255.61
1250	72.97	83.97	97.00	121.23	145.34	169.58	193.70	217.91	242.18	266.44
1300	75.48	87.03	100.59	125.79	150.97	176.23	201.44	226.70	251.96	277.27
1350	78.02	90.08	104.16	130.39	156.63	182.86	209.22	235.45	261.77	288.11
1400	80.52	93.11	107.71	134.94	162.26	189.53	216.95	244.19	271.60	298.96
1450	83.06	96.16	111.28	142.58	165.54	196.16	224.71	252.97	281.39	309.81
1500	85.60	99.22	114.83	147.89	170.95	202.83	232.46	261.72	291.20	320.65

CM-503/504-F-RAL

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων με φίλτρο βαμμένο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	37.40	37.40	37.40	38.88						
250	37.40	37.40	37.40	43.30	49.39					
300	37.40	37.40	40.51	47.13	53.96	60.56				
350	37.40	39.72	43.43	50.79	57.92	65.06	72.39			
400	38.67	42.25	46.38	54.02	61.91	69.58	77.26	84.94		
450	41.28	44.99	49.47	57.49	65.51	73.69	81.91	90.12	98.11	
500	43.68	47.72	52.21	60.75	69.50	77.84	86.36	94.90	103.25	113.33
550	46.45	50.61	55.91	65.49	74.96	84.49	94.01	103.42	113.07	122.75
600	48.70	53.54	59.23	68.82	80.71	91.29	101.81	113.14	123.12	133.66
650	51.18	56.55	62.81	73.91	86.32	97.88	109.55	121.96	132.86	144.51
700	53.65	59.56	66.41	79.01	91.94	104.50	117.27	130.82	142.59	155.36
750	56.23	60.75	69.92	83.62	97.26	110.74	124.99	138.67	152.32	166.21
800	58.64	65.60	73.42	88.18	102.96	117.74	132.52	147.29	162.06	176.83
850	61.13	68.51	77.02	92.80	108.67	124.45	140.25	156.12	167.67	187.78
900	63.63	71.42	80.61	97.41	114.39	131.16	147.96	164.96	173.28	198.72
950	66.12	74.44	84.11	101.99	119.99	137.79	155.71	173.70	188.12	209.56
1000	68.62	77.45	87.62	106.62	125.60	144.42	163.41	182.41	202.93	220.42
1050	71.03	80.38	91.13	111.21	131.33	151.81	171.13	191.03	211.15	231.24
1100	73.80	83.30	94.82	115.83	136.83	157.85	179.03	199.85	220.88	242.09
1150	76.20	86.40	98.30	120.24	142.37	163.71	186.40	208.49	230.63	252.99
1200	78.61	89.12	101.62	124.84	147.88	171.08	194.11	217.34	240.54	264.43
1250	81.14	92.16	105.18	129.42	153.51	177.74	201.88	226.10	250.70	275.80
1300	83.67	95.21	108.75	133.97	159.16	184.42	209.62	234.87	260.92	287.18
1350	86.18	98.25	112.33	138.56	164.81	191.05	217.40	243.98	271.18	298.57
1400	88.70	101.30	115.89	143.13	170.43	197.72	225.13	253.15	281.43	309.96
1450	91.24	104.34	119.45	150.76	173.72	204.35	232.89	262.33	291.68	321.36
1500	93.78	107.41	123.01	156.06	179.14	211.01	240.90	271.50	301.95	332.74



B: 32mm, 19mm

CM-503/504-A-F

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων
ανοιγόμενο με φίλτρο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern -
accessible with filter

	100	125	150	200	250	300	350	400	450	500
200	34.73	34.73	34.73	36.46						
250	34.73	34.73	34.73	41.02	47.95					
300	34.73	34.73	38.01	45.69	53.18	60.45				
350	34.73	37.69	41.75	49.69	57.80	65.75	73.77			
400	36.58	41.09	45.60	53.82	62.45	70.95	79.78	88.94		
450	40.18	44.51	48.94	57.94	66.88	76.05	85.90	26.10	104.91	
500	43.24	47.93	52.82	62.03	71.69	81.17	91.03	100.89	110.85	123.09
550	46.16	51.03	56.78	67.02	77.38	88.15	99.33	110.20	122.17	133.50
600	49.22	54.98	60.58	71.16	84.04	96.09	107.94	120.93	132.87	145.39
650	51.96	58.23	64.46	76.67	90.24	103.02	115.96	130.24	142.86	156.73
700	54.69	61.47	68.35	82.18	96.41	109.97	123.96	139.57	152.82	168.09
750	57.59	63.13	72.35	87.43	102.41	117.71	133.76	149.56	165.68	182.21
800	60.42	68.48	76.25	93.24	110.08	127.08	143.58	159.83	176.91	193.33
850	63.24	71.96	80.32	98.52	116.45	134.74	152.34	169.98	184.08	206.34
900	66.07	75.44	84.37	103.77	122.83	142.38	161.07	180.14	191.26	219.33
950	68.97	79.28	89.51	109.62	129.25	150.01	170.10	190.59	207.74	231.80
1000	71.86	83.09	94.64	115.46	135.69	157.62	179.09	201.04	224.20	244.30
1050	74.61	86.56	98.66	120.46	143.38	165.82	187.47	210.49	232.58	256.77
1100	77.71	90.00	102.82	125.73	149.70	172.71	195.77	220.14	244.11	268.46
1150	80.61	93.80	106.89	130.80	155.97	179.70	204.80	230.09	255.17	280.11
1200	83.42	97.03	111.14	136.58	161.74	187.90	213.73	240.39	266.91	293.44
1250	86.54	101.02	115.93	142.80	168.71	196.12	222.90	250.96	278.65	306.59
1300	89.65	105.04	120.73	148.99	175.70	204.34	232.04	261.51	290.33	319.76
1350	92.77	109.02	125.53	155.23	182.71	212.51	241.20	272.03	302.07	332.93
1400	95.86	113.02	130.32	161.44	189.68	220.72	250.35	282.57	313.81	346.11
1450	98.99	117.03	135.11	170.72	194.30	228.90	259.50	293.12	325.52	359.29
1500	102.12	121.03	139.91	177.66	201.07	237.10	268.65	303.67	337.25	372.45

CM-503/504-A-F CM-503/504-A-F-RAL

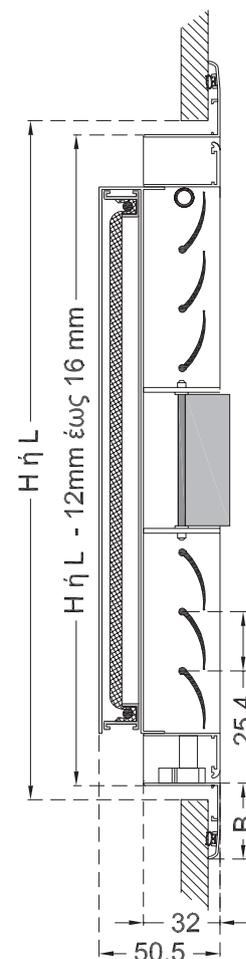


CM-504-A-F

CM-503/504-A-F-RAL

στόμιο οροφής με καμπύλα πτερύγια τριών/τεσσάρων κατευθύνσεων
ανοιγόμενο με φίλτρο βαμμένο
ceiling air grille with adjustable curved blades - 3 or 4 way throw pattern -
accessible with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
100	44.08	44.08	44.08	45.82						
250	44.08	44.08	44.08	50.37	57.30					
300	44.08	44.08	47.36	55.03	62.52	69.79				
350	44.08	47.04	51.10	59.03	67.15	75.10	83.11			
400	45.93	50.43	54.94	63.16	71.79	80.30	89.12	98.29		
450	49.52	53.86	58.29	67.30	76.21	85.41	95.25	104.84	114.25	
500	52.58	57.28	62.17	71.38	81.03	90.52	100.37	110.23	120.21	132.44
550	55.51	60.38	66.14	76.36	86.73	97.51	108.68	119.55	131.51	142.85
*600	58.57	64.34	69.94	80.53	93.39	105.44	117.29	130.28	142.22	154.73
650	61.30	67.58	73.81	86.02	99.58	112.36	125.31	139.58	152.20	166.07
700	64.05	70.82	77.70	91.53	105.76	119.32	133.32	148.92	162.18	177.42
750	66.94	72.48	81.70	96.78	111.75	127.05	143.11	158.91	175.04	191.56
800	69.76	77.83	85.60	102.59	119.44	136.44	152.93	169.18	186.26	202.68
850	72.58	81.30	89.66	107.87	125.80	144.09	161.69	179.34	193.42	215.68
900	75.40	84.80	93.72	113.12	132.18	151.74	170.42	189.49	200.62	228.68
950	78.32	88.63	98.85	118.95	138.59	159.35	179.44	199.94	217.09	241.15
1000	81.23	92.46	104.00	124.80	145.04	166.97	188.44	210.39	233.55	253.64
1050	83.96	95.91	108.02	129.81	152.73	175.17	196.81	219.83	241.93	266.12
1100	87.06	99.35	112.17	135.09	159.05	182.06	205.12	229.49	253.45	277.81
1150	89.95	103.15	116.24	140.16	165.34	189.06	214.13	239.44	264.52	289.54
1200	92.78	106.38	120.48	145.92	171.09	197.26	223.08	249.75	276.26	303.53
1250	95.89	110.37	125.27	152.14	178.07	205.47	232.25	260.29	288.36	317.30
1300	99.00	114.38	130.08	158.33	185.05	213.69	241.40	270.85	300.57	331.09
1350	102.12	118.38	134.88	164.57	192.06	221.86	250.56	281.79	312.82	344.88
1400	105.22	122.37	139.68	170.78	199.02	230.07	259.69	292.80	325.05	358.68
1450	108.34	126.38	144.47	180.05	203.64	238.26	268.84	303.84	337.28	372.47
1500	111.47	130.38	149.27	187.00	210.42	246.45	278.29	314.84	349.51	386.26



B: 32mm, 19mm

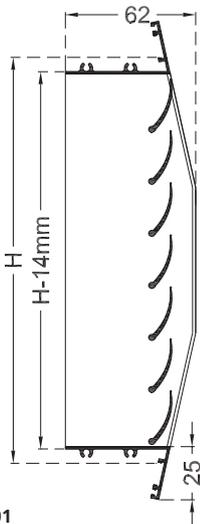
TM-501/502 TM-501/502D



TM-501

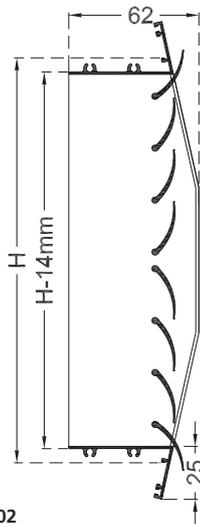


TM-502



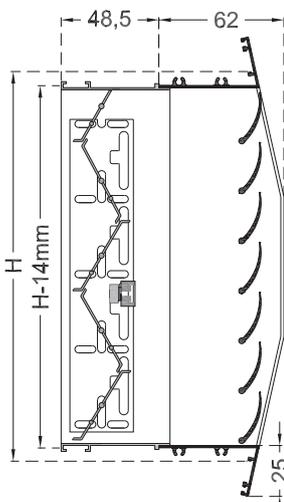
TM-501

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400



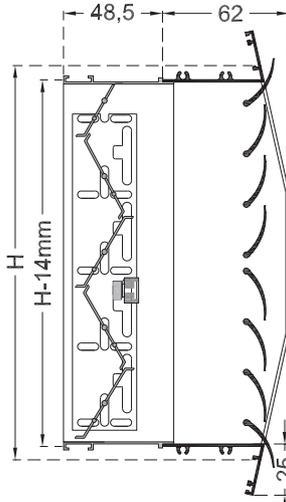
TM-502

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400



TM-501D

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400



TM-502D

H:	75	115	195
Φ:	150 - 400	300 - 900	600 - 2400

TM-501/502

στόμιο κυκλικού
αεραγωγού με καμπύλα
πτερύγια
μίας/δύο κατευθύνσεων

air grille with adjustable
curved blades - 1 or 2
way throw pattern for
circular duct

	75	115	195
200	35,93	35,93	38,36
250	35,93	35,93	39,37
300	35,93	35,93	41,11
350	35,93	36,95	43,88
400	38,36	41,11	49,37
450	44,91	47,32	53,51
500	49,37	52,51	59,06
550	52,51	55,58	66,67
600	55,58	59,06	69,10
650	56,99	60,97	75,83
700	58,39	62,87	82,55
750	61,47	67,00	85,30
800	64,58	71,14	94,28
850	66,15	73,39	98,78
900	67,72	75,64	103,28
950	69,26	78,05	111,38
1000	70,79	80,46	119,52
1050	73,24	85,99	120,53
1100	81,86	92,23	124,69
1150	84,96	94,28	126,76
1200	87,35	96,71	129,53
1250	89,46	99,14	132,28
1300	91,51	101,56	135,05
1350	93,60	103,97	137,83
1400	95,67	106,40	140,58
1450	97,76	108,83	143,33
1500	99,83	111,24	146,11

TM-501/502- RAL

στόμιο κυκλικού
αεραγωγού με καμπύλα
πτερύγια
μίας/δύο κατευθύνσεων
βαμμένο

air grille with adjustable
curved blades - 1 or 2
way throw pattern for
circular duct in RAL colour

	75	115	195
200	44,78	44,78	47,21
250	44,78	44,78	48,22
300	44,78	44,78	49,96
350	44,78	45,80	52,73
400	47,21	49,96	58,22
450	53,76	56,17	62,36
500	58,22	61,36	67,91
550	61,36	64,43	75,52
600	64,43	67,91	77,95
650	65,84	69,82	84,68
700	67,24	71,72	91,40
750	70,32	75,85	94,15
800	73,43	79,99	103,13
850	75,00	82,24	107,63
900	76,57	84,49	112,13
950	78,11	86,90	120,23
1000	79,64	89,31	128,37
1050	82,09	94,84	129,38
1100	90,71	101,08	133,54
1150	93,81	103,13	135,61
1200	96,20	105,56	138,38
1250	98,31	107,99	141,13
1300	100,36	110,41	143,90
1350	102,45	112,82	146,68
1400	104,52	115,25	149,43
1450	106,61	117,68	152,18
1500	108,68	120,09	154,96

TM-501/502/D

στόμιο κυκλικού
αεραγωγού με καμπύλα
πτερύγια
μίας/δύο κατευθύνσεων
με damper

air grille with adjustable
curved blades - 1 or 2 way
throw pattern for circular
duct with damper

	75	115	195
200	46,22	46,22	49,30
250	46,22	46,22	50,68
300	46,22	46,22	53,41
350	46,22	48,26	57,38
400	50,38	54,24	65,05
450	58,84	63,48	70,56
500	64,17	67,57	76,93
550	67,99	72,18	85,05
600	72,04	76,54	89,69
650	74,07	79,13	95,02
700	76,07	81,87	100,36
750	79,42	86,46	108,69
800	83,84	91,04	119,64
850	85,82	94,33	125,24
900	87,82	97,68	130,77
950	89,93	101,64	141,35
1000	92,13	105,59	151,90
1050	95,99	112,64	154,76
1100	105,17	119,04	160,87
1150	109,46	122,46	163,19
1200	112,41	126,11	177,67
1250	115,61	130,22	171,79
1300	118,75	134,28	175,24
1350	121,98	138,42	178,72
1400	125,14	142,51	182,16
1450	128,37	144,62	191,09
1500	131,57	150,74	195,89

TM-501/502 D-RAL

στόμιο κυκλικού
αεραγωγού με καμπύλα
πτερύγια
μίας/δύο κατευθύνσεων
με damper βαμμένο

air grille with adjustable
curved blades - 1 or 2 way
throw pattern for circular
duct with damper in RAL
colour

	75	115	195
200	55,07	55,07	58,15
250	55,07	55,07	59,53
300	55,07	55,07	62,26
350	55,07	57,11	66,23
400	59,23	63,09	73,90
450	67,69	72,33	79,41
500	73,02	76,42	85,78
550	76,84	81,03	93,90
600	80,89	85,39	98,54
650	82,92	87,98	103,87
700	84,92	90,72	109,21
750	88,27	95,31	117,54
800	92,69	99,89	128,49
850	94,67	103,18	134,09
900	96,67	106,53	139,62
950	98,78	110,49	150,20
1000	100,98	114,44	160,75
1050	104,84	121,49	163,61
1100	114,02	127,89	169,72
1150	118,31	131,31	172,04
1200	121,26	134,96	186,52
1250	124,46	139,07	180,64
1300	127,60	143,13	184,09
1350	130,83	147,27	187,57
1400	133,99	151,36	191,01
1450	137,22	153,47	199,94
1500	140,42	159,59	204,74

SW-504

στόμιο οροφής τετράγωνο - τεσσάρων κατευθύνσεων
με ρυθμιζόμενα πτερύγια

ceiling diffuser with adjustable blades - 4 way throw pattern

300x300	82.00
400x400	91.00
500x500	113.00
600x600	123.00

SW-504/604 SW-504/604-P



SW-504

SW-504-P

στόμιο οροφής τετράγωνο - τεσσάρων κατευθύνσεων με ρυθμιζόμενα
πτερύγια σε panel 595x595

ceiling diffuser with adjustable blades - 4 way throw pattern for
595x595 panel

300x300	89.00
400x400	98.00
500x500	116.50



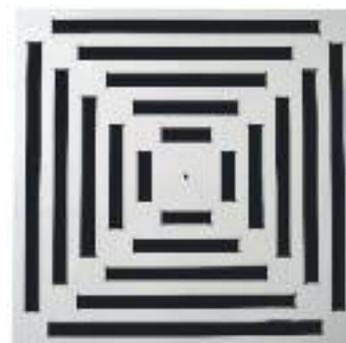
SW-504-P

SW-604

στόμιο οροφής τετράγωνο - τεσσάρων κατευθύνσεων με ρυθμιζόμενα
πτερύγια

ceiling diffuser with adjustable blades - 4 way throw pattern

300x300	82.00
400x400	91.00
500x500	113.00
600x600	123.00



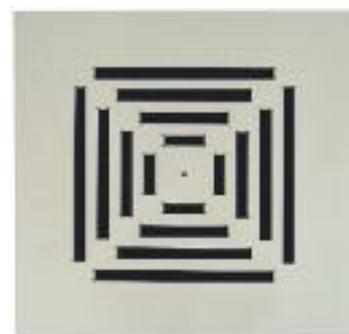
SW-604

SW-604-P

στόμιο οροφής τετράγωνο - τεσσάρων κατευθύνσεων με ρυθμιζόμενα
πτερύγια σε panel 595x595

ceiling diffuser with adjustable blades - 4 way throw pattern for
595x595 panel

300x300	89.00
400x400	98.00
500x500	116.50



SW-604-P

CA-601/2/3 CA-601/2/3-RAL



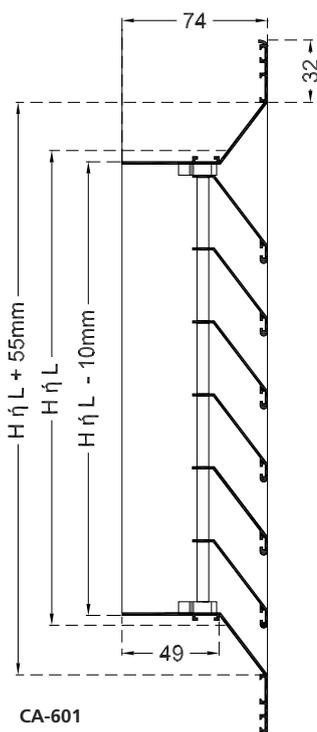
CA-601



CA-602



CA-603



CA-601

CA-601/2/3

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern

	150	200	230	250	300	350	380	400	450	500
150	30.39									
200	33.16	36.28								
230	34.84	38.14	40.10							
250	36.51	39.67	41.56	43.05						
300	40.69	43.51	45.20	46.76	50.66					
350	44.30	47.85	50.02	51.15	54.03	58.21				
380	46.48	50.47	52.89	53.80	56.06	60.73	63.53			
400	48.21	52.02	54.32	55.39	58.07	62.59	65.31	67.13		
450	53.46	56.66	58.60	60.16	64.05	68.13	70.58	72.62	78.73	
500	58.33	61.47	63.36	64.93	68.88	72.97	75.42	77.45	83.56	86.64
530	61.99	65.07	66.90	68.51	72.51	76.59	79.04	81.08	87.19	88.96
550	64.60	67.68	69.56	71.16	75.17	79.24	81.70	83.73	89.85	91.59
600	72.49	75.60	77.48	79.09	83.11	87.16	89.63	91.65	97.77	99.51
650	77.76	80.87	82.75	84.36	88.36	92.44	94.89	96.93	103.04	104.79
700	84.33	87.46	89.35	90.96	94.97	99.06	101.50	103.53	109.64	111.40
750	90.88	94.04	95.95	97.56	101.56	105.64	108.09	110.13	116.24	117.99
800	97.47	100.65	102.56	104.16	108.17	112.24	114.70	116.73	122.84	124.59
850	104.04	107.23	109.15	110.75	114.76	118.84	121.29	123.33	129.44	131.19
900	110.61	113.83	115.75	117.36	121.36	125.44	127.89	129.93	136.03	137.79
950	117.17	120.41	122.35	123.95	127.97	132.06	134.51	136.52	142.64	144.40
1000	123.76	127.02	128.95	130.56	134.56	138.66	141.10	143.13	149.23	151.00

CA-601/2/3-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern in RAL colour

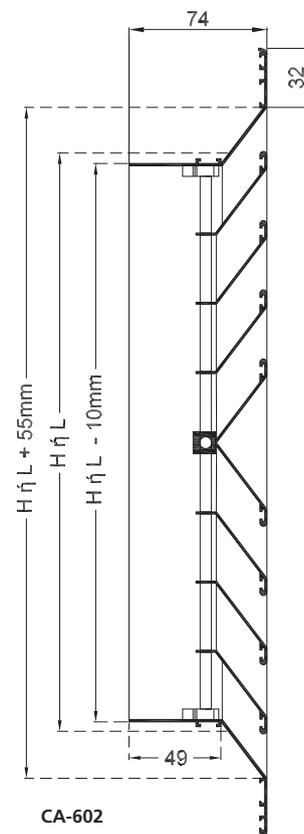
	150	200	230	250	300	350	380	400	450	500
150	39.40									
200	42.16	45.28								
230	43.82	47.14	49.10							
250	45.51	48.68	50.56	52.04						
300	49.69	52.50	54.20	55.77	59.66					
350	53.28	56.87	59.00	60.15	63.02	67.20				
380	55.46	59.48	61.88	62.79	65.07	69.72	72.52			
400	57.22	61.02	63.29	64.37	67.06	71.58	74.28	76.12		
450	62.44	65.67	67.61	69.16	73.05	77.13	79.59	81.61	87.71	
500	67.32	70.47	72.36	73.92	77.89	81.96	84.41	86.45	92.55	95.62
530	70.98	74.06	75.90	77.52	81.52	85.59	88.04	90.08	96.18	97.93
550	73.60	76.69	78.55	80.15	84.16	88.24	90.71	92.72	98.82	100.75
600	81.48	84.60	86.48	88.08	92.09	96.17	98.63	100.83	107.54	109.47
650	86.75	89.88	91.74	93.37	97.36	101.68	104.39	106.62	113.33	115.27
700	93.31	96.46	98.36	100.05	104.47	108.94	111.65	113.88	120.60	122.54
750	99.98	103.46	105.55	107.32	111.72	116.23	118.91	121.14	127.86	129.79
800	107.21	110.72	112.81	114.58	118.98	123.46	126.17	128.40	135.12	137.05
850	114.43	117.96	120.07	121.84	126.24	130.75	133.43	135.66	142.38	144.31
900	121.67	125.20	127.33	129.10	133.50	137.98	140.69	142.92	149.64	151.57
950	128.90	132.45	134.59	136.36	140.76	145.27	147.95	150.18	156.90	158.84
1000	136.13	139.72	141.85	143.62	148.02	152.50	155.21	157.43	164.15	166.09

CA-601/2/3

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern

530 550 600 650 700 750 800 850 900 950 1000

90.27											
92.91	95.57										
100.84	103.53	111.60									
106.11	108.83	116.99	122.42								
112.72	115.48	123.71	129.20	136.04							
119.31	122.12	130.43	135.98	142.90	149.82						
125.91	128.78	137.15	142.76	149.77	156.76	163.75					
132.51	135.41	143.88	149.55	156.61	163.67	170.73	177.79				
139.11	142.05	150.62	156.32	163.47	170.60	177.74	184.87	192.02			
145.71	148.70	157.34	163.11	170.32	177.52	184.73	191.94	199.14	206.35		
152.31	155.34	164.08	169.88	177.17	184.45	191.72	199.01	206.27	213.55	220.84	

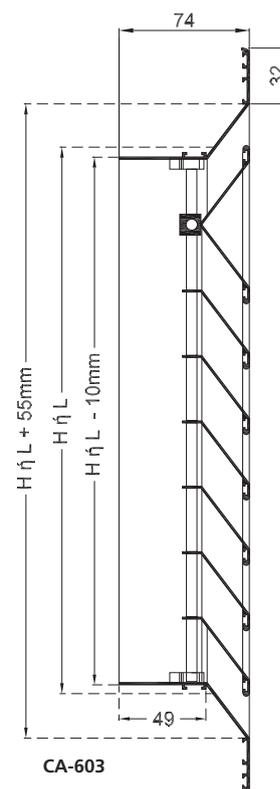


CA-601/2/3-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern in RAL colour

530 550 600 650 700 750 800 850 900 950 1000

99.30											
102.20	105.12										
110.91	113.88	122.75									
116.72	119.72	128.68	134.65								
123.98	127.03	136.09	142.11	149.66							
131.24	134.33	143.48	149.58	157.19	164.81						
138.50	141.65	150.89	157.04	164.73	172.43	180.13					
145.76	148.95	158.27	164.49	172.27	180.05	187.81	195.58				
153.02	156.26	165.67	171.95	179.82	187.66	195.50	203.37	211.21			
160.28	163.57	173.06	179.42	187.34	195.27	203.19	211.13	219.05	226.99		
167.54	170.86	180.47	186.88	194.89	202.90	210.89	218.90	226.90	234.91	242.90	



CA-601/2/3D CA-601/2/3D-RAL



CA-601D



CA-602D



CA-603D

CA-601/2/3D

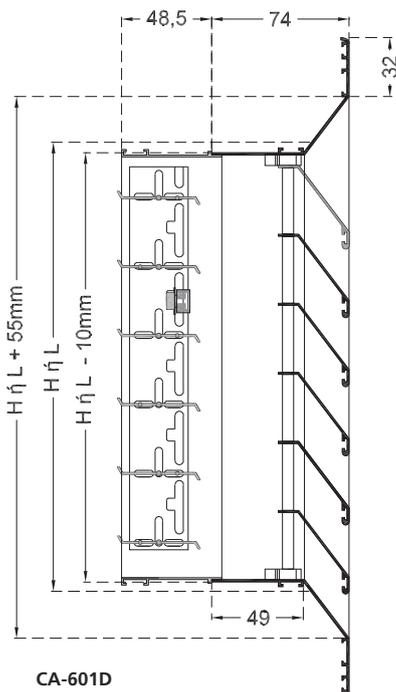
στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with damper

	150	200	230	250	300	350	380	400	450	500
150	40.94									
200	44.57	48.58								
230	46.25	51.17	54.12							
250	48.67	53.42	56.26	58.43						
300	54.73	59.03	61.61	63.85	69.47					
350	60.65	64.85	67.38	69.70	75.51	81.51				
380	64.20	68.35	70.84	73.20	79.14	85.12	88.68			
400	67.23	71.45	73.97	76.31	82.14	88.15	91.75	94.83		
450	76.38	80.73	83.35	85.58	91.15	97.20	100.85	104.09	113.84	
500	84.51	88.86	91.47	93.71	99.30	105.34	108.98	112.23	121.97	130.06
530	90.60	94.96	97.57	99.82	105.41	111.45	115.09	118.33	128.07	136.11
550	94.86	99.20	101.81	104.06	109.68	115.72	119.33	122.58	132.32	140.37
600	107.59	111.94	114.55	116.79	122.42	128.45	132.07	135.31	145.06	153.11
650	116.08	120.44	123.05	125.29	130.90	136.93	140.57	143.80	153.55	161.59
700	126.69	131.05	133.66	135.91	141.51	147.55	151.19	154.41	164.16	172.20
750	137.29	141.66	144.27	146.52	152.12	158.16	161.79	165.03	174.77	182.81
800	147.91	152.27	154.88	157.13	162.74	168.78	172.41	175.64	185.38	193.44
850	158.52	162.89	165.50	167.76	173.35	179.39	183.02	186.25	196.01	204.04
900	169.13	173.50	176.11	178.36	183.96	190.00	193.64	196.86	206.62	214.66
950	179.73	184.11	186.72	188.98	194.58	200.62	204.25	207.48	217.23	225.27
1000	190.36	194.72	197.33	199.58	205.19	211.24	214.86	218.10	227.84	235.87

CA-601/2/3D-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with damper in RAL colour

	150	200	230	250	300	350	380	400	450	500
150	49.95									
200	53.25	57.58								
230	55.24	60.16	63.10							
250	57.67	62.41	65.25	67.43						
300	63.72	68.02	70.61	72.85	78.46					
350	69.64	73.85	76.38	78.71	84.51	90.50				
380	73.20	77.35	79.82	82.20	88.14	94.11	97.69			
400	76.24	80.45	82.96	85.29	91.14	97.15	100.74	103.83		
450	85.37	89.74	92.36	94.58	100.14	106.21	109.85	113.10	122.83	
500	93.50	97.86	100.48	102.72	108.30	114.35	117.98	121.23	130.96	139.04
530	99.60	103.96	106.57	108.82	114.42	120.45	124.08	127.32	137.06	145.10
550	103.85	108.20	110.82	113.07	118.67	124.71	128.34	131.57	141.31	149.53
600	116.60	120.93	123.55	125.80	131.40	137.45	141.07	144.48	154.84	163.05
650	125.08	129.42	132.03	134.29	139.90	146.18	150.05	153.50	163.84	172.07
700	135.68	140.04	142.67	145.01	151.01	157.45	161.32	164.77	175.12	183.33
750	146.39	151.07	153.88	156.28	162.30	168.74	172.60	176.04	186.40	194.61
800	157.67	162.34	165.14	167.56	173.56	180.00	183.87	187.31	197.66	205.90
850	168.92	173.60	176.41	178.82	184.84	191.28	195.15	198.59	208.94	217.16
900	180.20	184.87	187.70	190.09	196.10	202.54	206.41	209.87	220.20	228.43
950	191.46	196.15	198.97	201.37	207.38	213.83	217.69	221.13	231.49	239.70
1000	202.74	207.42	210.24	212.64	218.65	225.09	228.96	232.41	242.76	250.97



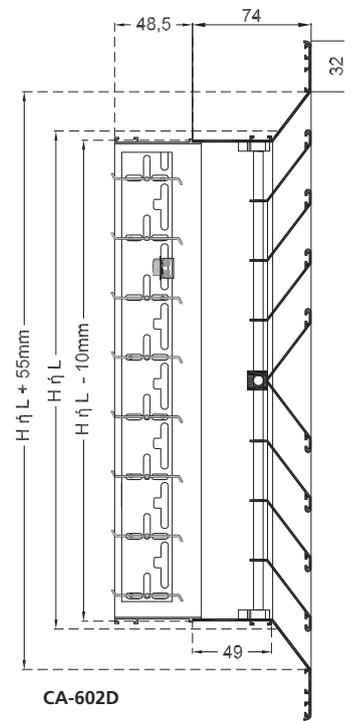
CA-601D

CA-601/2/3D

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern and damper

530 550 600 650 700 750 800 850 900 950 1000

142.15											
146.40	150.66										
159.13	163.43	176.32									
167.62	171.94	184.91	193.53								
178.23	182.59	195.64	204.34	215.20							
188.85	193.25	206.40	215.13	226.07	237.00						
199.46	203.92	217.13	225.94	236.94	247.93	258.96					
210.07	214.57	227.87	236.72	247.80	258.88	269.95	281.03				
220.68	225.22	238.60	247.52	258.66	269.82	280.97	292.12	303.27			
231.29	235.87	249.35	258.33	269.54	280.76	291.97	303.19	314.41	325.64		
241.91	246.53	260.09	269.10	280.41	291.69	302.99	314.27	325.56	336.85	348.13	

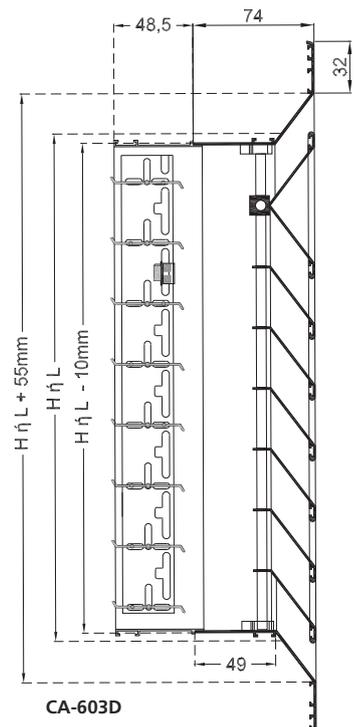


CA-601/2/3D-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern and damper in RAL colour

530 550 600 650 700 750 800 850 900 950 1000

151.17											
155.69	160.20										
169.22	173.77	187.47									
178.23	182.82	196.61	205.78								
189.50	194.15	208.02	217.26	228.81							
200.78	205.47	219.42	228.73	240.36	251.99						
212.05	216.79	230.84	240.20	251.92	263.62	275.33					
223.33	228.11	242.25	251.68	263.46	275.24	287.03	298.82				
234.59	239.44	253.67	263.15	275.01	286.88	298.73	310.61	322.46			
245.87	250.74	265.07	274.62	286.56	298.50	310.44	322.37	334.32	346.27		
257.13	262.06	276.49	286.09	298.12	310.14	322.15	334.17	346.19	358.21	370.22	



CA-601/2/3-E CA-601/2/3-E-RAL



CA-601-E



CA-602-E



CA-603-E

CA-601/2/3-E

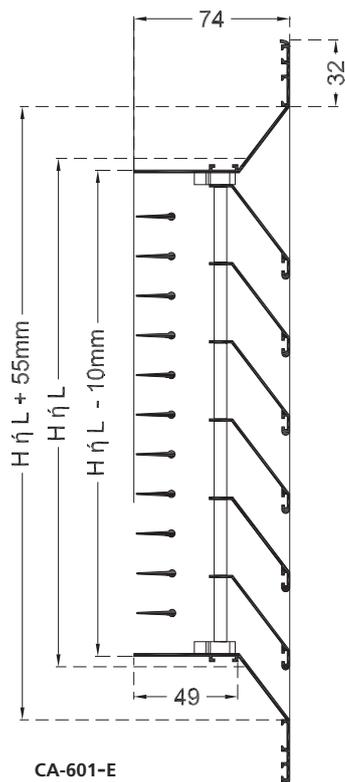
στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με εσχάρα
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with equalizing grid

	150	200	230	250	300	350	380	400	450	500
150	38.69									
200	42.51	46.17								
230	44.34	48.54	51.05							
250	46.47	50.49	52.91	54.77						
300	51.78	55.37	57.53	59.51	64.47					
350	56.38	60.92	63.64	65.11	68.75	74.09				
380	59.15	64.23	67.31	68.46	71.35	77.30	80.86			
400	61.36	66.21	69.12	70.49	73.90	79.64	83.11	85.43		
450	68.02	72.12	74.59	76.57	81.52	86.71	89.84	92.42	100.19	
500	74.24	78.25	80.64	82.63	87.67	92.87	95.99	98.58	106.36	110.26
530	78.89	82.81	85.15	87.19	92.29	97.49	100.61	103.19	110.96	113.21
550	82.22	86.15	88.52	90.56	95.65	100.85	103.98	106.55	114.33	116.57
600	92.26	96.22	98.60	100.66	105.77	110.95	114.07	116.65	124.42	126.66
650	98.95	102.93	105.32	107.36	112.46	117.65	120.77	123.36	131.14	133.38
700	107.32	111.32	113.72	115.76	120.86	126.07	129.19	131.76	139.54	141.78
750	115.68	119.69	122.12	124.17	129.26	134.46	137.58	140.17	147.94	150.17
800	124.05	128.10	130.52	132.57	137.67	142.86	145.98	148.56	156.34	158.57
850	132.42	136.48	138.92	140.96	146.06	151.25	154.37	156.96	164.74	166.97
900	140.78	144.87	147.32	149.36	154.46	159.66	162.78	165.36	173.13	175.37
950	149.14	153.25	155.73	157.77	162.86	168.07	171.18	173.77	181.55	183.77
1000	157.51	161.67	164.13	166.17	171.27	176.47	179.58	182.17	189.93	192.17

CA-601/2/3-E-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με εσχάρα βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with equalizing grid in RAL
colour

	150	200	230	250	300	350	380	400	450	500
150	47.67									
200	51.21	55.17								
230	53.33	57.54	60.04							
250	55.47	59.50	61.90	63.78						
300	60.79	64.37	66.53	68.52	73.47					
350	65.36	69.92	72.64	74.10	77.76	83.10				
380	68.14	73.24	76.32	77.45	80.36	86.29	89.85			
400	70.36	75.21	78.12	79.47	82.90	88.65	92.10	94.43		
450	77.03	81.11	83.58	85.57	90.53	95.71	98.84	101.43	109.18	
500	83.24	87.24	89.62	91.63	96.67	101.87	104.99	107.58	115.34	119.25
530	87.88	91.79	94.14	96.19	101.29	106.48	109.60	112.20	119.95	122.20
550	91.22	95.15	97.52	99.56	104.66	109.85	112.97	115.56	123.32	125.73
600	101.25	105.23	107.61	109.65	114.74	119.94	123.06	125.83	134.20	136.60
650	107.95	111.93	114.32	116.37	121.47	126.90	130.27	133.06	141.43	143.86
700	116.30	120.32	122.72	124.86	130.37	135.96	139.33	142.12	150.49	152.91
750	124.77	129.10	131.72	133.93	139.43	145.02	148.39	151.18	159.56	161.97
800	133.79	138.16	140.79	142.98	148.49	154.08	157.45	160.24	168.61	171.04
850	142.81	147.21	149.85	152.04	157.55	163.15	166.50	169.30	177.68	180.09
900	151.83	156.24	158.90	161.11	166.61	172.19	175.56	178.35	186.74	189.15
950	160.86	165.29	167.97	170.16	175.67	181.27	184.62	187.41	195.79	198.22
1000	169.88	174.36	177.03	179.23	184.73	190.32	193.69	196.47	204.86	207.27



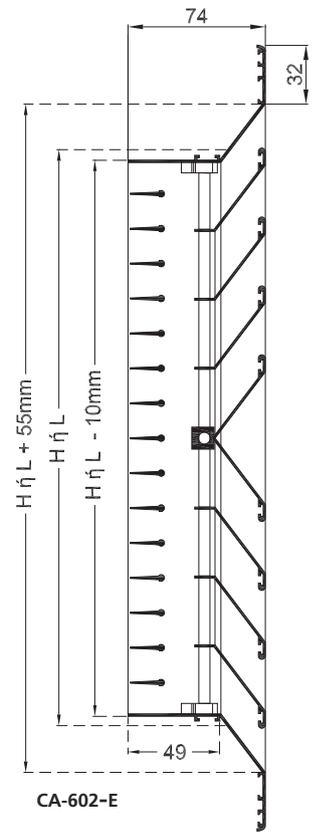
CA-601-E

CA-601/2/3-E

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με εσχάρα
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with equalizing grid

530 550 600 650 700 750 800 850 900 950 1000

114.89											
118.25	121.62										
128.34	131.75	142.03									
135.05	138.52	148.90	155.79								
143.45	146.99	157.45	164.44	173.15							
151.85	155.43	166.01	173.06	181.88	190.69						
160.26	163.90	174.57	181.70	190.60	199.50	208.40					
168.66	172.35	183.13	190.33	199.32	208.32	217.30	226.29				
177.04	180.80	191.69	198.95	208.04	217.12	226.20	235.29	244.37			
185.44	189.26	200.24	207.61	216.76	225.94	235.11	244.29	253.44	262.63		
193.85	197.70	208.82	216.22	225.48	234.76	244.01	253.28	262.53	271.79	281.07	



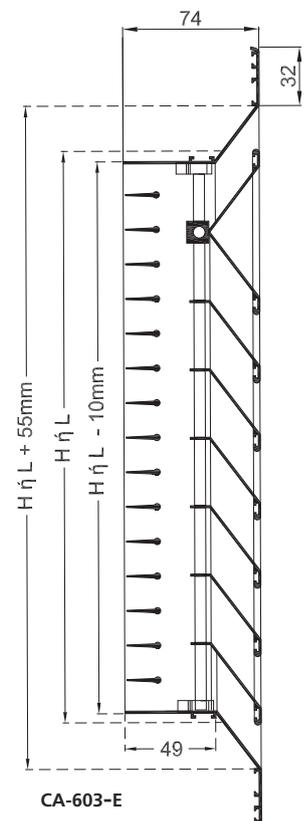
CA-602-E

CA-601/2/3-E-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με εσχάρα βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with equalizing grid in RAL colour

530 550 600 650 700 750 800 850 900 950 1000

123.91											
127.53	131.19										
138.42	142.11	153.19									
145.66	149.40	160.59	168.04								
154.71	158.53	169.81	177.35	186.76							
163.77	167.64	179.05	186.66	196.18	205.67						
172.84	176.78	188.29	195.98	205.58	215.18	224.77					
181.89	185.89	197.52	205.28	214.98	224.69	234.38	244.08				
190.95	195.01	206.76	214.59	224.39	234.19	243.97	253.78	263.58			
200.02	204.13	215.99	223.90	233.80	243.68	253.58	263.48	273.36	283.26		
209.07	213.23	225.22	233.22	243.21	253.20	263.18	273.18	283.17	293.16	303.14	



CA-603-E

CA-601/2/3DE CA-601/2/3DE-RAL

CA-601/2/3D-E

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα & εσαχάρα
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with damper & equalizing grid



CA-601D-E



CA-602D-E



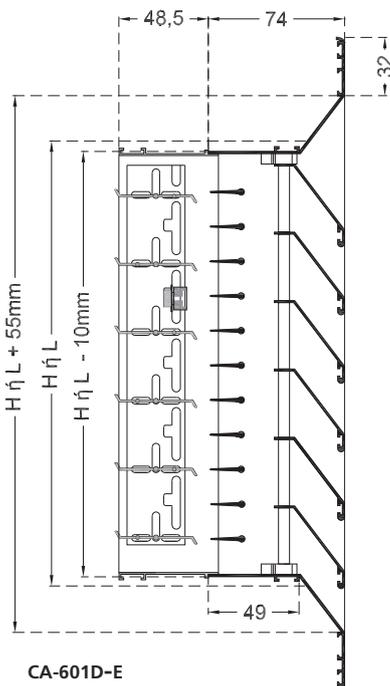
CA-603D-E

	150	200	230	250	300	350	380	400	450	500
150	49.24									
200	50.57	58.47								
230	55.75	61.57	65.05							
250	58.63	64.24	67.61	70.16						
300	65.82	70.89	73.94	76.60	83.28					
350	72.73	77.92	81.00	83.66	90.23	97.39				
380	76.89	82.11	85.26	87.87	94.43	101.67	106.02			
400	80.39	85.64	88.77	91.41	97.98	105.22	109.55	113.13		
450	90.94	96.19	99.34	101.99	108.60	115.78	120.10	123.90	135.30	
500	100.42	105.62	108.75	111.42	118.09	125.25	129.55	133.35	144.76	153.69
530	107.52	112.71	115.82	118.50	125.20	132.35	136.64	140.45	151.85	160.37
550	112.47	117.67	120.79	123.48	130.17	137.32	141.62	145.41	156.82	165.35
600	127.36	132.56	135.68	138.38	145.08	152.22	156.52	160.31	171.72	180.23
650	137.29	142.48	145.61	148.30	155.00	162.15	166.45	170.24	181.65	190.17
700	149.70	154.90	158.02	160.71	167.40	174.58	178.86	182.66	194.06	202.59
750	162.08	167.30	170.44	173.13	179.83	186.98	191.27	195.06	206.48	214.99
800	174.49	179.73	182.84	185.54	192.23	199.39	203.69	207.49	218.88	227.41
850	186.90	192.13	195.27	197.96	204.66	211.80	216.09	219.89	231.31	239.82
900	199.30	204.53	207.67	210.36	217.06	224.21	228.52	232.30	243.71	252.24
950	211.70	216.95	220.10	222.79	229.49	236.64	240.92	244.72	256.14	264.64
1000	224.11	229.36	232.50	235.19	241.89	249.04	253.33	257.13	268.54	277.06

CA-601/2/3D-E-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα & εσαχάρα βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with damper & equalizing grid in
RAL colour

	150	200	230	250	300	350	380	400	450	500
150	58.23									
200	62.31	67.47								
230	64.73	70.57	74.05							
250	67.62	73.23	76.59	79.17						
300	74.82	79.89	82.94	85.61	92.26					
350	81.72	86.90	90.02	92.65	99.24	106.39				
380	85.87	91.11	94.26	96.87	103.42	110.67	115.02			
400	89.38	94.64	97.77	100.39	106.98	114.21	118.54	122.13		
450	99.95	105.19	108.34	110.99	117.61	124.79	129.11	132.90	144.29	
500	109.42	114.63	117.76	120.42	127.09	134.25	138.55	142.36	153.74	162.67
530	116.52	121.70	124.81	127.50	134.20	141.34	145.63	149.43	160.84	169.37
550	121.47	126.66	129.79	132.48	139.18	146.32	150.62	154.41	165.82	174.51
600	136.36	141.56	144.69	147.38	154.08	161.22	165.51	169.48	181.49	190.19
650	146.29	151.49	154.62	157.31	164.01	171.39	175.94	179.94	191.94	200.65
700	158.67	163.90	167.02	169.81	176.92	184.47	189.00	193.02	205.01	213.72
750	171.18	176.72	180.03	182.89	189.99	197.56	202.08	206.07	218.09	226.79
800	184.24	189.79	193.11	195.97	203.07	210.61	215.16	219.15	231.17	239.87
850	197.30	202.85	206.19	209.02	216.14	223.70	228.22	232.22	244.24	252.94
900	210.35	215.92	219.26	222.10	229.21	236.75	241.30	245.30	257.32	266.01
950	223.41	228.98	232.34	235.17	242.28	249.84	254.36	258.38	270.37	279.08
1000	236.48	242.06	245.41	248.25	255.35	262.91	267.44	271.43	283.45	292.16



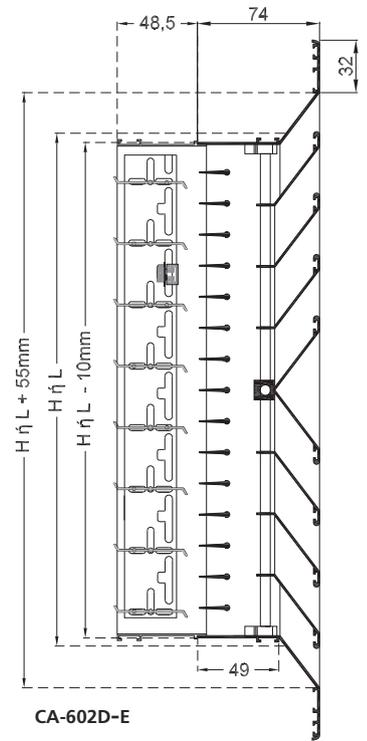
CA-601D-E

CA-601/2/3D-E

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα και εσχάρα
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with damper & equalizing grid

530 550 600 650 700 750 800 850 900 950 1000

166.76											
171.73	176.71										
186.63	191.66	206.75									
196.56	201.62	216.81	226.93								
208.98	214.10	229.38	239.57	252.31							
221.39	226.56	241.96	252.22	265.04	277.87						
233.80	239.04	254.54	264.86	277.78	290.70	303.61					
246.22	251.49	267.11	277.51	290.52	303.51	316.52	329.53				
258.63	263.96	279.67	290.16	303.25	316.34	329.44	342.53	355.63			
271.04	276.44	292.25	302.80	315.98	329.17	342.35	355.55	368.72	381.91		
283.45	288.89	304.84	315.44	328.72	342.00	355.27	368.54	381.82	395.08	408.37	

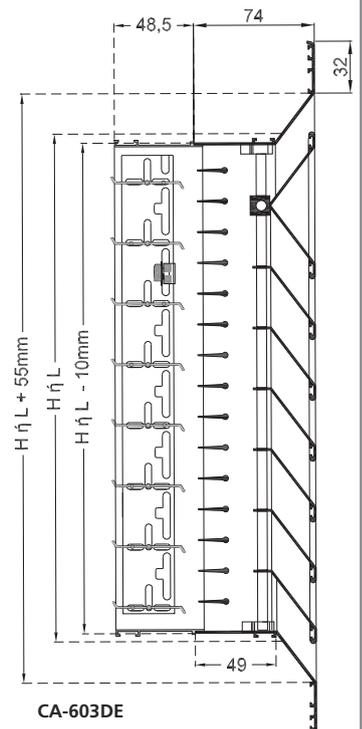


CA-601/2/3D-E-RAL

στόμιο οροφής τύπου ανεμοστάτη μίας/δύο/τριών κατευθύνσεων με διάφραγμα & εσχάρα βαμμένο
ceiling diffuser with fixed air deflection - 1, 2 or 3 way throw pattern with damper & equalizing grid in
RAL colour

530 550 600 650 700 750 800 850 900 950 1000

175.79											
181.02	186.27										
196.71	202.01	217.92									
207.17	212.50	228.51	239.16								
220.25	225.65	241.74	252.49	265.92							
233.31	238.78	255.00	265.81	279.33	292.84						
246.38	251.91	268.25	279.14	292.76	306.38	319.98					
259.46	265.04	281.49	292.46	306.17	319.88	333.60	347.31				
272.53	278.18	294.75	305.79	319.60	333.41	347.21	361.02	374.83			
285.61	291.30	307.99	319.11	333.02	346.91	360.82	374.73	388.63	402.55		
298.68	304.43	321.23	332.44	346.43	360.44	374.45	388.44	402.45	416.45	430.44	



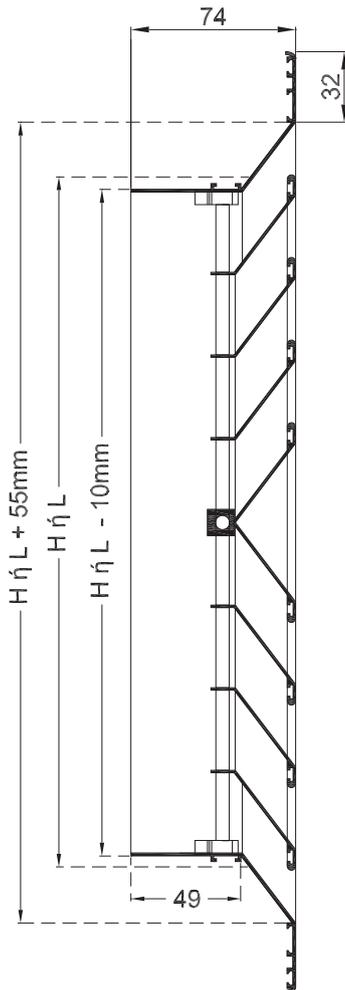
CA-604 CA-604-RAL



CA-604

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων
ceiling diffuser with fixed air deflection - 4 way throw pattern

	150	200	230	250	300	350	380	400	450	500
150	27.63									
200	30.14	32.98								
230	31.67	34.66	36.45							
250	33.19	36.07	37.77	39.14						
300	36.98	39.55	41.09	41.86	46.06					
350	40.27	43.52	45.46	46.50	49.13	52.92				
380	42.25	45.88	48.08	48.91	50.96	55.21	57.75			
400	43.83	47.29	49.38	50.35	52.79	56.90	59.37	61.03		
450	48.60	51.51	53.27	54.69	58.23	61.94	64.16	66.02	71.57	
500	53.03	55.88	57.60	59.03	62.62	66.34	68.56	70.41	75.96	78.76
530	56.35	59.15	60.82	62.28	65.92	69.63	71.85	73.71	79.26	80.87
550	58.73	61.53	63.24	64.69	68.34	72.04	74.27	76.12	81.68	83.26
600	65.90	68.73	70.44	71.90	75.55	79.24	81.48	83.32	88.88	90.46
650	70.69	73.52	75.23	76.69	80.33	84.04	86.26	88.12	93.67	95.26
700	76.66	79.51	81.23	82.69	86.34	90.05	92.27	94.12	99.67	101.27
750	82.62	85.49	87.23	88.69	92.33	96.04	98.26	100.12	105.67	107.26
800	88.61	91.50	93.24	94.69	98.34	102.04	104.27	106.12	111.67	113.26
850	94.58	97.48	99.23	100.68	104.33	108.04	110.26	112.12	117.67	119.26
900	100.55	103.48	105.23	106.69	110.33	114.04	116.26	118.12	123.66	125.26
950	106.52	109.46	111.23	112.68	116.34	120.05	122.28	124.11	129.67	131.27
1000	112.51	115.47	117.23	118.69	122.33	126.05	128.27	130.12	135.66	137.27



CA-604-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων βαρμμένο
ceiling diffuser with fixed air deflection - 4 way throw pattern

	150	200	230	250	300	350	380	400	450	500
150	35.82									
200	38.33	41.16								
230	39.84	42.85	44.64							
250	41.37	44.25	45.96	47.31						
300	45.17	47.73	49.27	50.70	54.24					
350	48.44	51.70	53.64	54.68	57.29	61.09				
380	50.42	54.07	56.25	57.08	59.15	63.38	65.93			
400	52.02	55.47	57.54	58.52	60.96	65.07	67.53	69.20		
450	56.76	59.70	61.46	62.87	66.41	70.12	72.35	74.19	79.74	
500	61.20	64.06	65.78	67.20	70.81	74.51	76.74	78.59	84.14	86.93
530	64.53	67.33	69.00	70.47	74.11	77.81	80.04	81.89	87.44	89.03
550	66.91	69.72	71.41	72.86	76.51	80.22	82.46	84.29	89.84	91.59
600	74.07	76.91	78.62	80.07	83.72	87.43	89.66	91.66	97.76	99.52
650	78.86	81.71	83.40	84.88	88.51	92.44	94.90	96.93	103.03	104.79
700	84.83	87.69	89.42	90.95	94.97	99.04	101.50	103.53	109.64	111.40
750	90.89	94.05	95.95	97.56	101.56	105.66	108.10	110.13	116.24	117.99
800	97.46	100.65	102.55	104.16	108.16	112.24	114.70	116.73	122.84	124.59
850	104.03	107.24	109.15	110.76	114.76	118.86	121.30	123.33	129.44	131.19
900	110.61	113.82	115.75	117.36	121.36	125.44	127.90	129.93	136.04	137.79
950	117.18	120.41	122.35	123.96	127.96	132.06	134.50	136.53	142.64	144.40
1000	123.75	127.02	128.95	130.56	134.56	138.64	141.10	143.12	149.23	150.99

CA-604

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων
ceiling diffuser with fixed air deflection - 4 way throw pattern

530	550	600	650	700	750	800	850	900	950	1000
82.06										
84.46	86.88									
91.67	94.12	101.45								
96.46	98.94	106.35	111.29							
102.47	104.98	112.46	117.45	123.67						
108.46	111.02	118.57	123.62	129.91	136.20					
114.46	117.07	124.68	129.78	136.15	142.51	148.86				
120.46	123.10	130.80	135.95	142.37	148.79	155.21	161.63			
126.46	129.14	136.93	142.11	148.61	155.09	161.58	168.06	174.56		
132.46	135.18	143.04	148.28	154.84	161.38	167.94	174.49	181.04	187.59	
138.46	141.22	149.16	154.44	161.06	167.68	174.29	180.92	187.52	194.14	200.76

CA-604-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων βαμμένο
ceiling diffuser with fixed air deflection - 4 way throw pattern in RAL colour

530	550	600	650	700	750	800	850	900	950	1000
90.27										
92.91	95.56									
100.83	103.53	111.59								
106.11	108.84	116.98	122.41							
112.71	115.48	123.72	129.19	136.05						
119.31	122.12	130.44	135.98	142.90	149.83					
125.91	128.77	137.17	142.76	149.75	156.75	163.75				
132.51	135.41	143.88	149.54	156.61	163.68	170.74	177.80			
139.11	142.05	150.61	156.32	163.47	170.60	177.73	184.88	192.01		
145.71	148.70	157.33	163.11	170.31	177.52	184.72	191.94	199.14	206.35	
152.31	155.33	164.06	169.89	177.17	184.45	191.72	199.00	206.27	213.55	220.82

CA-604D CA-604D-RAL



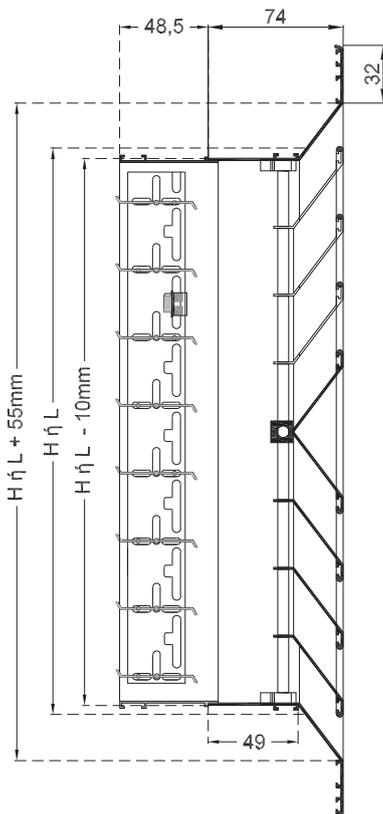
CA-604D

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα
ceiling diffuser with fixed air deflection (anemostat) with 4 way throw pattern & damper

	150	200	230	250	300	350	380	400	450	500
150	38,18									
200	41,25	45,28								
230	43,08	47,70	50,47							
250	45,35	49,81	52,48	54,52						
300	51,03	55,07	57,50	59,60	64,86					
350	56,62	60,50	62,83	65,05	70,60	76,22				
380	59,97	63,76	66,03	68,31	74,04	79,60	82,90			
400	62,85	66,72	69,03	71,27	76,86	82,46	85,81	88,73		
450	71,51	75,58	78,02	80,11	85,33	91,01	94,43	97,49	106,68	
500	79,21	83,27	85,71	87,81	93,04	98,71	102,12	105,19	114,37	122,18
530	84,96	89,04	91,49	93,59	98,82	104,49	107,90	110,96	120,14	128,02
550	88,99	93,05	95,49	97,59	102,85	108,52	111,90	114,97	124,15	132,04
600	101,00	105,07	107,51	109,60	114,86	120,53	123,92	126,98	136,17	144,06
650	109,01	113,09	115,53	117,62	122,87	128,53	131,94	134,99	144,18	152,06
700	119,02	123,10	125,54	127,64	132,88	138,54	141,96	145,00	154,19	162,07
750	129,03	133,11	135,55	137,65	142,89	148,56	151,96	155,02	164,20	172,08
800	139,05	143,12	145,56	147,66	152,91	158,58	161,98	165,03	174,21	182,11
850	149,06	153,14	155,58	157,69	162,92	168,59	171,99	175,04	184,24	192,11
900	159,07	163,15	165,59	167,69	172,93	178,60	182,01	185,05	194,25	202,13
950	169,08	173,16	175,60	177,71	182,95	188,61	192,02	195,07	204,26	212,14
1000	179,11	183,17	185,61	187,71	192,96	198,63	202,03	205,09	214,27	222,14

CA-604D-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα βαμμένο
ceiling diffuser with fixed air deflection (anemostat) with 4 way throw pattern & damper in RAL colour



	150	200	230	250	300	350	380	400	450	500
150	46.37									
200	49.42	53.46								
230	51.26	55.87	58.64							
250	53.53	57.98	60.65	62.70						
300	59.20	63.25	65.68	67.78	73.04					
350	64.80	68.68	71.02	73.24	78.78	84.39				
380	68.16	71.94	74.19	76.49	82.22	87.77	91.10			
400	71.04	74.90	77.21	79.44	85.04	90.64	93.99	96.91		
450	79.69	83.77	86.21	88.29	93.50	99.20	102.61	105.68	114.86	
500	87.38	91.45	93.90	96.00	101.22	106.90	110.31	113.37	122.55	130.35
530	93.15	97.23	99.67	101.77	107.01	112.67	116.08	119.13	128.32	136.20
550	97.16	101.23	103.68	105.78	111.02	116.69	120.09	123.14	132.33	140.37
600	109.19	113.24	115.69	117.79	123.03	128.71	132.10	135.31	145.06	153.10
650	117.19	121.25	123.69	125.80	131.05	136.94	140.56	143.81	153.54	161.59
700	127.20	131.27	133.73	135.91	141.51	147.55	151.17	154.42	164.16	172.19
750	137.30	141.66	144.28	146.52	152.14	158.17	161.79	165.03	174.78	182.81
800	147.92	152.27	154.88	157.14	162.74	168.78	172.40	175.64	185.38	193.44
850	158.52	162.88	165.49	167.74	173.36	179.39	183.02	186.26	196.00	204.04
900	169.14	173.49	176.12	178.35	183.96	190.00	193.62	196.88	206.60	214.65
950	179.74	184.11	186.73	188.97	194.58	200.62	204.24	207.48	217.23	225.26
1000	190.36	194.72	197.34	199.58	205.19	211.23	214.85	218.10	227.84	235.87

CA-604D

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα
ceiling diffuser with fixed air deflection - 4 way throw pattern with damper

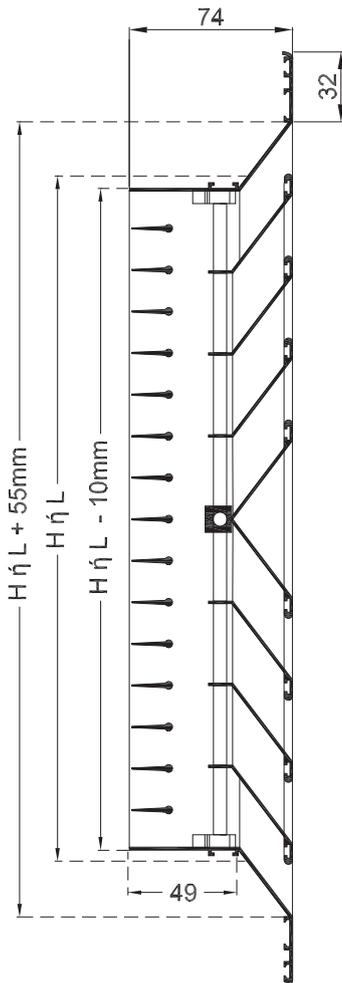
530	550	600	650	700	750	800	850	900	950	1000
133,94										
137,95	141,97									
149,96	154,02	166,17								
157,97	162,05	174,27	182,40							
167,98	172,09	184,39	192,59	202,83						
178,00	182,15	194,54	202,77	213,08	223,38					
188,01	192,21	204,66	212,96	223,32	233,68	244,07				
198,02	202,26	214,79	223,12	233,56	244,00	254,43	264,87			
208,03	212,31	224,91	233,31	243,80	254,31	264,81	275,31	285,81		
218,04	222,35	235,05	243,50	254,06	264,62	275,18	285,74	296,31	306,88	
228,06	232,41	245,17	253,66	264,30	274,92	285,56	296,18	306,81	317,44	328,05

CA-604D-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα βαμμένο
ceiling diffuser with fixed air deflection - 4 way throw pattern with damper in RAL colour

530	550	600	650	700	750	800	850	900	950	1000
142.14										
146.40	150.64									
159.14	163.42	176.31								
167.62	171.94	184.91	193.54							
178.23	182.60	195.65	204.34	215.20						
188.85	193.26	206.38	215.13	226.07	237.01					
199.46	203.91	217.12	225.92	236.94	247.94	258.95				
210.08	214.57	227.86	236.73	247.80	258.87	269.96	281.04			
220.68	225.23	238.61	247.52	258.66	269.82	280.96	292.12	303.26		
231.30	235.87	249.34	258.31	269.53	280.75	291.97	303.18	314.41	325.63	
241.90	246.53	260.08	269.10	280.40	291.69	302.98	314.27	325.56	336.85	348.14

CA-604-E CA-604-E-RAL



CA-604-E

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με εσχάρα
ceiling diffuser with fixed air deflection - 4 way throw pattern with equalizing grid

	150	200	230	250	300	350	380	400	450	500
150	35.93									
200	39.19	42.87								
230	41.17	45.07	47.40							
250	43.15	46.88	49.13	50.86						
300	48.08	51.41	53.42	55.26	59.86					
350	52.35	56.57	59.09	60.46	63.84	68.80				
380	54.92	59.64	62.50	63.57	66.25	71.78	75.08			
400	56.98	61.48	64.18	65.45	68.62	73.95	77.17	79.33		
450	63.16	66.97	69.26	71.10	75.70	80.52	83.42	85.82	93.03	
500	68.94	72.66	74.88	76.73	81.41	86.24	89.13	91.54	98.76	102.38
530	73.25	76.89	79.07	80.96	85.70	90.53	93.42	95.82	103.03	105.12
550	76.35	80.00	82.20	84.09	88.82	93.65	96.55	98.94	106.16	108.24
600	85.67	89.35	91.56	93.47	98.21	103.03	105.92	108.32	115.53	117.61
650	91.88	95.58	97.80	99.69	104.43	109.25	112.14	114.55	121.77	123.85
700	99.65	103.37	105.60	107.49	112.23	117.06	119.96	122.35	129.57	131.65
750	107.42	111.14	113.40	115.30	120.03	124.86	127.75	130.16	137.37	139.44
800	115.19	118.95	121.20	123.10	127.84	132.66	135.55	137.95	145.17	147.24
850	122.96	126.73	129.00	130.89	135.63	140.45	143.34	145.75	152.97	155.04
900	130.72	134.52	136.80	138.69	143.43	148.26	151.15	153.55	160.76	162.84
950	138.49	142.30	144.61	146.50	151.23	156.06	158.95	161.36	168.58	170.64
1000	146.26	150.12	152.41	154.30	159.04	163.86	166.75	169.16	176.36	178.44

CA-604-E-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με εσχάρα βαμμένο
ceiling diffuser with fixed air deflection - 4 way throw pattern with equalizing grid
RAL colour

	150	200	230	250	300	350	380	400	450	500
150	44.09									
200	47.38	51.05								
230	49.35	53.25	55.58							
250	51.33	55.07	57.30	59.05						
300	56.27	59.60	61.60	63.45	68.05					
350	60.52	64.75	67.28	68.63	72.03	76.99				
380	63.10	67.83	70.69	71.74	74.44	79.95	83.26			
400	65.16	69.66	72.37	73.62	76.80	82.14	85.35	87.51		
450	71.35	75.14	77.43	79.28	83.89	88.70	91.60	94.01	101.21	
500	77.12	80.83	83.04	84.91	89.59	94.42	97.32	99.72	106.93	110.56
530	81.43	85.06	87.24	89.14	93.88	98.70	101.60	104.01	111.21	113.30
550	84.53	88.18	90.38	92.27	97.01	101.83	104.72	107.13	114.34	116.57
600	93.84	97.54	99.75	101.64	106.37	111.20	114.09	116.66	124.42	126.65
650	100.06	103.76	105.98	107.88	112.62	117.66	120.78	123.37	131.13	133.38
700	107.82	111.55	113.78	115.76	120.87	126.06	129.18	131.77	139.53	141.77
750	115.68	119.69	122.12	124.17	129.27	134.45	137.58	140.17	147.94	150.17
800	124.04	128.09	130.53	132.56	137.67	142.86	145.98	148.57	156.33	158.58
850	132.41	136.49	138.93	140.96	146.07	151.26	154.37	156.97	164.74	166.97
900	140.77	144.86	147.32	149.37	154.47	159.65	162.77	165.36	173.14	175.37
950	149.14	153.25	155.73	157.76	162.87	168.06	171.17	173.76	181.53	183.78
1000	157.50	161.66	164.13	166.17	171.27	176.46	179.58	182.16	189.94	192.17

CA-604-E

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με εσχάρα
ceiling diffuser with fixed air deflection - 4 way throw pattern with equalizing grid

530	550	600	650	700	750	800	850	900	950	1000
106.68										
109.80	112.93									
119.17	122.34	131.88								
125.40	128.63	138.26	144.66							
133.20	136.49	146.20	152.69	160.78						
141.00	144.33	154.15	160.70	168.89	177.07					
148.81	152.19	162.10	168.72	176.98	185.25	193.51				
156.61	160.04	170.05	176.73	185.08	193.44	201.78	210.13			
164.39	167.89	178.00	184.74	193.18	201.61	210.04	218.48	226.91		
172.19	175.74	185.94	192.78	201.28	209.80	218.32	226.84	235.34	243.87	
180.00	183.58	193.90	200.78	209.37	217.99	226.58	235.19	243.78	252.38	260.99

CA-604-E-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με εσχάρα βαμμένο
ceiling diffuser with fixed air deflection - 4 way throw pattern with equalizing grid in RAL
colour

530	550	600	650	700	750	800	850	900	950	1000
114.88										
118.24	121.63									
128.34	131.76	142.03								
135.05	138.52	148.89	155.80							
143.44	146.98	157.44	164.43	173.15						
151.84	155.43	166.01	173.06	181.89	190.69					
160.25	163.90	174.57	181.70	190.60	199.50	208.39				
168.64	172.35	183.13	190.33	199.32	208.32	217.31	226.30			
177.04	180.80	191.70	198.96	208.04	217.13	226.20	235.29	244.38		
185.45	189.26	200.26	207.59	216.77	225.93	235.11	244.29	253.45	262.62	
193.84	197.70	208.81	216.23	225.49	234.75	244.01	253.28	262.54	271.80	281.06

CA-604D-E CA-604D-E-RAL



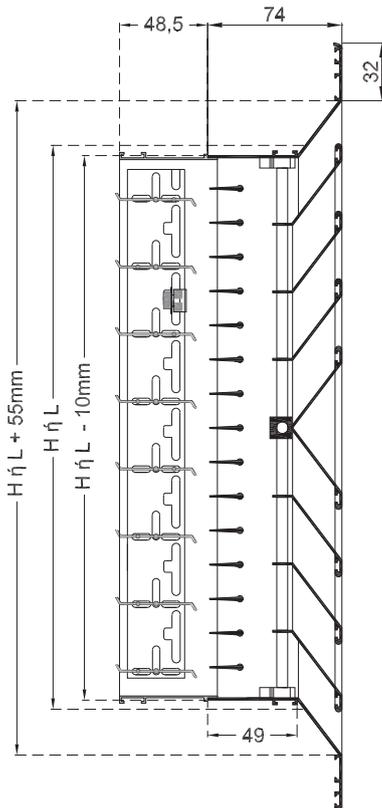
CA-604D-E

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα & εσχάρα
ceiling diffuser with fixed air deflection - 4 way throw pattern with damper and
equalizing grid

	150	200	230	250	300	350	380	400	450	500
150	46.48									
200	50.29	55.17								
230	52.58	58.09	61.40							
250	55.30	60.62	63.81	66.25						
300	62.13	66.93	69.83	72.36	78.67					
350	68.70	73.56	76.47	79.00	85.34	92.10				
380	72.66	77.52	80.45	82.98	89.33	96.15	100.24			
400	76.01	80.91	83.83	86.37	92.70	99.53	103.61	107.03		
450	86.10	91.04	94.01	96.52	102.78	109.59	113.68	117.30	128.14	
500	95.12	100.03	102.99	105.52	111.83	118.62	122.69	126.31	137.16	145.81
530	101.88	106.79	109.74	112.27	118.61	125.39	129.45	133.08	143.92	152.28
550	106.60	111.52	114.47	117.01	123.34	130.12	134.19	137.80	148.65	157.02
600	120.77	125.69	128.64	131.19	137.52	144.30	148.37	151.98	162.83	171.18
650	130.22	135.13	138.09	140.63	146.97	153.75	157.82	161.43	172.28	180.64
700	142.03	146.95	149.90	152.44	158.77	165.57	169.63	173.25	184.09	192.46
750	153.82	158.75	161.72	164.26	170.60	177.38	181.44	185.05	195.91	204.26
800	165.63	170.58	173.52	176.07	182.40	189.19	193.26	196.88	207.71	216.08
850	177.44	182.38	185.35	187.89	194.23	201.00	205.06	208.68	219.54	227.89
900	189.24	194.18	197.15	199.69	206.03	212.81	216.89	220.49	231.34	239.71
950	201.05	206.00	208.98	211.52	217.86	224.63	228.69	232.31	243.17	251.51
1000	212.86	217.81	220.78	223.32	229.66	236.43	240.50	244.12	254.97	263.33

CA-604D-E-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα και εσχάρα βαμμένο
ceiling diffuser with fixed air deflection - 4 way throw pattern with damper and equalizing grid
in RAL colour



	150	200	250	280	300	350	380	400	450	500
150	54.65									
200	58.48	63.35								
230	60.75	66.28	69.59							
250	63.48	68.80	71.99	74.44						
300	70.30	75.12	78.01	80.54	86.84					
350	76.88	81.73	84.66	87.18	93.51	100.28				
380	80.83	85.70	88.63	91.16	97.50	104.33	108.43			
400	84.18	89.09	92.02	94.54	100.88	107.70	111.79	115.21		
450	94.27	99.22	102.19	104.70	110.97	117.78	121.87	125.48	136.32	
500	103.30	108.22	111.18	113.70	120.01	126.80	130.88	134.50	145.33	153.98
530	110.07	114.97	117.91	120.45	126.79	133.56	137.63	141.24	152.10	160.47
550	114.78	119.69	122.65	125.19	131.53	138.30	142.37	145.98	156.84	165.35
600	128.95	133.87	136.83	139.37	145.71	152.48	156.54	160.31	171.71	180.24
650	138.40	143.32	146.28	148.82	155.16	162.15	166.45	170.25	181.64	190.17
700	150.19	155.13	158.08	160.71	167.42	174.57	178.85	182.67	194.05	202.58
750	162.09	167.31	170.43	173.13	179.83	186.99	191.27	195.06	206.47	214.99
800	174.49	179.72	182.85	185.55	192.25	199.39	203.69	207.48	218.89	227.41
850	186.90	192.13	195.27	197.94	204.66	211.81	216.09	219.89	231.30	239.82
900	199.29	204.54	207.68	210.36	217.07	224.21	228.51	232.31	243.72	252.23
950	211.69	216.94	220.10	222.77	229.48	236.63	240.91	244.73	256.11	264.64
1000	224.10	229.36	232.51	235.19	241.89	249.05	253.33	257.12	268.53	277.06

CA-604D-E

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα και εσχάρα
ceiling diffuser with fixed air deflection - 4 way throw pattern with damper and
equalizing grid

530	550	600	650	700	750	800	850	900	950	1000
158.55										
163.28	168.02									
177.46	182.25	196.60								
186.91	191.73	206.17	215.80							
198.73	203.60	218.13	227.82	239.94						
210.54	215.46	230.10	239.86	252.05	264.25					
222.35	227.33	242.07	251.88	264.16	276.45	288.72				
234.17	239.18	254.03	263.91	276.28	288.63	301.00	313.37			
245.98	251.05	265.98	275.95	288.39	300.83	313.28	325.72	338.17		
257.79	262.92	277.95	287.97	300.50	313.03	325.56	338.10	350.62	363.15	
269.60	274.77	289.92	300.00	312.61	325.23	337.84	350.45	363.07	375.67	388.29

CA-604D-E-RAL

στόμιο οροφής τύπου ανεμοστάτη τεσσάρων κατευθύνσεων με διάφραγμα και εσχάρα βαμμένο
ceiling diffuser with fixed air deflection - 4 way throw pattern with damper and equalizing grid
in RAL colour

530	550	600	650	700	750	800	850	900	950	1000
166.76										
171.73	176.71									
186.63	191.66	206.76								
196.56	201.62	216.81	226.92							
208.98	214.10	229.37	239.57	252.31						
221.38	226.57	241.96	252.21	265.04	277.86					
233.79	239.03	254.53	264.86	277.78	290.70	303.60				
246.21	251.50	267.10	277.51	290.51	303.51	316.53	329.53			
258.62	263.97	279.69	290.16	303.25	316.35	329.44	342.53	355.63		
271.04	276.43	292.26	302.80	315.99	329.16	342.35	355.54	368.72	381.91	
283.45	288.90	304.82	315.45	328.71	341.99	355.28	368.54	381.82	395.09	408.36

CR-700 CR-700D/D-E



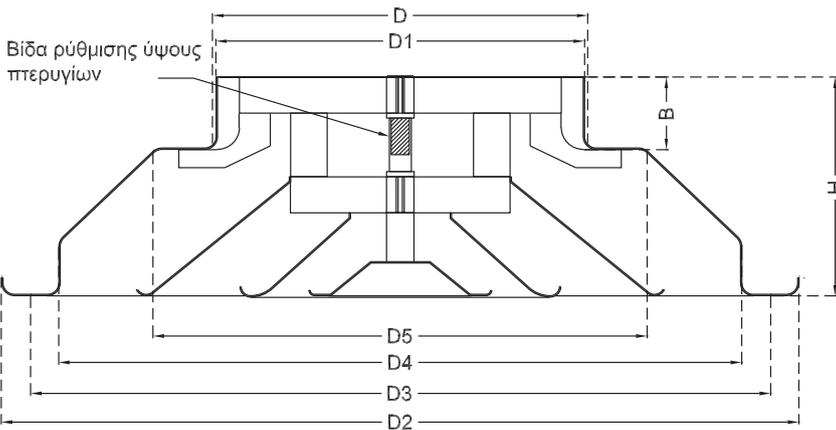
CR-700

στόμιο οροφής κυκλικό με ρυθμιζόμενο κώνο
circular ceiling diffuser with adjustable core

D	DE
διάφραγμα	διάφραγμα & εσχάρα
damper	damper & equalizing grid

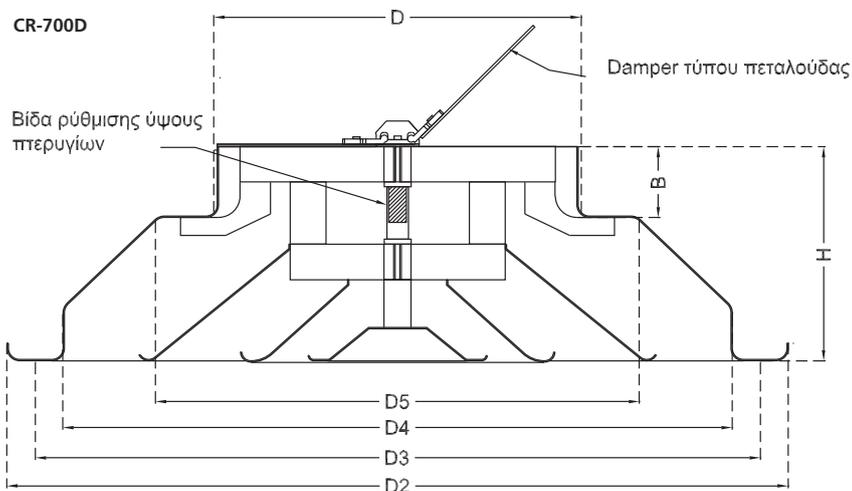
Φ150	78.98	98.97	118.29
Φ200	86.43	109.15	131.18
Φ250	96.60	121.01	146.09
Φ300	106.44	132.87	159.64

CR-700



ΟΝΟΜΑΣΤΙΚΑ ΜΕΓΕΘΗ (D)	D1	D2	D3	D4	D5	H	B	Fr
150	146	325	300	275	200	102	52	26
200	196	442	410	375	270	122	52	33
250	246	553	513	468	335	134	52	40
300	299	668	618	565	405	152	52	50

CR-700D



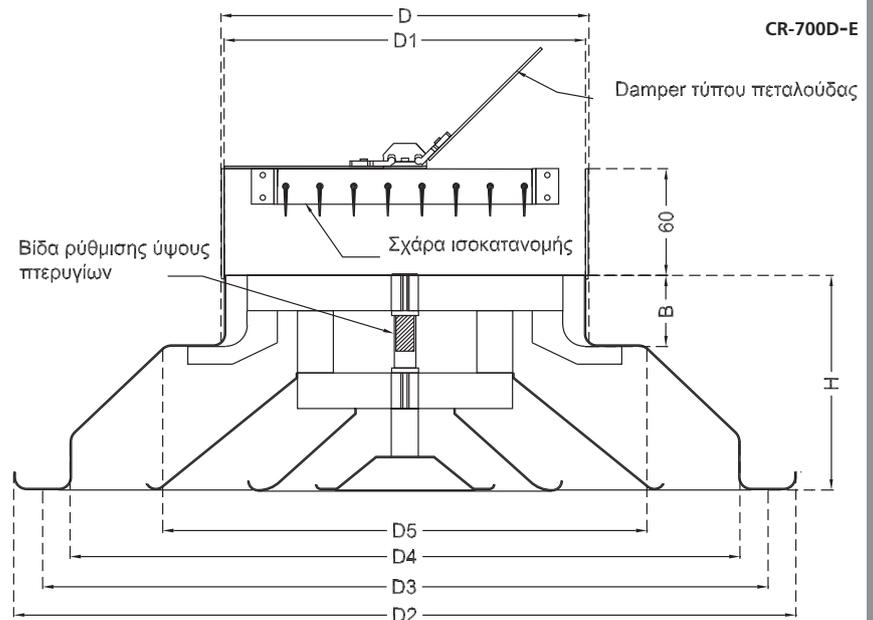
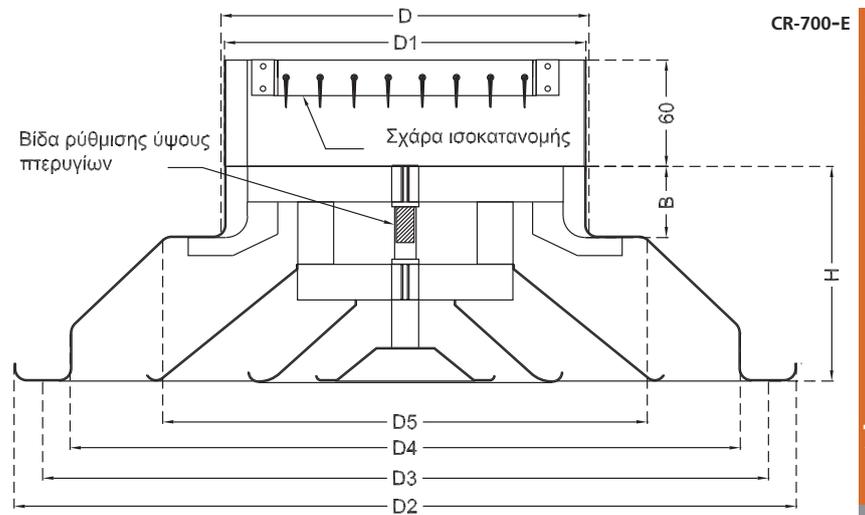
CR-700-RAL

στόμιο οροφής κυκλικό με ρυθμιζόμενο κώνο
circular ceiling diffuser with adjustable core

RAL βαμμένο in RAL colour	D-RAL διάφραγμα βαμμένο damper in RAL colour	DE-RAL διάφραγμα & εσχάρα βαμμένο equalizing grid in RAL colour
--	--	---

90.83	113.82	136.03
99.40	125.52	152.86
111.09	139.16	168.00
122.41	152.80	183.59

CR-700-RAL CR-700D/D-E-RAL



CR-750

CR-750D/B/D-B

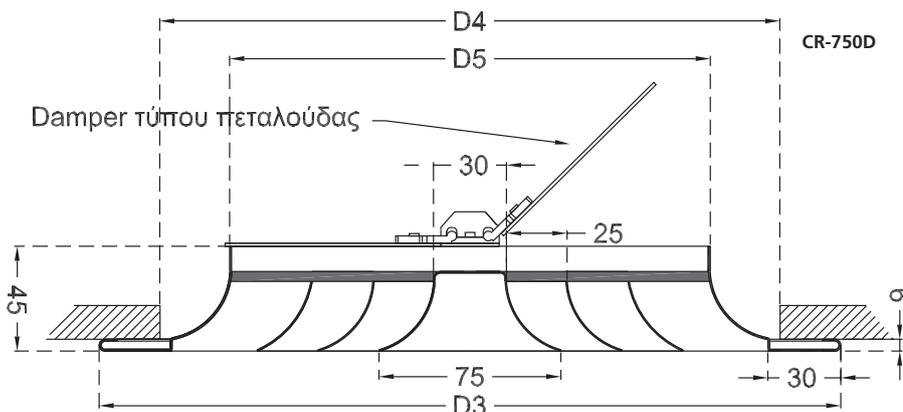
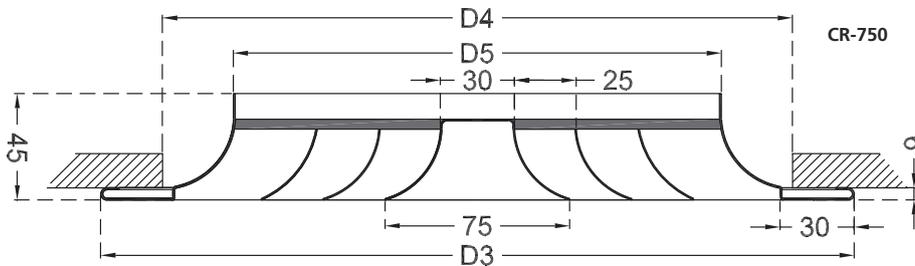


CR-750

στόμιο οροφής κυκλικό σταθερό
circular ceiling diffuser with fixed core

	D	B	D-B
	διάφραγμα	κρυφή στήριξη	διάφραγμα & κρυφή στήριξη
	damper	concealed fixing	damper & concealed fixing

Φ150	30.71	39.15	39.22	47.65
Φ200	35.88	46.06	44.40	54.56
Φ250	46.43	56.80	54.95	65.34
Φ300	57.57	68.30	66.11	76.82
Φ350	72.92	86.72	81.44	95.26
Φ400	87.49	102.85	96.03	111.32
Φ450	105.92	123.96	114.40	132.55
Φ500	124.30	146.19	135.08	154.00



ΟΝΟΜΑΣΤΙΚΟ ΜΕΓΕΘΟΣ	D3 mm	D4 mm	D5 mm
150	250	205	148
200	300	255	198
250	350	305	248
300	400	355	298
350	450	405	348
400	500	455	398
450	550	505	448
500	600	555	498

SW-TUBE

στόμιο κυκλικού αεραγωγού με ρυθμιζόμενα πτερύγια τύπου σχισμής (slot)
diffuser for circular duct with adjustable blades (slot-type)

	Φ200	Φ250	Φ300	Φ350	Φ400
1 (μίας σχισμής) (one slot)	178.00	187.00	196.00	211.00	220.00
2 (δύο σχισμών) (two slots)	184.00	193.00	202.00	216.00	225.00
3 (τριών σχισμών) (three slots)	190.00	199.00	208.00	221.50	230.00
4 (τεσσάρων σχισμών) (four slots)	195.00	205.00	214.00	226.50	235.00
5 (πέντε σχισμών) (five slots)		211.00	220.00	231.50	241.00
6 (έξι σχισμών) (six slots)		217.00	226.00	236.50	246.00
7 (επτά σχισμών) (seven slots)				241.50	253.00
8 (οκτώ σχισμών) (eight slots)				246.50	259.00

SW-TUBE

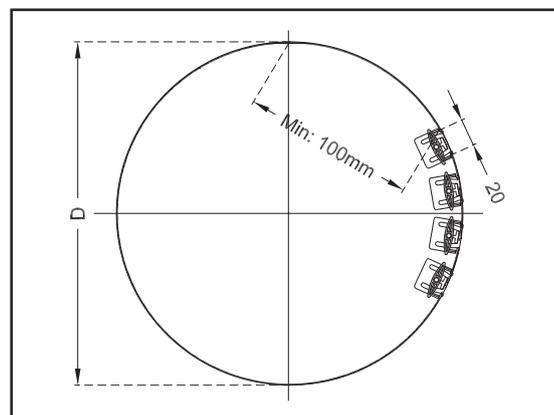


SW-TUBE

στόμιο κυκλικού αεραγωγού με ρυθμιζόμενα πτερύγια τύπου σχισμής (slot)
diffuser for circular duct with adjustable blades (slot-type)

	Φ450	Φ500	Φ550	Φ600
1 (μίας σχισμής) (one slot)				
2 (δύο σχισμών) (two slots)				
3 (τριών σχισμών) (three slots)				
4 (τεσσάρων σχισμών) (four slots)	246.00	260.50	286.00	301.00
5 (πέντε σχισμών) (five slots)	251.00	266.00	293.00	308.00
6 (έξι σχισμών) (six slots)	256.00	271.00	300.00	315.00
7 (επτά σχισμών) (seven slots)	263.00	276.00	307.00	322.00
8 (οκτώ σχισμών) (eight slots)	270.00	281.50	314.00	329.00
9 (εννέα σχισμών) (nine slots)	276.00	288.00	321.00	336.00
10 (δέκα σχισμών) (ten slots)	282.00	294.00	328.00	343.00
11 (έντεκα σχισμών) (eleven slots)		300.00	335.00	350.00
12 (δώδεκα σχισμών) (twelve slots)		306.00	342.00	357.00
13 (δεκατριών σχισμών) (thirteen slots)			349.00	364.00
14 (δεκατεσσάρων σχισμών) (fourteen slots)			356.00	371.00

ΔΙΑΤΙΘΕΤΑΙ ΣΕ INOX ΚΑΙ ΒΑΜΜΕΝΟ ΣΕ RAL. ΤΙΜΕΣ ΚΑΤΟΠΙΝ ΖΗΤΗΣΗΣ.
AVAILABLE IN INOX AND IN RAL COLOUR. PRICE UPON REQUEST.

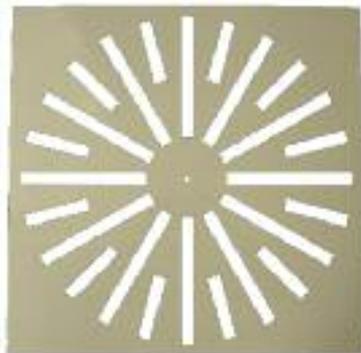


SW-1100-R/T/S SW-1100-R/T/S-P

SW-1100-R/T/R-S/T-S

στόμιο στροβιλισμού οροφής τετράγωνο
R-ακτινωτή διάταξη πτερυγίων/T-κεκλιμένη διάταξη πτερυγίων
(τύπος S με τετραγωνική διάταξη)

square swirl ceiling diffuser
R-blades in radial arrangement/T-blades in inclined arrangement
(type S with square arrangement)



SW-1100-R

	200/8S	300/8S	400/16S	500/24S	600/24S	600/48S	800/72S
200	68.26						
300		79.42					
400			86.37				
500				110.52			
600					120.89	145.30	
800							172.70



SW-1100-T

SW-1100-R/T/R-S/T-S P

στόμιο στροβιλισμού οροφής τετράγωνο σε panel 595x595
R-ακτινωτή διάταξη πτερυγίων/T-κεκλιμένη διάταξη πτερυγίων
(τύπος S με τετραγωνική διάταξη)

square swirl ceiling diffuser for 595x595 panel
R-blades in radial arrangement/T-blades in inclined arrangement
(type S with square arrangement)

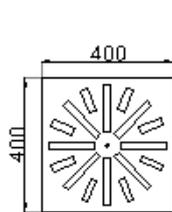
	200/8S	300/8S	400/16S	500/24S
595/595	79.42	86.37	93.28	114.78



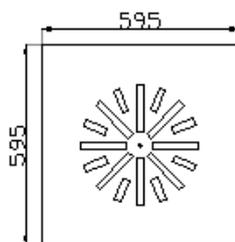
SW-1100-R-P



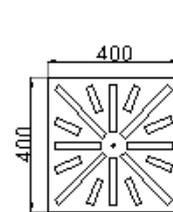
SW-1100-T-P



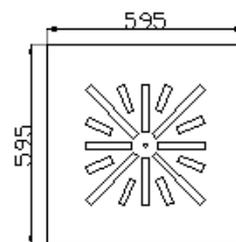
SW-1100-R-400



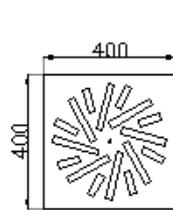
SW-1100-R-P-400



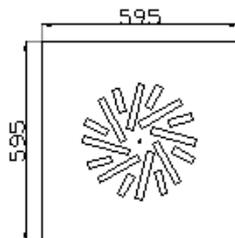
SW-1100-R-S-400



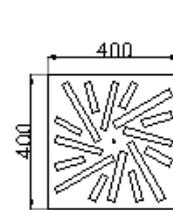
SW1100-R-S-P-400



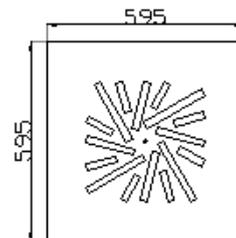
SW-1100-T-400



SW-1100-T-P-400



SW-1100-T-S-400



SW1100-T-S-P-400

SW-1150-R/T

στόμιο στροβιλισμού οροφής κυκλικό
R-ακτινωτή διάταξη πτερυγίων/T-κεκλιμένη διάταξη πτερυγίων

circular swirl ceiling diffuser

R-blades in radial arrangement/T-blades in inclined arrangement

Φ200/8S	79.42
Φ300/8S	86.37
Φ400/16S	93.28
Φ500/24S	114.78
Φ600/24S	126.50
Φ600/48S	150.91

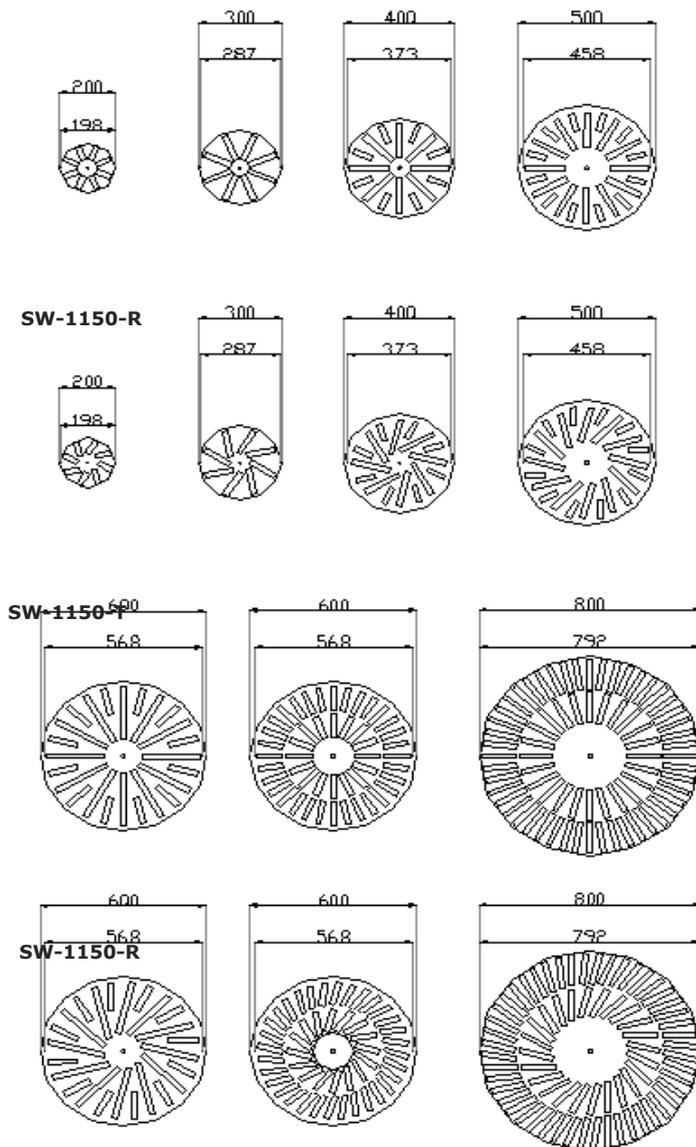
SW-1150-R-T



SW-1150-R



SW-1150-T







SW-1300/RAL/D/D-RAL

**SW-1200
SW-1200-P**

SW-1400

**JF-2000
JM-2000**

MULTIJET

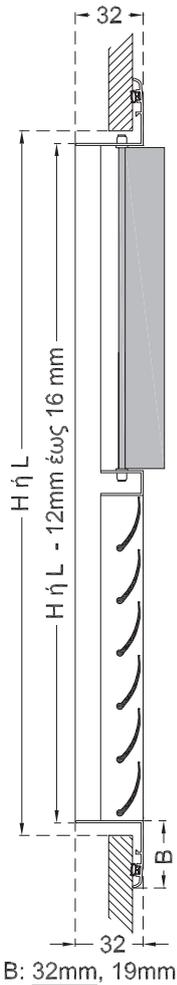
SW-1300/RAL SW-1300D/D-RAL



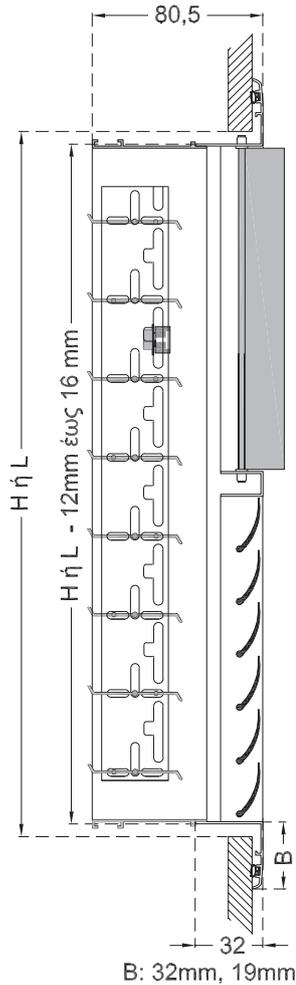
SW-1300

στόμιο στροβιλισμού οροφής τεσσάρων τμημάτων με καμπύλα πτερύγια
ceiling swirl diffuser with adjustable curved blades

		RAL βαμμένο in RAL colour	D διάφραγμα damper	D-RAL διάφραγμα βαμμένο damper in RAL colour
250x250	39.00	49.00	53.00	62.00
300x300	48.00	58.00	64.00	73.00
350x350	57.00	67.00	76.00	85.00
400x400	66.00	75.70	90.00	99.00
450x450	75.00	84.70	105.00	114.00
500x500	86.00	95.50	120.00	129.00
550x550	102.00	112.00	142.00	152.00
600x600	127.00	138.70	181.00	193.00



SW-1300



SW-1300D

SW-1200

στόμιο στροβιλισμού οροφής τεσσάρων τμημάτων με πτερύγια swirl
ceiling swirl diffuser with adjustable swirl blades

300x300	82.00
400x400	91.00
500x500	113.00
600x600	123.00

SW-1200 SW-1200-P



SW-1200

SW-1200-P

στόμιο στροβιλισμού οροφής τεσσάρων τμημάτων με πτερύγια swirl σε
panel 595x595

ceiling swirl diffuser with adjustable swirl blades for 595x595 panel

300x300	89.00
400x400	98.00
500x500	116.50



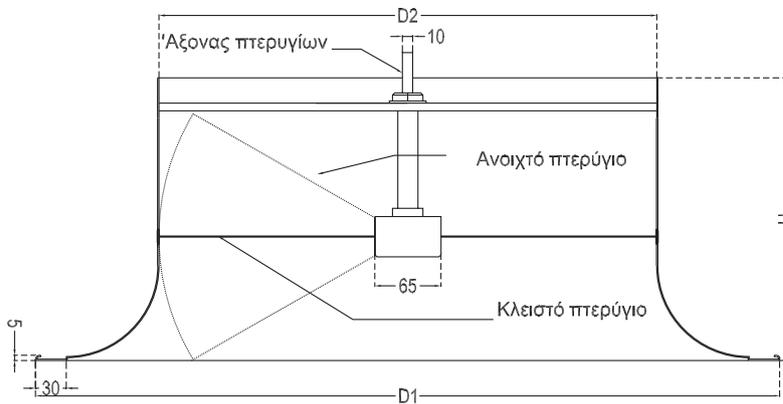
SW-1200-P

στόμιο στροβιλισμού οροφής μεγάλου ύψους
ceiling swirl diffuser with adjustable blades



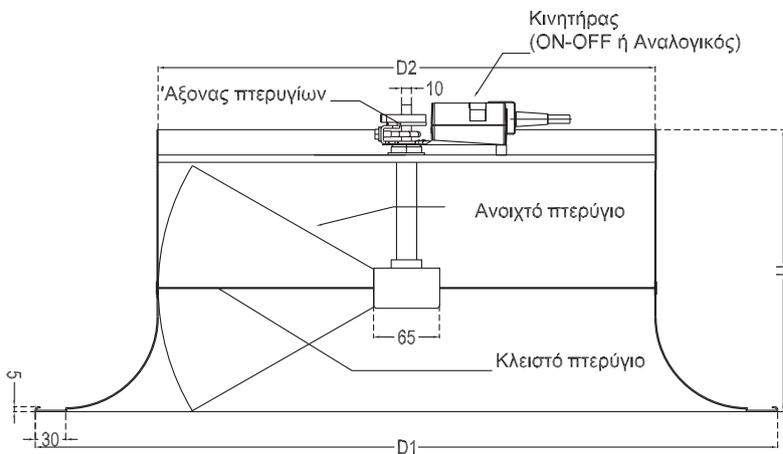
		κινητήρας on/off	κινητήρας αναλογικός	θερμοστατικός μηχανισμός
		on-off actuator	analogue actuator	thermostatic mechanism

Φ200	114.77	225.64	274.07	192.47
Φ250	122.10	232.97	281.39	199.80
Φ300	146.52	257.39	305.81	224.50
Φ350	158.73	269.60	318.02	236.50
Φ400	170.94	281.81	330.23	249.00
Φ450	200.24	311.11	359.54	277.00
Φ500	219.78	330.65	379.07	297.00
Φ600	377.50	487.50	536.79	455.20



SW-1400

ΟΝΟΜΑΣΤΙΚΟ ΜΕΓΕΘΟΣ	D1	D2	H
200	342	195	140
250	390	245	140
300	495	295	200
350	536	345	200
400	577	395	240
450	682	445	240
500	737	495	240
600	887	595	295



SW-1400 S1/S2



ΘΕΡΜΟΣΤΑΤΙΚΟΣ ΜΗΧΑΝΙΣΜΟΣ

JF-2000

στόμιο jet - σταθερό
jet diffuser - fixed nozzle

Φ100	30.00
Φ125	32.00
Φ160	35.00
Φ200	40.00
Φ250	45.00
Φ315	55.00
Φ400	70.00

JM-2000

στόμιο jet - ρυθμιζόμενο
jet diffuzer - adjustable nozzle

		κινητήρας on-off on-off actuator	κινητήρας αναλογικός analogue actuator
Φ100	63.00	196.00	243.00
Φ125	66.00	199.00	246.00
Φ160	77.00	210.00	257.00
Φ200	99.00	232.00	232.00
Φ250	113.00	246.00	293.00
Φ315	186.00	319.00	366.00
Φ400	204.00	337.00	384.00

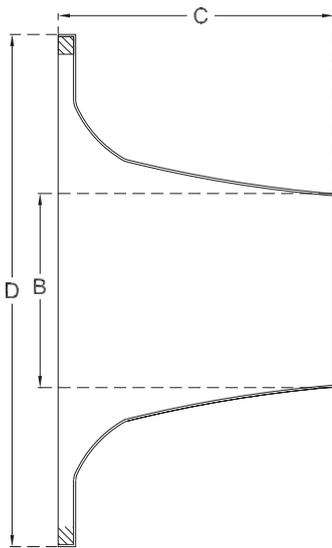
JF-2000 JM-2000



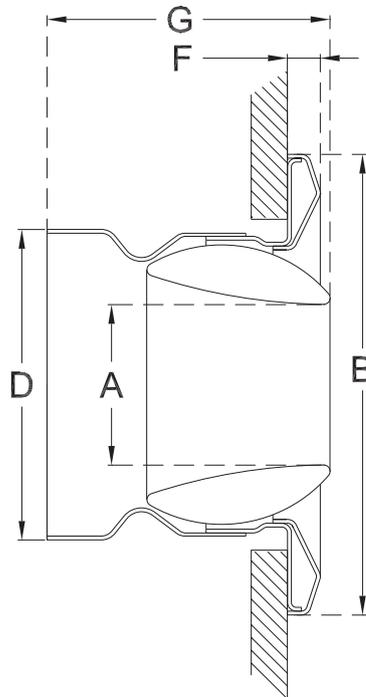
JF-2000



JM-2000



JF-2000



JM-2000

ΟΝΟΜΑΣΤΙΚΟ ΜΕΓΕΘΟΣ	B	C	D
100	50	94	136
125	64	112	159
160	82	122	225
200	105	153	256
250	136	187	315
315	174	224	400
400	230	287	485

ΟΝΟΜΑΣΤΙΚΟ ΜΕΓΕΘΟΣ	A	B	D	F	G
100	46	140	98	10	78
125	64	173	123	12	99
160	78	199	158	15	110
200	108	268	198	17	150
250	131	319	248	17	170
315	172	376	313	17	204
400	230	453	398	17	210

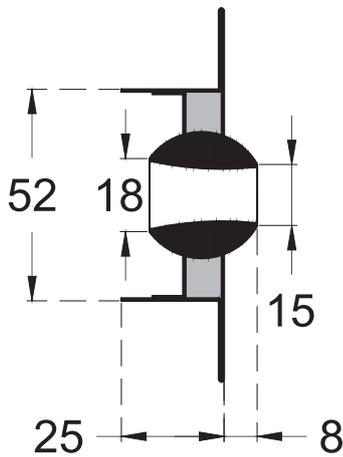
MULTIJET



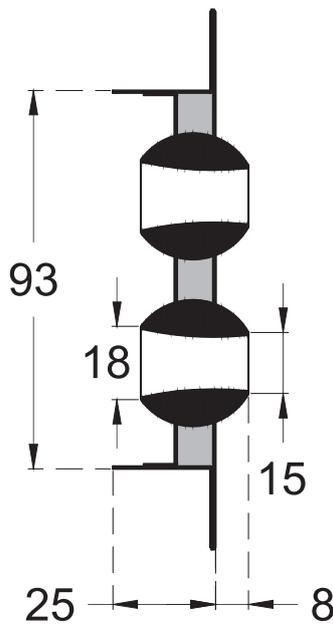
MULTIJET

στόμιο με σειριακή κατανομή ακροφύσιων
multijet nozzles

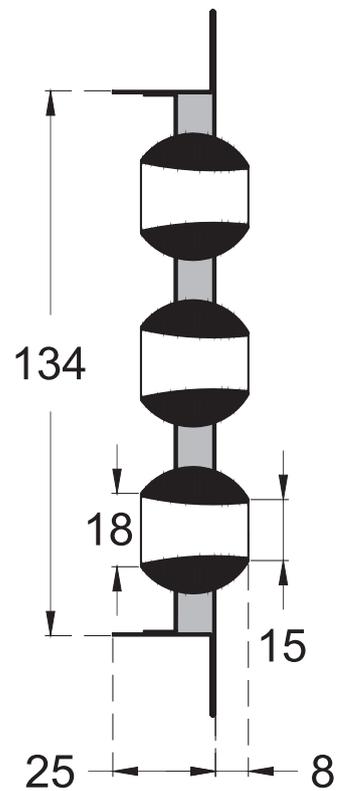
1000x25 (μία σειρά) (one row)	70.00
1000x50 (δύο σειρές) (two rows)	110.00
1000x75 (τρεις σειρές) (three rows)	170.00



MULTIJET 1



MULTIJET 2

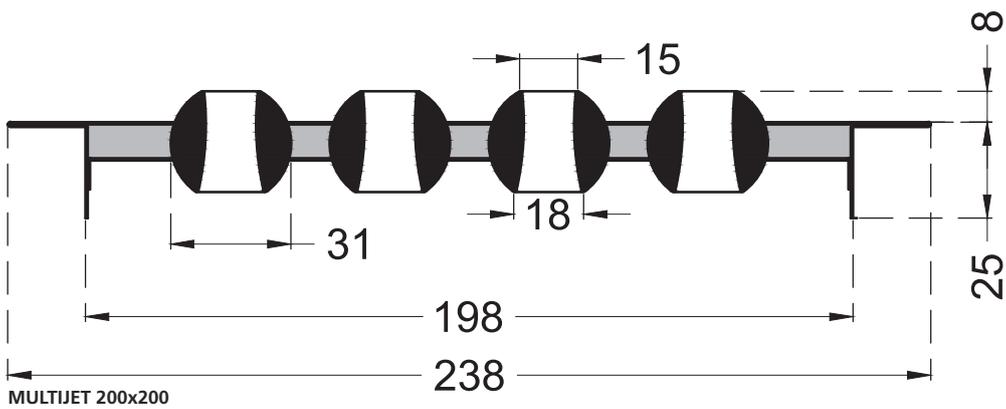
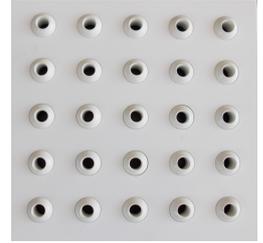


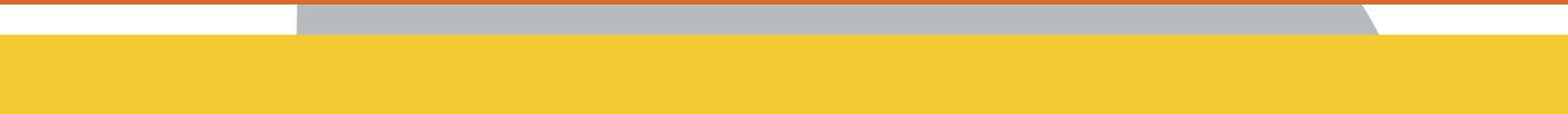
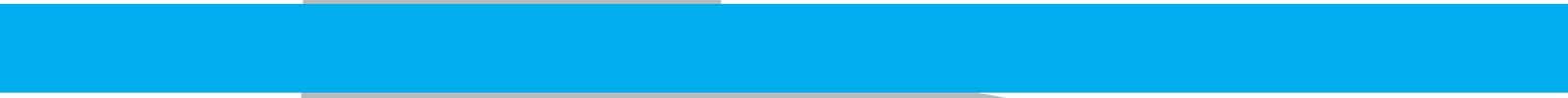
MULTIJET 3

MULTIJET

MULTIJET

200x200/16	45.00
300x300/25	80.00
400x400/36	110.00
500x500/64	178.00
595x595/64	178.00
595x595/81	225.00
595x595/100	268.00







**RD-302
RD-302-RAL**

**FA-400
FA-400-RAL
FA-400D
FA-400D-RAL
FA-400-A
FA-400-A-RAL
FA-400-F
FA-400-F-RAL
FA-400-A-F
FA-400-A-F-RAL**

**FA-450
FA-450-RAL**

**FA-400-C
FA-400-C-RAL**

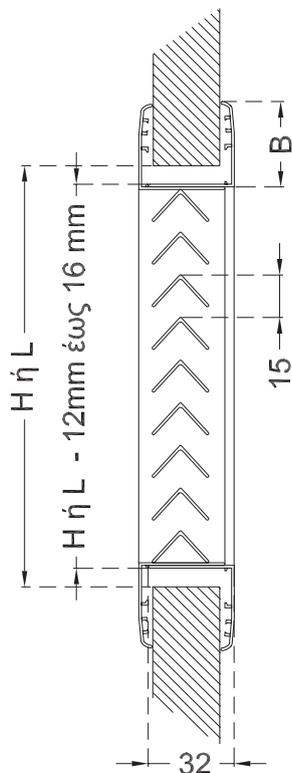
**FA-450-C
FA-450-C-RAL**

**VR-2100
VR-2150**

**NR-900
NR-900-RAL**

**SC-1500
SC-1550**

RD-302 RD-302-RAL



B: 32mm, 19mm

RD-302

στόμιο θυρών με διπλό πλαίσιο
door air grille with double frame

	100	125	150	200	250	300	350	400	450	500
200	29.37	29.37	29.37	29.17						
250	29.37	29.37	29.37	32.61	33.39					
300	29.37	29.37	32.23	36.08	37.98	41.44				
350	29.37	32.04	34.93	39.92	42.60	46.83	47.96			
400	29.17	34.54	37.98	43.36	47.20	52.20	54.88	60.25		
450	34.15	36.84	41.06	47.20	51.81	57.57	61.41	67.53	78.29	
500	36.84	40.29	43.76	51.44	56.80	62.93	68.30	74.83	84.43	88.66
550	39.52	42.99	46.43	54.31	61.02	68.50	74.83	82.13	90.95	95.94
600	42.22	46.06	50.08	57.95	65.62	73.69	81.74	89.79	97.47	105.92
650	43.75	48.07	52.20	60.63	70.81	77.97	86.67	98.04	104.58	113.60
700	45.29	50.08	54.31	63.32	75.99	82.26	91.59	106.32	111.68	121.28
750	47.01	51.81	56.62	65.62	79.65	86.55	96.50	106.49	118.40	129.14
800	48.53	53.73	58.72	68.50	82.13	90.82	101.44	112.26	125.48	137.01
850	50.17	55.74	60.83	71.18	84.14	95.11	106.36	117.72	132.40	144.77
900	51.81	57.75	62.93	73.88	86.15	99.41	111.30	123.18	139.30	152.54
950	53.43	59.68	65.14	76.56	89.61	103.63	116.19	128.85	146.31	160.21
1000	55.07	61.59	67.35	79.24	93.06	107.86	121.08	134.52	153.31	167.90
1050	56.62	63.51	69.47	81.74	96.33	112.05	125.88	139.89	160.21	175.78
1100	58.15	65.43	71.57	84.61	99.58	116.47	130.86	145.44	167.14	183.45
1150	59.68	67.35	73.69	87.32	103.05	120.70	135.65	150.82	174.04	191.30
1200	61.41	69.07	75.99	90.00	106.49	124.73	140.46	156.59	180.74	198.79
1250	63.01	71.01	78.17	92.65	109.86	129.05	145.42	162.21	187.75	206.54
1300	64.60	72.92	80.34	95.32	113.22	133.35	150.37	167.84	194.77	214.27
1350	66.20	74.83	82.51	97.97	116.58	137.68	155.32	173.47	201.76	222.01
1400	67.80	76.75	84.69	100.61	119.94	141.99	160.28	179.08	208.77	229.76
1450	69.40	78.67	86.87	103.27	123.30	146.31	165.24	184.71	215.78	237.50
1500	71.01	80.59	89.03	105.92	126.65	150.62	170.19	190.34	222.78	245.22

RD-302-RAL

στόμιο θυρών με διπλό πλαίσιο βαμμένο
door air grille with double frame in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	37.53	37.53	37.53	37.35						
250	37.53	37.53	37.53	40.80	41.56					
300	37.53	37.53	40.41	44.26	46.17	49.62				
350	37.53	40.22	43.10	48.09	50.78	55.01	56.14			
400	37.35	42.72	46.17	51.53	55.38	60.37	63.06	68.42		
450	42.33	45.02	49.25	55.38	59.98	65.74	69.59	75.71	86.47	
500	45.02	48.48	51.94	59.62	64.97	71.12	76.48	83.02	92.87	97.53
550	47.71	51.17	54.62	62.49	69.19	76.68	83.02	90.34	100.04	105.54
600	50.40	54.24	58.27	66.13	73.80	81.87	89.91	98.78	107.22	116.52
650	51.93	56.25	60.38	68.82	78.99	86.15	95.34	107.86	115.03	124.96
700	53.47	58.27	62.49	71.50	84.16	90.48	100.75	116.93	122.85	133.40
750	55.19	59.98	64.80	73.80	87.82	95.19	106.16	117.15	130.23	142.05
800	56.72	61.91	66.90	76.68	90.34	99.90	111.57	123.48	138.04	150.71
850	58.35	63.92	69.01	79.37	92.55	104.61	117.00	129.49	145.64	159.26
900	59.98	65.93	71.12	82.05	94.78	109.34	122.43	135.50	153.24	167.79
950	61.61	67.85	73.33	84.73	98.57	113.98	127.80	141.74	160.94	176.24
1000	63.25	69.77	75.53	87.43	102.37	118.63	133.19	147.96	168.63	184.69
1050	64.80	71.70	77.64	89.91	105.96	123.26	138.48	153.87	176.24	193.35
1100	66.33	73.61	79.74	93.08	109.55	128.12	143.95	159.98	183.85	201.79
1150	67.85	75.53	81.87	96.04	113.36	132.77	149.21	165.90	191.44	210.44
1200	69.59	77.25	84.16	99.00	117.15	137.20	154.51	172.24	198.81	218.67
1250	71.18	79.17	86.34	101.92	120.85	141.96	159.96	178.42	206.52	227.19
1300	72.79	81.10	88.53	104.83	124.54	146.71	165.41	184.61	214.24	235.70
1350	74.38	83.02	90.77	107.76	128.23	151.45	170.85	190.81	221.94	244.21
1400	75.99	84.93	93.16	110.67	131.93	156.19	176.31	197.00	229.65	252.73
1450	77.58	86.84	95.56	113.60	135.63	160.94	181.75	203.19	237.35	261.25
1500	79.18	88.77	97.93	116.52	139.32	165.69	187.22	209.37	245.06	269.75

FA-400

στόμιο νωπού αέρα με σήτα
weather air grille with mesh

	100	125	150	200	250	300	350	400	450	500
200	21.10	21.10	21.10	21.10						
250	21.10	21.10	21.10	23.22	25.90					
300	21.10	22.07	23.61	25.90	28.78	32.44				
350	23.02	24.56	25.90	28.40	31.46	35.70	37.62			
400	25.12	26.68	28.20	30.88	34.36	38.96	42.78	46.83		
450	27.43	28.97	30.51	33.39	36.84	42.40	47.60	52.38	61.02	
500	29.55	31.09	32.81	36.08	39.72	45.48	53.15	57.95	65.24	69.27
550	31.94	33.39	35.11	38.55	42.60	48.94	58.15	63.51	69.47	75.99
600	34.15	35.70	37.62	41.26	45.29	52.20	63.32	69.07	73.69	82.70
650	35.31	36.84	39.15	43.27	46.62	55.56	66.78	73.12	78.29	88.07
700	36.45	37.98	40.69	45.29	47.96	58.92	70.23	77.14	82.90	93.44
750	38.39	39.15	42.40	47.39	50.84	61.98	73.88	81.17	87.49	98.64
800	38.75	40.49	43.93	49.51	53.35	65.43	79.22	85.01	87.32	104.01
850	40.01	41.55	45.38	51.62	56.03	68.79	81.73	89.03	94.22	109.37
900	41.26	42.60	46.83	53.73	58.72	72.14	84.25	93.06	101.12	114.76
950	42.50	43.76	48.54	55.74	61.50	75.41	87.59	97.10	105.72	120.42
1000	43.76	44.91	50.27	57.75	64.28	78.67	90.95	101.12	110.33	126.07
1050	44.91	46.24	51.44	60.06	66.76	81.94	94.80	105.15	114.93	130.86
1100	46.06	47.39	53.35	61.98	69.47	85.39	98.24	109.19	119.55	136.22
1150	47.39	48.74	55.07	63.90	72.14	88.45	101.71	113.02	123.96	141.61
1200	48.37	49.88	56.62	66.01	74.83	91.72	105.15	117.06	128.56	146.98
1250	49.61	51.07	58.18	68.09	77.97	95.04	108.65	121.01	133.18	152.29
1300	50.85	52.25	59.74	70.17	81.10	98.37	112.12	124.98	137.78	157.61
1350	52.10	53.43	61.31	72.25	84.24	101.69	115.60	128.94	142.38	162.92
1400	53.35	54.62	62.89	74.33	87.37	105.03	119.10	132.90	146.98	168.23
1450	54.59	55.80	64.45	76.39	90.50	108.35	122.57	136.87	151.59	173.54
1500	55.84	56.98	66.01	78.47	93.64	111.68	126.07	140.83	156.19	178.84

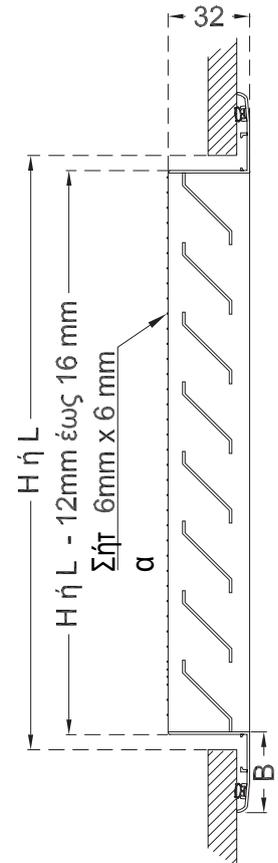
FA-400 FA-400-RAL



FA-400-RAL

στόμιο νωπού αέρα με σήτα βαμμένο
weather air grille with mesh in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	29.28	29.28	29.28	29.28						
250	29.28	29.28	29.28	31.39	34.09					
300	29.28	30.24	31.78	34.09	36.96	40.61				
350	31.21	32.75	34.09	36.59	39.64	43.87	45.80			
400	33.31	34.86	36.39	39.06	42.54	47.15	50.96	55.01		
450	35.62	37.16	38.70	41.56	45.02	50.59	55.77	60.57	69.19	
500	37.73	39.27	40.99	44.26	47.90	53.66	61.34	66.13	73.41	77.45
550	40.11	41.56	43.30	46.74	50.78	57.12	66.33	71.70	77.64	84.16
600	42.33	43.87	45.80	49.43	53.47	60.37	71.50	77.25	81.87	90.97
650	43.49	45.02	47.32	51.46	54.80	63.73	74.95	81.29	86.47	96.88
700	44.64	46.17	48.86	53.47	56.14	67.09	78.41	85.33	91.18	102.79
750	46.57	47.32	50.59	55.57	59.03	70.17	82.05	89.34	96.25	108.48
800	46.94	48.66	52.11	57.70	61.52	73.61	87.39	93.50	96.04	114.40
850	48.18	49.72	53.55	59.81	64.21	76.97	89.90	97.93	103.64	120.32
900	49.43	50.78	55.01	61.91	66.90	80.32	92.68	102.37	111.24	126.22
950	50.69	51.94	56.73	63.92	69.68	83.58	96.36	106.80	116.30	132.45
1000	51.94	53.09	58.45	65.93	72.47	86.84	100.04	111.24	121.36	138.67
1050	53.09	54.42	59.62	68.24	74.94	90.13	104.27	115.67	126.43	143.95
1100	54.24	55.57	61.52	70.17	77.64	93.93	108.08	120.10	131.51	149.85
1150	55.57	56.92	63.25	72.07	80.32	97.28	111.88	124.32	136.36	155.77
1200	56.54	58.06	64.80	74.18	83.02	100.89	115.67	128.76	141.42	161.69
1250	57.79	59.25	66.36	76.26	86.14	104.56	119.50	133.11	146.49	167.52
1300	59.04	60.42	67.93	78.35	89.28	108.21	123.33	137.47	151.55	173.37
1350	60.28	61.61	69.50	80.43	92.66	111.87	127.17	141.83	156.62	179.20
1400	61.52	62.80	71.06	82.50	96.11	115.53	131.00	146.20	161.69	185.05
1450	62.78	63.98	72.62	84.58	99.56	119.18	134.84	150.56	166.75	190.89
1500	64.02	65.16	74.18	86.66	103.00	122.85	138.67	154.92	171.81	196.72



B: 32mm, 19mm

FA-400D FA-400D-RAL



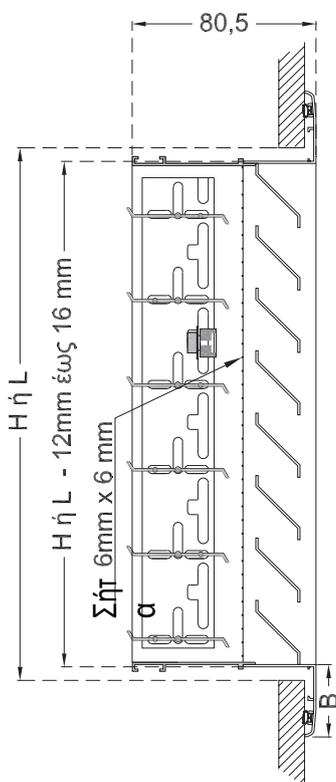
FA-400D

στόμιο νωπού αέρα με σήτα και διάφραγμα
weather air grille with mesh and damper

	100	125	150	200	250	300	350	400	450	500
200	32.10	32.10	32.10	32.10						
250	32.10	32.10	32.10	35.31	38.96					
300	32.10	33.00	35.71	39.16	42.98	47.77				
350	33.79	36.65	39.16	42.86	46.82	52.97	56.62			
400	37.06	39.93	42.65	46.43	49.78	58.16	63.76	70.44		
450	40.51	43.37	46.11	50.27	53.59	63.53	70.44	78.36	90.18	
500	43.78	46.64	49.58	53.92	58.53	68.52	78.28	86.22	96.66	102.85
550	47.32	50.08	52.91	57.63	62.75	73.89	84.82	94.03	103.25	112.08
600	50.70	53.55	56.68	61.60	66.51	79.00	91.91	101.96	109.97	122.41
650	52.40	55.18	58.41	64.27	69.48	82.54	96.52	106.91	116.18	130.31
700	54.12	56.80	60.15	66.95	72.46	86.10	101.12	111.88	122.39	138.19
750	56.42	58.51	62.80	70.60	77.33	91.16	108.42	120.13	131.26	148.52
800	57.95	60.74	65.54	74.84	83.27	99.41	120.85	128.74	134.32	154.66
850	59.69	62.71	67.91	78.11	87.79	104.86	124.72	136.05	144.88	165.61
900	61.41	64.67	70.28	81.36	92.31	110.33	128.57	143.34	155.43	176.54
950	63.32	67.35	73.51	85.78	97.20	115.99	134.82	150.34	164.35	189.11
1000	65.24	70.04	76.74	90.18	102.08	121.65	141.04	157.36	173.27	201.67
1050	67.57	72.59	81.55	94.03	106.11	126.08	147.19	163.86	181.51	203.21
1100	69.28	74.26	85.26	97.67	109.45	131.26	152.93	169.43	186.59	209.73
1150	71.75	76.94	87.69	100.16	114.18	135.09	157.72	175.97	194.18	219.90
1200	73.33	79.23	90.39	104.58	118.37	142.97	164.05	182.67	203.21	228.91
1250	75.69	82.12	94.23	108.10	123.87	149.07	171.50	191.05	212.45	239.36
1300	78.04	85.00	98.05	111.62	129.38	155.19	178.96	199.43	221.69	249.83
1350	80.41	87.88	101.89	115.12	134.88	161.30	186.42	207.80	230.94	260.29
1400	82.78	90.76	105.74	118.63	140.39	167.41	193.88	216.19	240.19	270.74
1450	85.14	93.64	109.57	122.14	145.89	173.52	201.33	224.56	249.42	281.20
1500	87.49	96.52	113.41	125.66	151.39	179.64	208.78	232.96	258.66	291.68

FA-400D-RAL

στόμιο νωπού αέρα με σήτα και διάφραγμα βαμμένο
weather air grille with mesh and damper in RAL colour



B: 32mm, 19mm

	100	125	150	200	250	300	350	400	450	500
200	40.28	40.28	40.28	40.28						
250	40.28	40.28	40.28	43.49	47.15					
300	40.28	41.18	43.88	47.33	51.16	55.96				
350	41.98	44.84	47.33	51.04	54.98	61.14	64.80			
400	45.22	48.10	50.83	54.62	57.96	66.34	71.94	78.62		
450	48.70	51.55	54.30	58.45	61.77	71.71	78.62	86.55	98.36	
500	51.96	54.82	57.75	62.10	66.72	76.70	86.46	94.39	104.83	111.02
550	55.50	58.27	61.08	65.81	70.94	82.06	93.01	102.21	111.43	120.25
600	58.87	61.73	64.86	69.78	74.69	87.18	100.09	110.13	118.14	130.68
650	60.59	63.36	66.59	72.46	77.66	90.72	104.70	115.09	124.34	139.11
700	62.29	64.97	68.31	75.13	80.62	94.27	109.31	120.07	130.67	147.53
750	64.60	66.69	70.97	78.78	85.49	99.33	116.59	128.30	140.01	158.39
800	66.13	68.93	73.72	83.03	91.45	107.58	129.02	137.24	143.06	165.07
850	67.86	70.88	76.10	86.28	95.98	113.04	132.88	144.95	154.30	176.54
900	69.59	72.84	78.46	89.54	100.48	118.51	136.99	152.65	165.54	188.01
950	71.50	75.53	81.70	93.94	105.37	124.18	143.56	160.06	174.92	201.15
1000	73.41	78.22	84.92	98.36	110.25	129.83	150.14	167.46	184.29	214.27
1050	75.73	80.77	89.73	102.21	114.29	134.28	156.66	174.37	193.01	216.29
1100	77.46	82.44	93.43	105.85	117.63	139.79	162.76	180.36	198.55	223.36
1150	79.94	85.13	95.88	108.34	122.35	143.94	167.89	187.28	206.59	234.06
1200	81.50	87.41	98.56	112.76	126.56	152.14	174.57	194.37	216.05	243.62
1250	83.85	90.29	102.41	116.28	132.06	158.59	182.37	203.15	225.76	254.61
1300	86.23	93.17	106.24	119.79	137.56	165.03	190.17	211.93	235.47	265.59
1350	88.59	96.05	110.08	123.30	143.31	171.47	197.98	220.69	245.18	276.58
1400	90.95	98.93	113.92	126.81	149.12	177.91	205.78	229.47	254.87	287.57
1450	93.32	101.82	117.76	130.33	154.95	184.36	213.59	238.25	264.58	298.56
1500	95.68	104.70	121.58	133.85	160.75	190.81	221.40	247.04	274.29	309.55

FA-400-A

στόμιο νωπού αέρα με σήτα ανοιγόμενο
weather air grille with mesh - accessible

	100	125	150	200	250	300	350	400	450	500
200	28.94	28.94	28.94	28.94						
250	28.94	28.94	28.94	31.85	35.53					
300	28.94	30.26	32.37	35.53	39.48	44.48				
350	31.57	33.68	35.53	38.95	43.15	48.95	51.59			
400	34.45	36.59	38.68	42.36	47.11	53.43	58.67	64.20		
450	37.63	39.73	41.84	45.79	50.52	58.17	65.26	71.84	83.68	
500	40.52	42.64	44.99	49.48	54.48	62.39	72.90	79.48	89.47	95.01
550	43.80	45.79	48.16	52.90	58.43	67.11	79.73	87.11	95.26	104.20
600	46.84	48.95	51.59	56.58	62.10	71.58	86.83	94.73	101.08	113.41
650	48.42	50.52	53.69	59.35	63.93	76.18	91.59	100.27	107.37	120.78
700	50.02	52.10	55.80	62.10	65.78	80.79	96.33	105.79	113.68	128.16
750	52.65	53.69	58.17	64.98	69.73	85.01	101.31	111.31	120.00	135.27
800	53.16	55.53	60.25	67.90	73.16	89.75	108.65	116.57	119.73	142.63
850	54.87	56.98	62.23	70.80	76.83	94.34	112.09	122.10	129.22	150.00
900	56.58	58.43	64.20	73.69	80.52	98.92	115.53	127.63	138.69	157.38
950	58.30	60.02	66.57	76.45	84.35	103.41	120.13	133.17	145.00	165.14
1000	60.02	61.60	68.94	79.21	88.15	107.89	124.74	138.69	151.31	172.90
1050	61.60	63.42	70.53	82.37	91.58	112.37	130.01	144.20	157.63	179.46
1100	63.15	64.98	73.16	85.01	95.26	117.12	134.74	149.73	163.96	186.82
1150	64.98	66.84	79.92	87.63	98.92	121.31	139.49	155.00	170.02	194.22
1200	66.31	68.41	77.64	90.54	102.63	125.78	144.20	160.52	176.33	201.59
1250	68.02	70.04	79.79	93.38	106.92	130.35	148.98	165.96	182.63	208.87
1300	69.73	71.67	81.94	96.23	111.22	134.90	153.77	171.40	188.95	216.14
1350	71.44	73.28	84.09	99.08	115.52	139.48	158.54	176.84	195.26	223.43
1400	73.15	74.91	86.24	101.93	119.83	144.03	163.33	182.27	201.59	230.70
1450	74.86	76.53	88.38	104.78	124.12	148.60	168.10	187.70	207.90	238.00
1500	76.57	78.16	90.54	107.62	128.43	153.16	172.90	193.14	214.21	245.28

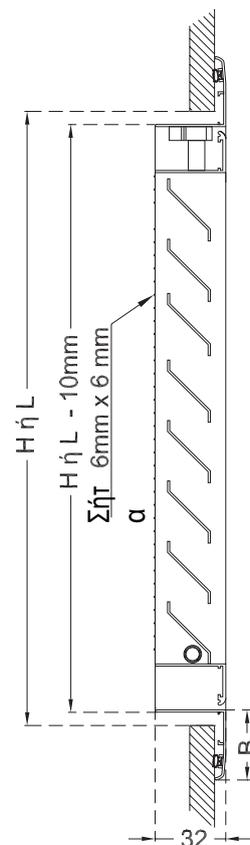
FA-400-A FA-400-A-RAL



FA-400-A-RAL

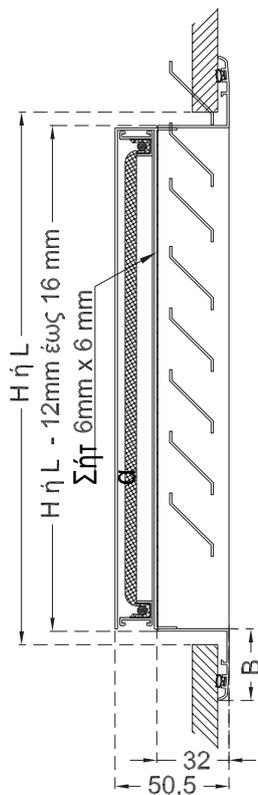
στόμιο νωπού αέρα με σήτα ανοιγόμενο βαμμένο
weather air grille with mesh - accessible in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	38.29	38.29	38.29	38.29						
250	38.29	38.29	38.29	41.18	44.88					
300	38.29	39.61	41.71	44.88	48.82	53.83				
350	40.93	43.03	44.88	48.29	52.50	58.30	60.94			
400	43.81	45.94	48.04	51.71	56.47	62.79	68.01	73.56		
450	46.97	49.08	51.19	55.14	59.86	67.52	74.60	81.18	93.03	
500	49.87	51.99	54.35	58.83	63.82	71.73	82.25	88.81	98.82	104.35
550	53.14	55.14	57.51	62.25	67.78	76.46	89.09	96.46	104.61	113.55
600	56.19	58.30	60.94	65.93	71.44	80.93	96.19	104.09	110.42	122.86
650	57.78	59.87	63.04	68.70	73.28	85.54	100.93	109.60	116.73	130.86
700	59.36	61.46	65.14	71.44	75.12	90.13	105.67	115.14	123.17	138.84
750	61.98	63.03	67.52	74.34	79.07	94.36	110.65	120.66	130.00	146.54
800	62.50	64.89	69.60	77.24	82.50	99.10	118.00	126.29	129.72	154.51
850	64.23	66.33	71.58	80.13	86.18	103.69	121.43	132.29	139.99	162.50
900	65.93	67.78	73.56	83.03	89.88	108.27	125.17	138.27	150.26	170.49
950	67.64	69.37	75.92	85.80	93.69	112.76	130.14	144.26	157.08	178.90
1000	69.37	70.94	78.29	88.56	97.50	117.23	135.12	150.26	163.92	187.30
1050	70.94	72.75	79.88	91.72	100.93	121.74	140.84	156.22	170.75	194.40
1100	72.50	74.34	82.50	94.36	104.61	126.87	145.97	162.21	177.62	202.39
1150	74.34	76.19	89.25	96.99	108.27	131.42	151.11	167.93	184.17	210.41
1200	75.67	77.75	86.99	99.88	111.97	136.27	156.22	173.91	191.01	218.37
1250	77.37	79.38	89.13	102.74	116.28	141.21	161.40	179.79	197.85	226.28
1300	79.08	81.00	91.28	105.58	120.57	146.16	166.58	185.68	204.70	234.17
1350	80.79	82.62	93.43	108.43	125.16	151.10	171.75	191.58	211.54	242.06
1400	82.50	84.25	95.58	111.27	129.80	156.04	176.95	197.46	218.37	249.94
1450	84.22	85.88	97.72	114.11	134.46	160.97	182.13	203.35	225.23	257.83
1500	85.92	87.49	99.88	116.97	139.12	165.92	187.30	209.24	232.07	265.72



B: 32mm, 19mm

FA-400-F FA-400-F-RAL



B: 32mm, 19mm

FA-400-F

στόμιο νωπού αέρα με σήτα και φίλτρο
weather air grille with mesh and filter

	100	125	150	200	250	300	350	400	450	500
200	26.15	26.15	26.15	26.15						
250	26.15	26.15	26.15	29.94	34.31					
300	26.15	27.10	29.65	33.97	38.85	44.53				
350	27.73	30.44	32.97	37.81	43.21	49.80	54.07			
400	30.50	33.40	36.27	41.63	47.80	55.08	61.59	68.31		
450	33.48	36.53	39.59	45.47	51.94	60.54	68.74	76.56	88.22	
500	36.27	39.49	42.88	49.51	56.51	65.64	76.66	84.81	95.47	102.85
550	39.33	42.62	46.20	53.33	61.07	71.10	84.00	93.06	102.71	112.93
600	42.21	45.76	49.71	57.38	65.43	76.37	91.53	101.32	109.97	122.99
650	44.04	47.75	52.25	60.73	68.45	81.74	97.34	108.03	117.58	131.73
700	45.86	49.74	54.79	64.09	71.47	87.12	103.14	114.75	125.21	140.46
750	48.47	51.73	57.52	67.53	76.03	92.21	109.13	121.46	132.84	148.99
800	49.50	53.92	60.05	71.01	80.21	97.67	116.82	127.98	135.66	157.73
850	51.42	55.81	62.50	74.46	84.58	103.04	121.69	134.71	145.60	166.46
900	53.35	57.72	64.95	77.91	88.93	108.42	126.56	141.42	155.53	175.20
950	55.26	59.71	67.68	81.27	93.41	113.68	132.26	148.14	163.15	184.22
1000	57.19	61.70	70.41	84.61	97.87	118.97	137.96	154.86	170.79	193.23
1050	59.02	63.87	72.59	88.26	102.02	124.24	144.17	161.57	178.40	201.38
1100	60.83	65.85	75.50	91.54	106.40	129.72	149.95	168.28	186.04	210.11
1150	62.83	68.05	78.23	94.79	110.76	134.78	155.76	174.81	193.47	218.86
1200	64.48	70.04	80.79	98.25	115.13	140.07	161.57	181.52	201.10	227.58
1250	66.40	72.05	83.37	101.67	119.94	145.41	167.40	188.18	208.73	236.25
1300	68.31	74.07	85.94	105.09	124.76	150.76	173.24	194.82	216.35	244.91
1350	70.23	76.11	88.51	108.52	129.57	156.09	179.07	201.48	223.98	253.57
1400	72.15	78.12	91.09	111.93	134.39	161.44	184.91	208.12	231.59	262.25
1450	74.06	80.15	93.67	115.35	139.19	166.77	190.74	214.78	239.23	270.92
1500	75.99	82.17	96.24	118.77	144.01	172.13	196.58	221.43	246.86	279.59

FA-400-F-RAL

στόμιο νωπού αέρα με σήτα και φίλτρο βαμμένο
weather air grille with mesh and filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	34.32	34.32	34.32	34.32						
250	34.32	34.32	34.32	38.10	42.49					
300	34.32	35.28	37.83	42.15	47.04	52.70				
350	35.92	38.62	41.14	45.98	51.39	57.97	62.25			
400	38.68	41.58	44.44	49.81	55.97	63.26	69.77	76.49		
450	41.66	44.72	47.75	53.65	60.13	68.72	76.92	84.73	96.39	
500	44.44	47.66	51.06	57.70	64.69	73.81	84.83	92.99	103.65	111.02
550	47.50	50.80	54.37	61.51	69.26	79.28	92.17	101.24	110.89	121.10
600	50.39	53.94	57.89	65.56	73.61	84.56	99.70	109.49	118.14	131.26
650	52.22	55.93	60.42	68.92	76.63	89.93	105.52	116.22	125.76	140.54
700	54.04	57.93	62.96	72.27	79.65	95.30	111.32	122.93	133.50	149.81
750	56.64	59.92	65.70	75.71	84.22	100.39	117.32	129.65	141.59	158.86
800	57.68	62.10	68.23	79.18	88.38	105.85	125.00	136.49	144.40	168.14
850	59.60	64.00	70.69	82.63	92.76	111.22	129.87	143.61	155.02	177.40
900	61.52	65.90	73.14	86.10	97.12	116.58	134.98	150.72	165.64	186.68
950	63.45	67.89	75.86	89.44	101.57	121.87	141.01	157.85	173.72	196.25
1000	65.37	69.88	78.59	92.80	106.04	127.14	147.06	164.97	181.81	205.83
1050	67.19	72.05	80.77	96.45	110.21	132.44	153.64	172.08	189.89	214.47
1100	69.01	74.03	83.69	99.72	114.58	138.27	159.78	179.19	198.00	223.73
1150	71.02	76.23	86.41	102.97	118.94	143.64	165.94	186.12	205.88	233.01
1200	72.67	78.22	88.98	106.44	123.31	149.25	172.08	193.24	213.96	242.29
1250	74.58	80.23	91.55	109.86	128.12	154.92	178.27	200.28	222.04	251.48
1300	76.49	82.26	94.12	113.27	132.93	160.60	184.46	207.33	230.13	260.67
1350	78.41	84.28	96.69	116.69	137.99	166.26	190.63	214.37	238.22	269.87
1400	80.33	86.29	99.26	120.11	143.12	171.94	196.82	221.42	246.30	279.07
1450	82.25	88.33	101.85	123.53	148.26	177.62	203.01	228.46	254.40	288.28
1500	84.16	90.35	104.42	126.95	153.37	183.29	209.20	235.51	262.48	297.47

FA-400-A-F

στόμιο νωπού αέρα με σήτα ανοιγόμενο με φίλτρο
weather air grille with mesh - accessible with filter

	100	125	150	200	250	300	350	400	450	500
200	33.98	33.98	33.98	33.98						
250	33.98	33.98	33.98	38.55	43.93					
300	33.98	35.30	38.41	43.59	49.54	56.57				
350	36.28	39.56	42.59	48.36	54.91	63.05	68.05			
400	39.83	43.30	46.74	53.10	60.54	69.56	77.47	85.70		
450	43.67	47.29	50.92	57.87	65.63	76.30	86.41	96.02	110.88	
500	47.25	51.04	55.07	62.91	71.27	82.54	96.39	106.34	119.70	128.58
550	51.18	55.02	59.25	67.67	76.90	89.27	105.59	116.66	128.51	141.15
600	54.90	59.03	63.68	72.71	82.25	95.76	115.06	126.97	137.33	153.70
650	57.16	61.45	66.79	76.80	85.77	102.38	122.13	135.19	146.66	164.43
700	59.41	63.85	69.90	80.91	89.28	109.00	129.23	143.40	155.99	175.18
750	62.72	66.28	73.28	85.13	94.91	115.24	136.57	151.61	165.34	185.64
800	63.91	68.96	76.37	89.39	100.02	121.98	146.26	159.54	168.09	196.35
850	66.29	71.26	79.35	93.62	105.38	128.58	152.05	167.76	180.60	207.09
900	68.67	73.55	82.35	97.87	110.75	135.20	157.84	176.00	193.11	217.82
950	71.06	75.97	85.71	101.97	116.25	141.68	164.80	184.22	202.43	228.94
1000	73.45	78.39	89.09	106.07	121.75	148.18	171.74	192.43	211.76	240.05
1050	75.70	81.04	91.68	110.58	126.84	154.67	179.37	200.62	221.10	249.98
1100	77.92	83.46	95.33	114.57	132.21	161.44	186.46	208.82	230.44	260.71
1150	80.43	86.15	103.08	118.52	137.54	167.64	193.56	216.79	239.52	271.44
1200	82.43	88.56	101.82	122.77	142.92	174.14	200.62	225.01	248.85	282.17
1250	84.81	91.02	104.97	126.96	148.90	180.72	207.76	233.12	258.19	292.82
1300	87.20	93.48	108.13	131.15	154.87	187.30	214.89	241.24	267.53	303.46
1350	89.57	95.94	111.29	135.34	160.85	193.88	222.01	249.37	276.86	314.09
1400	91.95	98.42	114.44	139.53	166.84	200.45	229.14	257.49	286.20	324.74
1450	94.34	100.88	117.59	143.73	172.82	207.02	236.28	265.62	295.55	335.37
1500	96.71	103.33	120.76	147.92	178.79	213.60	243.41	273.74	304.89	346.02

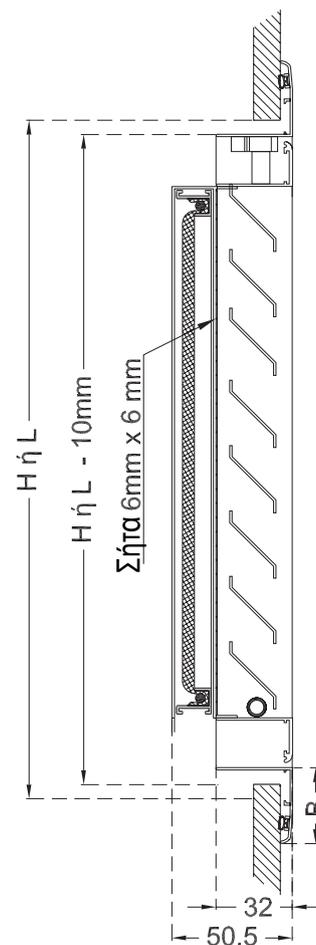
FA-400-A-F FA-400-A-F-RAL



FA-400-A-F-RAL

στόμιο νωπού αέρα με σήτα ανοιγόμενο με φίλτρο βαμμένο
weather air grille with mesh - accessible with filter in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	43.32	43.32	43.32	43.32						
250	43.32	43.32	43.32	47.90	53.27					
300	43.32	44.64	47.75	52.94	58.89	65.92				
350	45.63	48.92	51.93	57.70	64.25	72.40	77.38			
400	49.18	52.65	56.09	62.46	69.90	78.90	86.82	95.04		
450	53.02	56.64	60.26	67.23	74.99	85.66	95.77	105.36	120.22	
500	56.60	60.38	64.42	72.26	80.61	91.88	105.75	115.69	129.05	137.94
550	60.52	64.37	68.60	77.02	86.25	98.62	114.95	126.01	137.86	150.49
600	64.25	68.38	73.03	82.05	91.59	105.11	124.40	136.32	146.67	163.15
650	66.51	70.80	76.14	86.15	95.11	111.73	131.49	144.53	156.02	174.50
700	68.75	73.19	79.24	90.24	98.64	118.35	138.59	152.75	165.47	185.84
750	72.06	75.62	82.62	94.48	104.26	124.58	145.91	160.95	175.34	196.91
800	73.25	78.32	85.71	98.75	109.36	131.33	155.61	169.27	178.07	208.24
850	75.64	80.60	88.70	102.98	114.74	137.94	161.39	177.95	191.37	219.58
900	78.02	82.90	91.68	107.22	120.10	144.54	167.48	186.63	204.66	230.94
950	80.40	85.32	95.05	111.32	125.59	151.04	174.80	195.29	214.50	242.69
1000	82.80	87.74	98.44	115.42	131.09	157.52	182.14	203.98	224.37	254.45
1050	85.04	90.39	101.03	119.92	136.18	164.04	190.21	212.64	234.22	264.94
1100	87.27	92.80	104.67	123.90	141.55	171.19	197.68	221.31	244.10	276.28
1150	89.78	95.49	112.43	127.88	146.89	177.75	205.17	229.70	253.68	287.63
1200	91.78	97.91	111.18	132.12	152.27	184.62	212.64	238.38	263.55	298.97
1250	94.16	100.36	114.32	136.31	158.25	191.59	220.18	246.96	273.41	310.22
1300	96.55	102.83	117.48	140.50	164.23	198.54	227.69	255.53	283.27	321.46
1350	98.92	105.30	120.64	144.69	170.49	205.49	235.22	264.10	293.14	332.71
1400	101.31	107.77	123.79	148.87	176.82	212.45	242.76	272.68	303.01	343.96
1450	103.69	110.22	126.95	153.08	183.16	219.42	250.29	281.26	312.87	355.21
1500	106.07	112.68	130.11	157.27	189.50	226.36	257.82	289.83	322.74	366.45



B: 32mm, 19mm

FA-450/400C/450C FA-450/400C/450C-RAL



FA-450



FA-400-C



FA-450-C

FA-450

στόμιο νωπού αέρα - τύπου louver
weather air grille - louver type

τετραγωνικό μέτρο

400.00

βαμμένο-RAL

400.00

FA-400-C

στόμιο νωπού αέρα με σήτα κυκλικό
circular weather air grille

βαμμένο-RAL

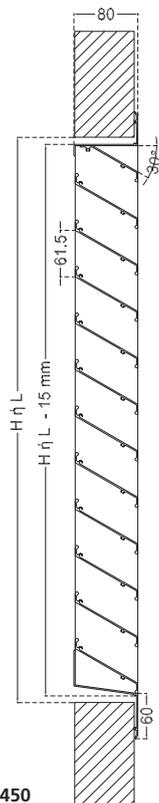
Φ100	16.00	24.20
Φ125	18.50	26.70
Φ150	25.80	34.00
Φ200	40.50	48.70

FA-450-C

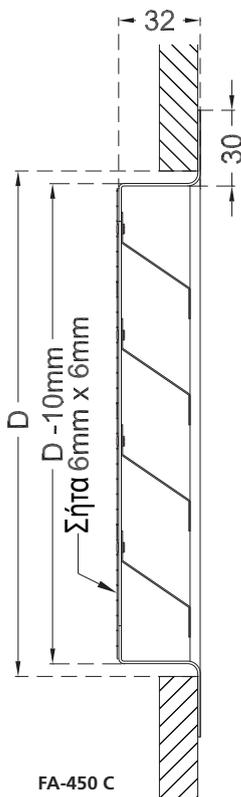
στόμιο νωπού αέρα με σήτα κυκλικό - τύπου louver
circular weather air grille - louver type

βαμμένο-RAL

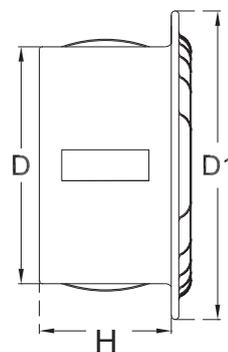
Φ200	70.00	81.00
Φ250	90.00	103.50
Φ300	110.00	126.00
Φ350	135.00	152.00
Φ400	156.00	173.00



FA-450



FA-450 C



ΟΝΟΜΑΣΤΙΚΟ ΜΕΓΕΘΟΣ	D	D1	H
100	96	125	53
125	115	150	53
150	145	175	53
200	195	240	53

FA-400 C

VR-2100

δισκοβαλβίδα μεταλλική
metal disc valve

	βαμμένο σε RAL 9016	βαμμένο inox	
	in RAL 9016	in RAL	
Φ100	6.66	14.47	15.50
Φ125	8.34	16.14	19.40
Φ150	11.67	19.47	29.00
Φ200	16.10	23.90	35.00

VR-2100 VR-2100/2150-RAL



VR-2100

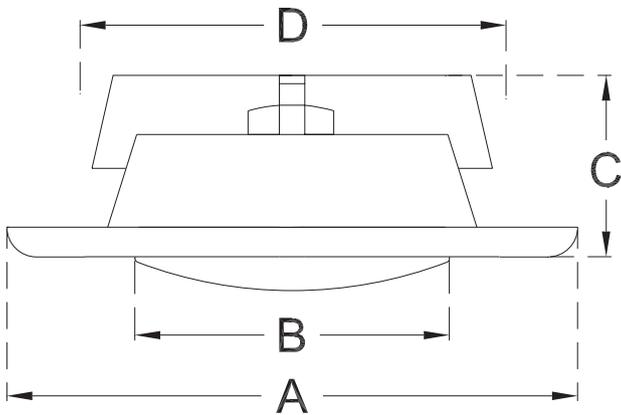
VR-2150-RAL

δισκοβαλβίδα πλαστική
plastic disc valve

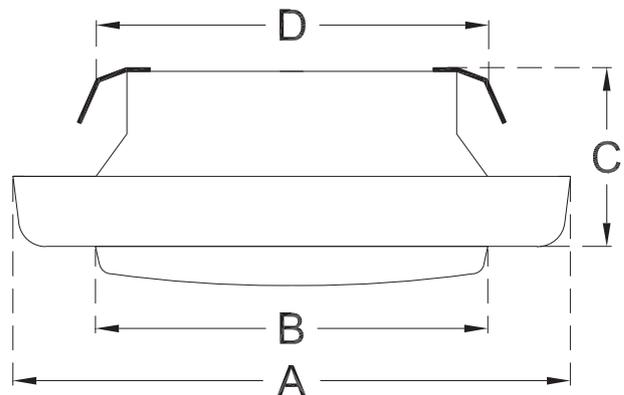
Φ100	6.44
Φ125	7.34
Φ150	8.55
Φ200	11.45



VR-2150



VR-2100



VR-2150

ΟΝΟΜΑΣΤΙΚΟ ΜΕΓΕΘΟΣ	A	B	C	D
100	140	75	40	125
125	170	99	46	150
150	202	119	54	175
200	254	157	64	225

NR-900 NR-900-RAL



NR-900

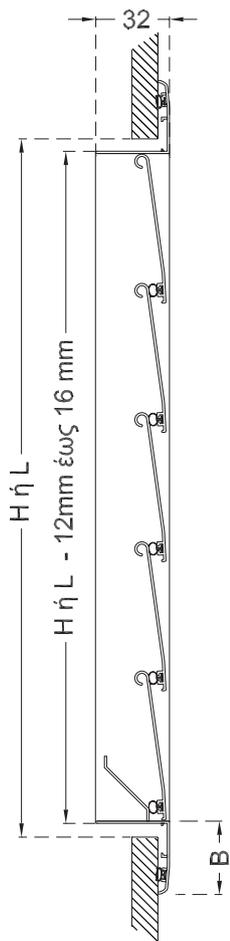
στόμιο βαρύτητας
gravity air grille

	100	125	150	200	250	300	350	400	450	500
200	23.89	23.89	23.89	24.99						
250	23.89	23.89	23.89	25.87	29.61					
300	23.89	23.89	24.77	28.95	32.23	35.09				
350	23.89	25.87	28.29	30.70	35.09	38.61	42.10			
400	26.97	29.61	32.45	35.30	38.16	41.89	46.94	53.50		
450	30.92	32.23	33.55	38.16	41.89	46.28	53.50	59.20	66.01	
500	33.77	35.09	38.16	40.80	44.96	50.20	56.58	62.06	69.07	78.73
550	34.87	36.41	39.92	42.33	46.50	51.99	59.20	65.79	75.89	85.73
600	38.16	40.14	41.89	46.28	51.99	59.64	63.16	70.18	78.73	88.59
650	39.48	42.33	44.96	49.55	55.59	62.72	68.09	75.89	85.07	95.50
700	40.80	44.53	48.02	52.84	59.20	65.79	73.03	81.59	91.44	102.42
750	42.33	46.94	50.86	56.35	62.72	70.39	78.07	87.27	97.59	109.43
800	43.87	49.14	53.94	59.64	66.23	74.79	83.11	92.98	103.74	116.46
850	45.29	51.42	57.02	62.94	69.84	79.06	88.04	98.79	110.10	123.35
900	46.72	53.72	60.08	66.23	73.47	83.35	92.98	104.60	116.46	130.25
950	48.14	56.03	63.16	69.62	77.08	87.60	97.92	112.40	122.69	137.28
1000	49.54	58.32	66.23	73.03	80.71	91.88	102.86	120.18	128.95	144.30
1050	51.08	60.52	69.30	76.32	84.23	96.27	107.89	121.91	135.09	151.09
1100	52.40	62.72	72.37	79.83	87.93	100.66	112.73	127.63	141.44	158.12
1150	53.94	65.13	75.45	83.11	91.22	104.82	117.78	133.32	147.82	165.13
1200	55.47	67.33	78.51	86.39	94.95	109.21	122.79	139.26	154.15	172.15
1250	56.90	69.56	81.54	89.80	98.55	113.52	127.80	144.99	160.44	179.09
1300	58.32	71.79	84.57	93.20	102.12	117.83	132.83	150.72	166.73	186.03
1350	59.75	74.02	87.60	96.60	105.70	122.14	137.83	156.46	173.02	192.98
1400	61.18	76.24	90.64	100.00	109.30	126.46	142.84	162.19	179.30	199.92
1450	62.61	78.47	93.68	103.39	112.87	130.78	147.84	167.94	185.59	206.88
1500	64.04	80.71	96.70	106.80	116.46	135.09	152.84	173.68	191.88	213.82

NR-900-RAL

στόμιο βαρύτητας βαμμένο
gravity air grille in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	33.25	33.25	33.25	34.34						
250	33.25	33.25	33.25	35.22	38.96					
300	33.25	33.25	34.12	38.30	41.59	44.44				
350	33.25	35.22	37.64	40.05	44.44	47.96	51.44			
400	36.32	38.96	41.81	44.64	47.50	51.24	56.28	62.85		
450	40.27	41.59	42.91	47.50	51.24	55.62	62.85	68.56	75.36	
500	43.13	44.44	47.50	50.14	54.30	59.57	65.93	71.41	78.41	88.07
550	44.22	45.76	49.26	51.68	55.84	61.34	68.56	75.14	85.23	95.09
600	47.50	49.48	51.24	55.62	61.34	69.00	72.51	79.54	88.07	97.94
650	48.82	51.68	54.30	58.92	64.94	72.06	77.45	85.23	94.43	105.05
700	50.14	53.87	57.37	62.19	68.56	75.14	82.37	90.93	100.79	112.66
750	51.68	56.28	60.22	65.70	72.07	79.73	87.41	96.63	107.36	120.36
800	53.21	58.48	63.29	69.00	75.58	84.13	92.46	102.33	114.11	128.09
850	54.64	60.79	66.36	72.28	79.19	88.42	97.38	108.67	121.10	135.68
900	56.06	63.07	69.44	75.58	82.81	92.69	102.33	115.06	128.09	143.29
950	57.49	65.37	72.50	78.97	86.44	96.97	107.71	123.63	134.97	151.00
1000	58.90	67.68	75.58	82.37	90.05	101.23	113.13	132.20	141.84	158.72
1050	60.45	69.88	78.66	85.66	93.57	105.91	118.67	134.11	148.60	166.20
1100	61.75	72.07	81.71	89.17	97.28	110.72	123.99	140.40	155.58	173.93
1150	63.29	74.48	84.79	92.46	100.57	115.30	129.55	146.65	162.59	181.63
1200	64.82	76.68	87.85	95.76	104.46	120.12	135.08	153.18	169.58	189.36
1250	66.25	78.90	90.89	99.14	108.41	124.87	140.59	159.49	176.48	197.00
1300	67.68	81.14	93.92	102.55	112.33	129.61	146.09	165.80	183.40	204.64
1350	69.11	83.36	96.94	106.26	116.28	134.35	151.61	172.12	190.32	212.28
1400	70.53	85.59	99.99	110.00	120.22	139.11	157.11	178.41	197.24	219.91
1450	71.96	87.82	103.04	113.74	124.17	143.86	162.62	184.72	204.15	227.56
1500	73.39	90.05	106.37	117.47	128.09	148.60	168.14	191.04	211.08	235.20



B: 32mm, 19mm

SC-1500

στόμιο κερκίδας τετράγωνο
square staircase diffuser

180x180
250x250

24.50
38.00

SC-1550

στόμιο κερκίδας κυκλικό
circular staircase diffuser

Φ80
Φ100

60.00
65.00

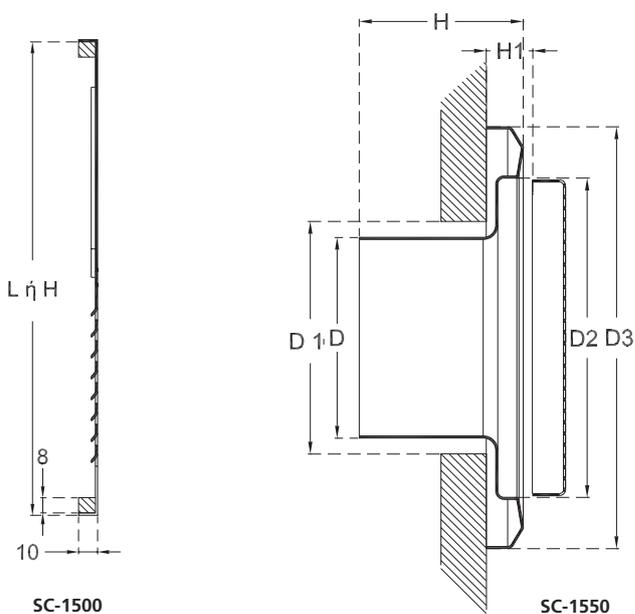
SC-1500 SC-1550



SC-1500



SC-1550



ΟΝΟΜΑΣΤΙΚΟ ΜΕΓΕΘΟΣ	D	D1	D2	D3	H	H1
80	78	93	135	186	86	18
100	98	113	155	206	86	18





DV
DR
FD/FD-S
DG
DN

D
D-TS

FL/FC/FR
FG-15-MM
FZ

PB
PB-I

ACDR
ACDR-RAL

CG
CG-RAL

**ΚΙΝΗΤΗΡΑΣ/
 ELECTRIC ACTUATOR
 ΘΕΡΜΟΣΤΑΤΗΣ/
 THERMOSTAT
 ΠΟΤΕΝΣΙΟΜΕΤΡΟ/
 POTENSIOMETER**

GRM-1/2

DV
DR



DV

DV

πολύφυλλο διάφραγμα
volume damper

	150	200	250	300	350	400	450	500
150	35.85	40.71	45.57	50.44	55.30	60.17	65.03	70.59
200	38.28	43.49	48.69	53.87	59.07	64.27	69.46	74.67
250	40.73	46.26	51.80	57.32	63.87	68.38	73.91	79.44
300	43.18	49.04	54.90	60.75	66.63	72.49	78.35	84.20
350	45.63	51.81	58.01	64.20	70.40	76.92	82.79	88.98
400	48.06	54.59	61.12	67.64	74.16	80.70	87.22	93.75
450	50.55	57.41	64.28	71.14	78.00	84.88	91.73	98.59
500	53.04	60.24	67.44	74.64	81.83	89.03	96.24	103.43
550	55.48	63.02	70.55	78.08	85.61	93.14	100.68	108.21
600	57.94	65.80	73.66	81.52	89.39	97.25	105.12	112.98
650	60.37	68.57	76.77	84.95	93.15	101.35	109.55	117.76
700	62.82	71.35	79.88	88.42	96.93	105.46	114.00	122.53
750	65.31	74.16	83.04	91.90	100.77	109.65	118.50	127.38
800	67.79	76.99	86.18	95.39	104.60	113.81	123.01	132.22
850	70.25	79.77	89.31	98.86	108.38	117.91	127.45	136.98
900	72.68	82.56	92.42	102.28	112.15	122.02	131.88	141.76
950	75.16	85.37	95.58	105.79	115.98	126.19	136.40	146.61
1000	77.66	88.20	98.72	109.28	119.81	130.35	140.92	151.45
1050	80.14	90.99	101.88	112.73	123.65	134.52	145.44	156.27
1100	82.62	93.83	105.01	116.24	127.41	138.62	149.97	161.18
1150	85.12	96.50	108.14	119.74	131.28	142.67	154.46	165.94
1200	87.66	99.41	111.30	123.19	135.17	146.81	158.99	170.79
1250	90.18	102.20	114.43	126.84	138.93	151.01	163.49	175.63
1300	92.60	104.96	117.63	130.22	142.76	155.16	168.09	180.57
1350	95.11	107.79	120.69	133.71	146.67	159.35	172.70	185.28
1400	97.59	110.59	123.88	137.19	150.44	163.49	177.12	190.16
1450	100.17	113.40	127.02	140.66	154.35	167.71	181.52	194.94
1500	102.65	116.20	130.18	143.90	158.12	171.93	186.13	199.76

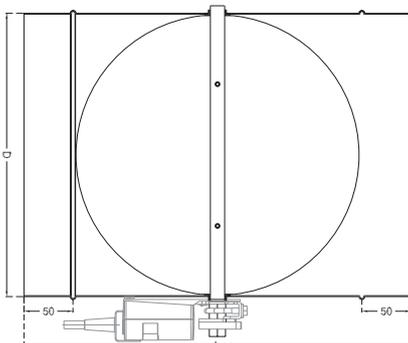
DR

κυκλικό διάφραγμα
circular volume damper



Φ100	21.93
Φ125	25.58
Φ150	29.24
Φ160	30.71
Φ180	32.90
Φ200	36.55
Φ225	38.39
Φ250	40.20
Φ280	42.39
Φ300	46.79
Φ350	51.17
Φ400	58.49
Φ450	65.79
Φ500	76.75
Φ550	85.89
Φ600	95.02

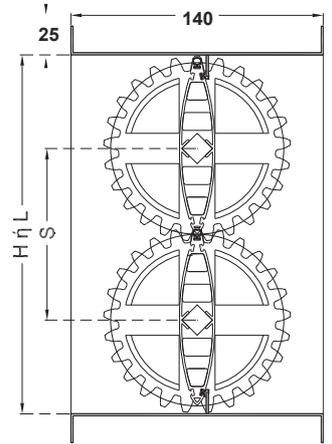
DR



DV

πολύφυλλο διάφραγμα
volume damper

550	600	650	700	750	800	850	900	950	1000
74.79	79.63	84.49	89.34	94.22	99.09	104.02	108.92	113.80	118.67
79.85	85.06	90.26	95.45	100.66	105.85	111.10	116.37	121.56	126.75
84.95	90.49	96.03	101.55	107.08	112.62	118.21	123.80	129.33	134.86
90.06	95.92	101.79	107.66	113.52	119.37	125.31	131.24	137.10	142.97
95.16	101.35	107.55	113.75	119.96	126.14	132.41	138.68	144.77	150.86
100.27	106.80	113.32	119.85	126.38	132.89	139.50	146.10	152.45	158.77
105.46	112.32	119.18	126.06	132.90	139.77	146.72	153.66	160.44	167.19
110.65	117.85	125.05	132.24	139.44	146.64	153.93	161.22	168.42	175.62
115.74	123.28	130.80	138.34	145.87	153.41	161.03	168.65	176.18	183.72
120.85	128.71	136.58	144.43	152.31	160.17	168.14	176.09	183.94	191.82
125.95	134.13	142.34	150.54	158.73	166.94	175.23	183.52	191.72	199.92
131.05	139.57	148.10	156.64	165.17	173.69	182.32	190.96	199.48	208.01
136.22	145.10	153.98	162.83	171.70	180.57	189.54	198.51	207.37	216.24
141.42	150.61	159.82	169.03	177.08	187.44	197.13	206.06	215.27	224.47
146.51	156.06	165.59	175.24	184.67	194.18	203.84	213.50	223.04	232.56
151.62	161.49	171.36	181.23	191.09	200.96	210.95	220.94	230.80	240.67
156.82	167.01	177.22	187.43	197.63	207.83	218.16	228.48	238.69	248.90
161.99	172.52	183.07	193.61	204.13	214.70	225.37	236.05	246.58	257.12
167.17	177.98	188.82	199.76	210.69	221.63	232.76	243.68	254.63	265.57
172.30	183.44	194.66	205.90	217.22	228.54	240.05	251.37	262.70	274.02
177.48	188.92	200.42	212.04	223.75	235.43	247.34	259.04	270.74	282.46
182.68	194.46	206.21	218.16	230.25	242.34	254.63	266.72	278.81	290.91
187.86	199.95	212.00	224.31	236.78	249.26	261.93	274.40	286.87	299.33
193.04	205.52	217.79	230.45	243.31	256.17	269.21	282.06	294.92	307.78
198.25	211.00	223.55	236.59	249.83	263.08	276.50	289.74	303.00	316.23
203.39	216.45	229.31	242.74	256.37	269.98	283.80	297.42	311.04	324.67
208.62	222.01	235.07	248.88	262.88	276.88	291.08	305.11	319.11	333.11
213.76	227.58	240.82	255.01	269.41	283.80	298.39	312.77	327.16	341.55



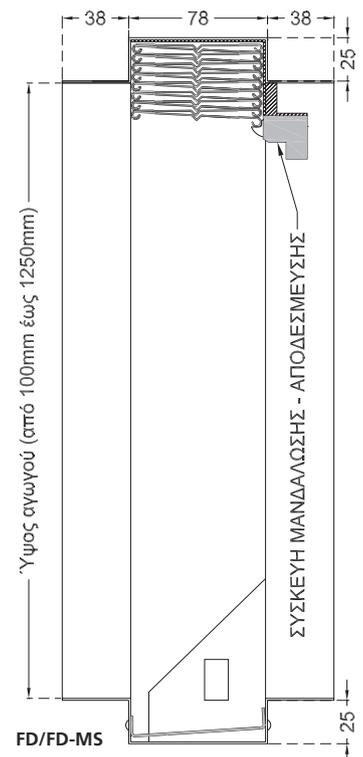
S: 100mm, 120mm

DV

FD/FD-MS

διάφραγμα πυρός
fire damper

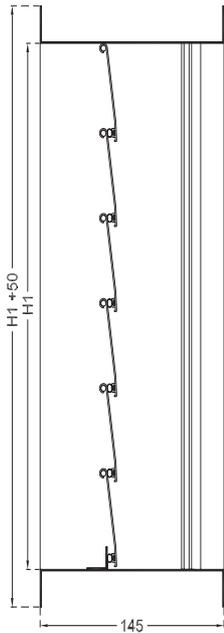
ΤΙΜΕΣ ΚΑΤΟΠΙΝ ΖΗΤΗΣΗΣ



DG
DR



DG



DG

διάφραγμα βαρύτητας
gravity damper

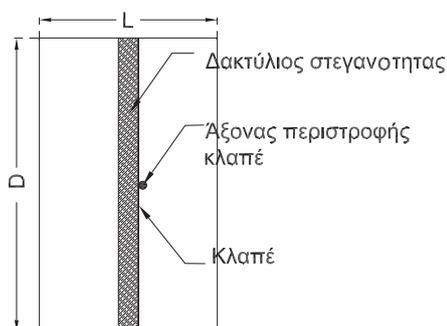
	100	125	150	200	250	300	350	400	450	500
200	20.50	23.39	27.05	29.94						
250	22.59	25.22	28.63	31.00	35.48					
300	23.64	27.05	29.68	34.69	38.62	42.04				
350	28.09	31.00	33.89	36.77	42.04	46.25	50.42			
400	32.31	35.48	38.87	42.28	45.70	50.18	56.21	64.11		
450	37.04	38.62	40.19	45.70	50.18	55.43	64.11	70.93	79.07	
500	40.45	42.04	45.70	48.86	53.85	60.15	67.79	74.35	82.73	94.31
550	41.77	43.62	47.82	50.71	55.69	62.27	70.93	78.80	90.90	102.71
600	45.70	48.07	50.18	55.43	62.27	71.46	75.67	84.07	94.31	106.14
650	47.29	50.71	53.85	59.37	66.60	75.13	81.58	90.90	101.93	114.41
700	48.86	53.35	57.52	63.30	70.93	78.80	87.48	97.72	109.54	122.68
750	50.71	56.21	60.94	67.51	75.14	84.33	93.51	104.56	116.91	131.08
800	52.55	58.85	64.62	71.46	79.34	89.58	99.56	111.38	124.28	139.50
850	54.25	61.61	68.30	75.39	83.68	94.71	105.47	118.34	131.88	147.76
900	55.96	64.36	71.97	79.34	88.01	99.84	111.38	125.30	139.50	156.04
950	57.65	67.12	75.66	83.40	92.34	104.96	117.30	134.63	146.98	164.44
1000	59.37	69.88	79.34	87.48	96.68	110.08	123.21	143.96	154.47	172.85
1050	61.20	72.50	83.02	91.42	100.89	115.33	129.23	146.05	161.83	181.01
1100	62.79	75.14	86.69	95.63	105.35	120.58	135.02	152.89	169.42	189.43
1150	64.62	78.02	90.38	99.56	109.28	125.57	141.09	159.71	177.07	197.81
1200	66.45	80.65	94.04	103.50	113.75	130.82	147.10	166.81	184.67	206.22
1250	68.17	83.32	97.68	107.57	118.04	135.98	153.10	173.69	192.20	214.54
1300	69.88	86.00	101.31	111.65	122.33	141.15	159.09	180.56	199.73	222.86
1350	71.59	88.67	104.94	115.71	126.63	146.32	165.10	187.43	207.26	231.18
1400	73.29	91.33	108.57	119.79	130.91	151.49	171.09	194.29	214.80	239.50
1450	75.01	94.01	112.21	123.86	135.21	156.65	177.11	201.17	222.33	247.82
1500	76.71	96.68	115.85	127.94	139.50	161.83	183.11	208.04	229.87	256.12

DN

διάφραγμα αντεπίστροφο
pressure damper (circular)



DN



Φ100	16.50
Φ125	17.80
Φ150	19.80
Φ160	20.20
Φ180	23.00
Φ200	24.00
Φ250	32.20
Φ315	38.70
Φ355	101.50
Φ400	125.00
Φ450	138.70
Φ500	194.00

D

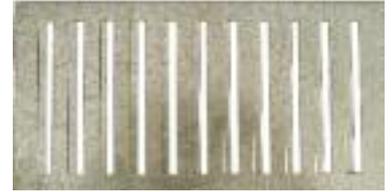
διάφραγμα στοριού air grille damper

	100	125	150	200	250	300	350	400	450	500
200	11,00	11,00	11,00	11,00						
250	11,00	11,00	11,00	12,09	13,05					
300	11,00	11,00	12,10	13,24	14,19	15,35				
350	11,00	12,09	13,24	14,46	15,35	17,27	19,00			
400	11,92	13,24	14,45	15,55	15,42	19,19	20,97	23,62		
450	13,08	14,40	15,60	16,88	16,76	21,12	22,85	25,97	31,44	
500	14,23	15,55	16,77	17,85	18,82	23,04	25,13	28,27	33,16	37,65
550	15,38	16,71	17,79	19,06	20,15	24,95	26,68	30,51	36,26	39,73
600	16,54	17,86	19,06	20,35	21,23	26,81	28,59	32,87	37,65	41,79
650	17,10	18,33	19,26	21,01	22,86	26,99	29,74	33,81	38,16	42,84
700	17,65	18,81	19,46	21,67	24,49	27,18	30,90	34,74	38,69	43,87
750	18,04	19,37	20,38	23,22	26,47	29,17	34,54	38,96	45,24	50,77
800	19,19	20,26	21,60	25,33	29,92	33,96	41,63	43,74	48,36	51,81
850	19,67	21,16	22,53	26,48	31,76	36,08	42,98	47,01	51,64	56,13
900	20,15	22,06	23,46	27,63	33,59	38,19	44,33	50,28	54,92	60,45
950	21,30	24,17	26,79	31,50	35,16	41,55	46,45	52,67	58,37	63,91
1000	22,09	25,70	30,03	33,96	36,81	43,55	49,07	56,31	61,83	67,35
1050	22,71	26,67	31,01	34,79	40,78	45,23	50,43	58,02	62,16	70,80
1100	23,35	27,62	31,99	36,10	42,45	46,91	51,29	59,76	65,96	72,53
1150	24,32	28,91	33,12	37,41	43,93	49,25	54,67	62,52	68,73	74,26
1200	25,09	29,88	34,91	39,70	44,44	50,93	57,21	65,63	72,53	79,43
1250	26,23	31,67	37,34	42,98	47,15	54,07	60,08	69,37	76,55	84,33
1300	27,38	33,45	39,77	46,27	49,86	57,22	62,96	73,11	80,60	89,23
1350	28,51	35,25	42,20	49,55	52,56	60,38	65,82	76,85	84,62	94,12
1400	29,66	37,05	44,64	52,83	55,27	63,51	68,71	80,60	88,64	99,01
1450	30,79	38,84	47,08	53,50	60,02	66,67	71,58	84,33	92,67	103,90
1500	31,92	40,62	49,51	56,16	62,92	69,82	74,47	88,08	96,71	108,79

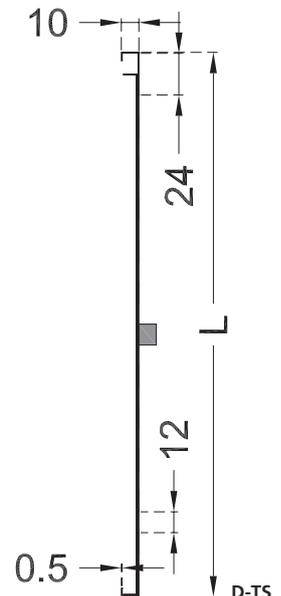
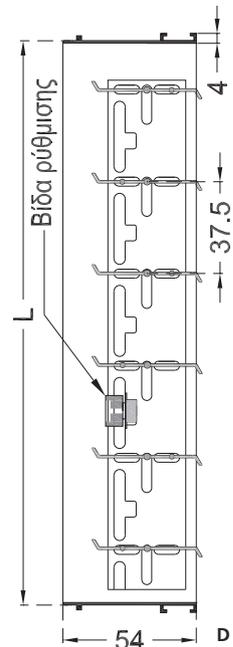
D D-TS



D



D-TS



D

διάφραγμα στοριού συρταρωτό air grille damper with fixed blades (hit & miss)

	100	125	150	200	250	300	350	400	450	500
200	13,20	13,20	13,20	13,20						
250	13,20	13,20	13,20	14,51	15,66					
300	13,20	13,20	14,52	15,89	17,03	18,42				
350	13,20	14,51	15,89	17,35	18,42	20,72	22,80			
400	14,31	15,89	17,34	18,66	18,51	23,03	25,17	28,34		
450	15,69	17,28	18,72	20,26	20,11	25,34	27,42	31,17	37,73	
500	17,08	18,66	20,12	21,42	22,58	27,65	30,15	33,92	39,79	45,18
550	18,46	20,05	21,35	22,88	24,18	29,94	32,02	36,62	43,51	47,67
600	19,85	21,43	22,88	24,42	25,48	32,17	34,31	39,45	45,18	50,14
650	20,52	22,00	23,12	25,21	27,43	32,39	35,69	40,57	45,79	51,41
700	21,18	22,57	23,35	26,00	29,38	32,62	37,08	41,69	46,43	52,64
750	21,65	23,25	24,46	27,86	31,77	35,00	41,45	46,75	54,29	60,92
800	23,03	24,31	25,92	30,40	35,91	40,75	49,95	52,49	58,03	62,18
850	23,61	25,39	27,04	31,78	38,11	43,29	51,58	56,42	61,97	67,36
900	24,18	26,48	28,15	33,15	40,31	45,83	53,20	60,34	65,90	72,54
950	25,56	29,01	32,15	37,80	42,19	49,86	55,74	63,20	70,04	76,69
1000	26,51	30,85	36,04	40,75	44,17	52,25	58,89	67,58	74,20	80,82
1050	27,25	32,00	37,21	41,75	48,94	54,28	60,52	69,63	74,60	84,96
1100	28,02	33,15	38,38	43,32	50,94	56,29	61,55	71,71	79,15	87,04
1150	29,18	34,69	39,75	44,90	52,71	59,10	65,60	75,03	82,48	89,11
1200	30,11	35,86	41,89	47,64	53,33	61,12	68,65	78,75	87,04	95,32
1250	31,48	38,01	44,81	51,58	56,58	64,89	72,10	83,25	91,86	101,20
1300	32,86	40,15	47,72	55,53	59,83	68,66	75,55	87,73	96,71	107,07
1350	34,21	42,30	50,64	59,46	63,07	72,45	78,99	92,22	101,54	112,95
1400	35,59	44,45	53,57	63,40	66,32	76,21	82,45	96,71	106,37	118,81
1450	36,95	46,60	56,50	64,20	72,03	80,01	85,90	101,20	111,21	124,68
1500	38,30	48,74	59,41	67,39	75,50	83,79	89,36	105,70	116,05	130,55

ΟΙ ΤΙΜΕΣ ΤΩΝ D-TS ΙΣΧΥΟΥΝ ΓΙΑ ΠΑΡΑΓΓΕΛΙΕΣ ΑΝΩ ΤΩΝ 5 ΤΕΜΑΧΙΩΝ

**FL
FC**

FL/FC/FR

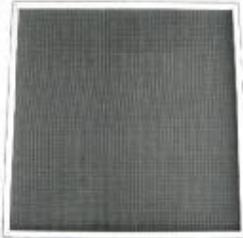
φίλτρο σκόνης/απορροφητήρα/viledon - washable air filter - viledon type

φίλτρο fan-coil/μαύρο πλαστικό - washable air filter - fan coil type

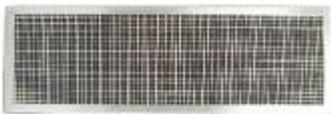
φίλτρο σκόνης/ricocell/σφουγγάρι - washable air filter - ricocell type



FL

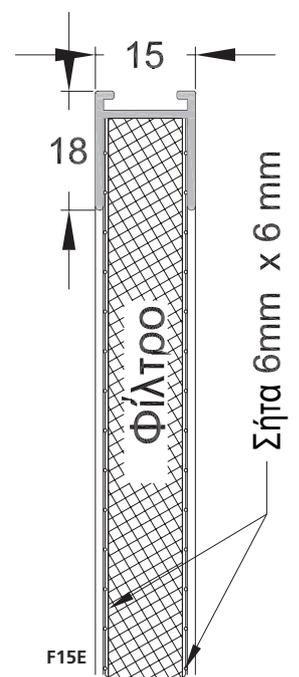
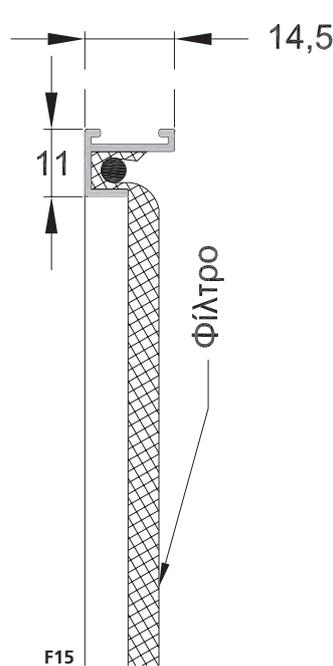
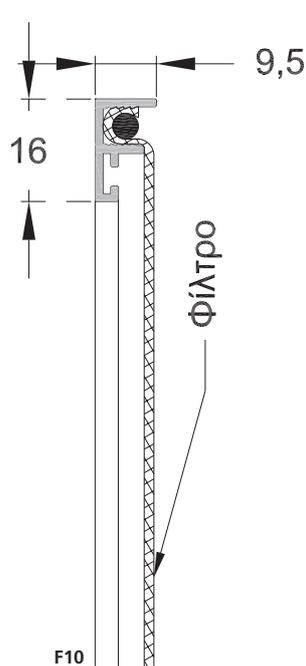
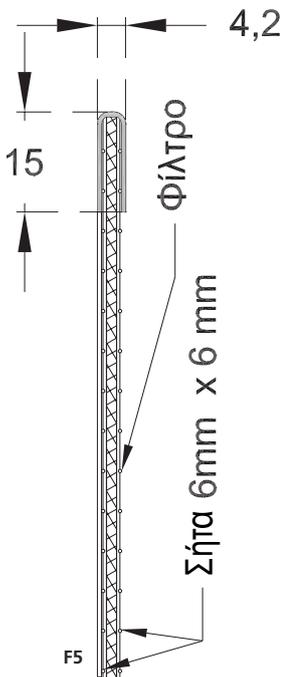


FC



FC-5MM

	100	125	150	200	250	300	350	400	450	500
200	11.86	12.20	12.88	13.89						
250	12.20	12.88	13.22	14.58	16.27					
300	12.54	12.88	13.89	16.27	18.30	19.33				
350	13.56	14.58	16.27	17.29	19.33	22.03	23.73			
400	14.58	16.27	18.30	19.33	21.69	23.73	26.43	30.17		
450	17.29	18.30	18.65	21.69	23.39	26.43	30.17	33.22	36.60	
500	18.98	19.33	21.69	23.39	25.42	28.14	31.51	34.91	38.30	44.07
550	19.33	20.34	22.37	23.73	26.43	28.47	33.22	36.60	40.00	45.80
600	20.59	21.69	22.37	25.42	27.46	30.85	33.90	37.63	41.60	47.45
650	21.14	22.37	23.06	26.10	28.48	31.53	34.93	38.98	43.22	48.98
700	21.69	23.06	23.73	26.77	29.49	32.20	35.94	40.34	44.40	50.51
750	22.37	23.39	25.42	27.79	32.20	35.94	40.68	46.10	51.52	58.64
800	23.39	24.74	25.76	31.19	36.27	41.35	46.78	49.83	55.92	59.99
850	24.41	26.10	26.77	32.88	38.14	43.72	49.16	53.90	59.83	65.59
900	25.42	27.46	27.79	34.57	40.00	46.10	51.52	57.96	63.72	71.18
950	26.10	29.16	31.87	37.29	42.20	48.64	55.09	61.69	68.13	75.09
1000	26.77	30.85	35.94	40.00	44.40	51.18	58.64	65.42	72.53	78.98
1050	27.46	32.20	36.95	41.35	48.81	53.21	60.33	68.13	74.57	82.71
1100	28.47	32.88	37.63	43.04	49.83	54.91	61.36	69.82	76.94	85.42
1150	29.49	34.91	40.00	44.40	51.52	56.61	65.42	73.22	80.67	88.80
1200	30.50	35.94	41.70	46.78	52.20	60.33	68.13	76.93	85.76	93.56
1250	31.86	38.51	44.53	49.67	55.36	63.90	72.20	81.51	90.73	99.37
1300	32.99	40.65	46.88	52.06	57.99	66.86	75.59	85.33	94.86	104.22
1350	34.34	43.22	49.70	54.95	61.16	70.42	79.66	89.90	99.84	110.04
1400	35.71	45.78	52.53	57.83	64.33	73.99	83.73	94.48	104.81	115.86
1450	37.06	48.36	55.35	60.71	67.48	77.54	87.80	99.06	109.78	121.68
1500	38.64	51.35	58.64	64.06	71.18	81.70	92.54	104.40	115.58	128.47



FG-15-MM

φίλτρο λιπών (μεταλλικό)
grease filter

	100	125	150	200	250	300	350	400	450	500
200	17.79	18.30	19.33	20.85						
250	18.30	19.33	19.83	21.87	24.41					
300	18.81	19.33	20.85	24.41	27.46	29.00				
350	20.35	21.87	24.41	25.94	29.00	33.05	35.60			
400	21.87	24.41	27.46	29.00	32.54	35.60	39.65	45.27		
450	25.94	27.46	27.97	32.54	35.08	39.65	45.27	49.83	54.90	
500	28.47	29.00	32.54	35.08	38.14	42.21	47.28	52.37	57.45	66.10
550	29.00	30.51	33.56	35.60	39.65	42.70	49.83	54.90	63.55	72.72
600	30.89	32.54	33.56	38.14	41.18	46.29	50.85	56.45	63.05	71.18
650	31.71	33.56	34.57	39.15	42.71	47.29	52.38	58.48	64.82	73.48
700	32.54	34.58	35.60	40.16	44.24	48.30	53.91	60.51	66.59	75.77
750	33.56	35.08	38.14	41.68	48.30	53.91	61.02	69.16	77.29	87.97
800	35.08	37.11	38.64	46.78	54.41	62.03	70.18	74.74	83.89	89.99
850	36.61	39.15	40.16	49.32	57.20	65.59	73.73	80.84	89.74	98.38
900	38.14	41.18	41.68	51.87	59.99	69.16	77.29	86.94	95.59	106.78
950	39.15	43.74	47.80	55.92	63.29	72.96	82.62	92.53	102.19	112.62
1000	40.16	46.29	53.91	59.99	66.59	76.78	87.97	98.13	108.80	118.47
1050	41.18	48.30	55.43	62.03	73.22	79.82	90.51	102.20	111.86	124.07
1100	42.70	49.32	56.45	64.57	74.74	82.37	92.04	104.73	115.42	128.13
1150	44.24	52.37	59.99	66.59	77.29	84.91	98.13	109.82	121.01	133.21
1200	45.76	53.91	62.56	70.18	78.30	90.51	102.20	115.40	128.63	140.34
1250	47.80	57.76	66.79	74.49	83.04	95.84	108.31	122.27	136.09	149.06
1300	49.49	60.97	70.31	78.10	87.00	100.30	113.39	127.98	142.31	156.33
1350	51.52	64.82	74.55	82.41	91.74	105.63	119.49	134.86	149.75	165.07
1400	53.56	68.67	78.78	86.73	96.49	110.98	125.60	141.72	157.21	173.79
1450	55.59	72.52	83.02	91.06	101.23	116.31	131.69	148.59	164.67	182.52
1500	57.97	77.02	87.97	96.10	106.78	122.55	138.82	156.61	173.37	192.71

ΜΕΓΑΛΥΤΕΡΟ ΠΑΧΟΣ ΔΙΑΘΕΣΙΜΟ ΚΑΤΟΠΙΝ ΠΑΡΑΓΓΕΛΙΑΣ

FG
FZ



FG

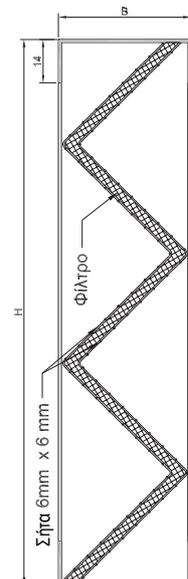
FZ

φίλτρο σε διάταξη τύπου "Z"
filter type "Z"

200	15.42	15.86	16.74	18.06						
250	15.86	16.74	17.19	18.95	21.15					
300	16.30	16.74	18.06	21.15	23.79	25.13				
350	17.63	18.95	21.15	22.48	25.13	28.64	30.85			
400	18.95	21.15	23.79	25.13	28.30	30.85	34.36	39.22		
450	22.48	23.79	24.25	28.20	30.41	34.36	39.22	43.19	47.58	
500	24.67	25.13	28.20	30.41	33.05	36.58	40.96	45.38	49.79	57.29
550	25.13	26.44	29.08	30.85	34.36	37.01	43.19	47.58	55.07	63.02
600	26.77	28.20	29.64	33.05	35.70	40.11	44.07	48.92	54.64	61.69
650	27.48	29.08	29.98	33.93	37.02	40.99	45.41	50.67	56.19	63.67
700	28.20	29.98	30.85	34.80	38.34	41.86	46.72	52.44	57.72	65.66
750	29.08	30.41	33.05	36.13	41.86	46.72	52.88	59.93	66.98	76.23
800	30.41	32.16	33.49	40.55	47.15	53.76	60.81	64.78	72.70	77.99
850	31.73	33.93	34.80	42.74	49.58	56.84	63.91	70.07	77.78	85.27
900	33.05	35.70	36.13	44.94	52.00	59.93	66.98	75.35	82.84	92.53
950	33.93	37.91	41.43	48.48	54.86	63.23	71.62	80.20	88.57	97.62
1000	34.80	40.11	46.72	52.00	57.72	66.53	76.23	85.05	94.29	102.67
1050	35.70	41.86	48.04	53.76	63.45	69.17	78.43	88.57	96.94	107.52
1100	37.01	42.74	48.92	55.95	64.78	71.38	79.77	90.77	100.02	111.05
1150	38.34	45.38	52.00	57.72	66.98	73.59	85.05	95.19	104.87	115.44
1200	39.65	46.72	54.21	60.81	67.86	78.43	88.57	100.01	111.49	121.63
1250	41.42	50.06	57.89	64.57	71.97	83.07	93.86	105.96	117.95	129.18
1300	42.89	52.85	60.94	67.68	75.39	86.92	98.27	110.93	123.32	135.49
1350	44.64	56.19	64.61	71.44	79.51	91.55	103.56	116.87	129.79	143.05
1400	46.42	59.51	68.29	75.18	83.63	96.19	108.85	122.82	136.25	150.62
1450	48.18	62.87	71.96	78.92	87.72	100.80	114.14	128.78	142.71	158.18
1500	50.23	66.76	76.23	83.28	92.53	106.21	120.30	135.72	150.25	167.01



FZ



PB
PB-I



PB

κουτί (plenum) αμόνωτο - plenum box

	100	150	2000	250	300	350	400	450	500
150	12.94	12.94							
200	12.94	15.02	16.17						
250	15.02	16.17	17.33	19.06					
300	16.17	17.33	18.48	20.33	23.10				
350	17.33	19.06	20.79	23.10	23.79	25.07			
400	19.06	20.33	23.10	23.79	25.41	26.56	27.72		
450	20.33	23.10	23.79	25.07	26.56	27.72	30.03	31.19	
500	23.10	23.79	25.07	27.15	27.72	30.03	31.19	32.34	33.50
550	23.79	24.26	26.56	27.72	30.03	31.19	32.34	33.50	34.65
600	25.41	26.56	27.72	30.03	31.19	32.34	33.50	34.65	36.96
650	26.56	27.72	30.03	31.19	32.34	33.50	34.65	36.96	38.70
700	27.72	30.03	31.19	32.34	33.50	34.65	36.96	38.12	39.85
750	31.19	32.34	33.50	34.65	36.96	38.12	39.85	41.58	43.32
800	31.19	32.34	33.50	34.65	36.96	38.12	39.96	41.58	43.32
850	32.34	33.50	34.65	36.96	38.12	39.96	41.58	43.43	44.70
900	33.50	34.65	36.96	38.12	39.96	41.58	43.32	44.47	46.20
950	34.65	36.96	38.70	39.96	41.58	43.32	45.05	46.20	47.36
1000	36.96	38.70	39.85	41.58	43.32	44.47	46.20	47.36	48.51

PB-I

κουτί (plenum) μονωμένο - plenum box with insulation



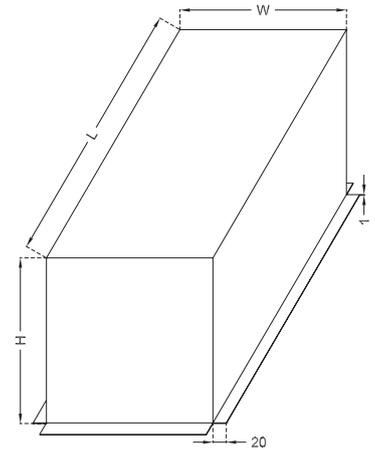
	100	150	2000	250	300	350	400	450	500
150	18.48	18.48							
200	18.48	21.94	24.26						
250	21.94	24.26	27.15	30.03					
300	24.26	27.15	30.03	32.34	34.65				
350	26.56	30.03	32.34	35.23	38.12	40.43			
400	28.88	31.77	35.23	38.12	40.43	43.89	46.78		
450	31.77	34.65	38.12	40.43	43.32	47.36	49.66	51.98	
500	34.65	36.96	40.43	43.32	46.20	49.66	51.98	55.44	58.33
550	36.62	39.85	42.74	46.20	49.66	51.98	55.44	58.33	61.80
600	39.27	42.74	45.05	48.51	51.98	54.87	58.33	61.22	64.11
650	42.16	45.05	48.51	51.40	54.87	57.75	61.22	64.11	67.80
700	44.70	47.36	50.82	54.28	57.75	61.22	63.53	66.99	70.46
750	46.78	50.25	53.71	56.60	60.06	63.53	66.99	70.46	72.77
800	49.66	53.13	56.25	59.49	62.95	66.42	69.88	72.77	76.23
850	51.98	55.44	58.90	62.37	65.84	69.30	72.53	76.23	79.12
900	54.87	58.33	61.80	64.68	68.15	71.61	76.23	79.70	85.89
950	57.18	61.22	64.11	67.57	71.04	75.08	78.54	82.01	85.47
1000	59.49	63.53	66.99	70.46	73.92	77.97	81.43	84.32	88.94

PB

κουτί (plenum) αμόνωτο - plenum box

550 600 650 700 750 800 850 900 950

36.96								
38.58	39.27							
40.43	41.58	43.32						
41.01	43.32	44.70	46.20					
44.81	46.20	47.36	48.51					
44.47	46.20	47.36	48.51	50.82	51.98			
46.20	47.36	48.51	50.82	51.98	53.13	55.44		
47.36	48.51	50.82	51.98	53.13	54.87	56.60	57.75	
48.51	50.82	51.98	53.71	54.87	56.60	58.33	59.49	61.22
50.82	51.98							

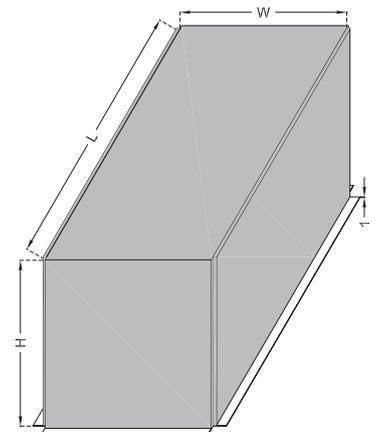


PB-I

κουτί (plenum) μονωμένο - plenum box with insulation

550 600 650 700 750 800 850 900 950

63.53								
67.80	70.46							
70.46	73.92	77.39						
73.92	77.39	79.70	83.16					
76.81	83.16	86.62	90.09					
79.70	83.16	86.62	90.09	93.56	97.02			
82.59	86.05	89.52	92.98	97.02	100.48	103.95		
86.05	89.52	92.98	95.86	99.33	103.95	107.42	110.31	
88.94	92.98	95.86	99.33	102.80	106.26	110.31	113.77	117.24
92.40	95.92							

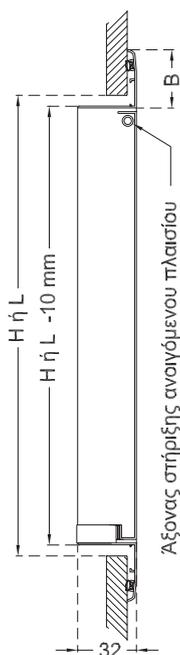


ACDR ACDR-RAL



ACDR										
Θυρίδα access door										
	100	125	150	200	250	300	350	400	450	500
200	17.89	17.89	17.89	18.70						
250	17.89	17.89	17.89	19.22	21.89					
300	17.89	17.89	18.41	21.89	24.03	26.18				
350	17.89	19.22	21.08	22.96	26.18	28.85	30.98			
400	19.77	21.89	24.03	25.88	28.30	30.98	34.72	39.52		
450	22.96	24.03	24.83	28.04	30.98	34.19	39.52	44.05	48.59	
500	25.11	26.18	28.56	30.70	33.65	37.38	41.66	45.91	51.25	58.21
550	25.64	26.69	29.37	31.51	34.45	38.45	43.77	48.59	56.07	61.42
600	28.30	29.91	30.98	34.19	37.38	42.17	46.45	51.80	58.21	64.61
650	29.10	30.57	31.91	35.53	39.26	43.25	47.39	53.40	59.01	66.22
700	29.91	31.24	32.84	36.86	41.13	44.34	48.33	55.00	59.81	67.82
750	30.98	32.58	34.45	38.99	43.27	49.12	55.00	61.94	69.95	78.49
800	32.31	34.19	35.78	42.98	49.66	56.88	62.49	67.29	74.76	80.10
850	33.38	35.91	37.25	45.12	51.79	59.94	65.82	71.55	79.83	86.78
900	34.45	37.64	38.73	47.26	53.92	63.01	69.15	75.82	84.90	93.46
950	35.78	40.19	44.06	51.26	56.60	66.21	73.29	81.44	90.24	98.80
1000	37.12	42.73	49.40	55.27	59.28	69.41	77.42	87.06	95.59	104.14
1050	38.18	44.34	51.01	56.60	65.68	72.09	79.57	89.72	96.12	109.47
1100	39.25	45.91	52.61	58.74	68.34	74.76	80.91	92.39	101.99	112.15
1150	40.85	48.05	54.46	60.88	70.76	78.49	86.26	96.66	106.28	114.82
1200	42.17	49.66	57.41	64.61	71.57	81.17	90.25	101.48	112.15	122.83
1250	44.08	52.64	61.42	69.95	75.93	86.19	94.79	107.26	118.37	130.40
1300	46.00	55.62	65.42	75.29	80.29	91.21	99.33	113.04	124.60	137.96
1350	47.92	58.60	69.43	80.64	84.65	96.23	103.87	118.82	130.83	145.52
1400	49.83	61.58	73.43	85.98	89.01	101.25	108.41	124.60	137.06	153.09
1450	51.75	64.57	77.44	91.32	93.37	106.27	112.94	130.38	143.29	160.65
1500	53.67	67.55	81.45	96.66	97.73	111.29	117.48	136.17	149.51	168.21

ACDR-RAL										
Θυρίδα βαμμένη access door in RAL colour										
	100	125	150	200	250	300	350	400	450	500
200	25.68	25.68	25.68	26.49						
250	25.68	25.68	25.68	27.01	29.68					
300	25.68	25.68	26.20	29.68	31.82	33.97				
350	25.68	27.01	28.87	30.75	33.97	36.64	38.77			
400	27.56	29.68	31.82	33.67	36.09	38.77	42.51	47.31		
450	30.75	31.82	32.62	35.83	38.77	41.98	47.31	51.84	56.38	
500	32.90	33.97	36.35	38.49	41.44	45.17	49.45	53.70	59.29	66.65
550	33.43	34.48	37.16	39.30	42.24	46.24	51.56	56.41	64.73	70.56
600	36.09	37.70	38.77	41.98	45.17	49.96	54.23	60.35	67.49	74.70
650	36.89	38.36	39.70	43.32	47.05	51.04	55.64	62.74	68.97	77.04
700	37.70	39.03	40.63	44.65	48.92	52.17	57.05	65.12	70.45	79.37
750	38.77	40.37	42.24	46.78	51.06	57.37	64.19	72.08	81.22	90.79
800	40.10	41.98	43.57	50.77	57.48	65.53	72.15	77.98	86.72	93.15
850	41.17	43.70	45.04	52.91	59.81	69.00	75.95	82.76	92.44	100.57
900	42.24	45.43	46.52	55.05	62.13	72.47	79.75	87.55	98.17	107.99
950	43.57	47.98	51.85	59.05	65.13	76.08	84.35	93.71	104.18	114.06
1000	44.91	50.52	57.19	63.06	68.14	79.68	88.96	99.87	110.19	120.13
1050	45.97	52.13	58.80	64.39	74.86	82.76	91.55	103.04	111.38	126.21
1100	47.04	53.70	60.40	66.80	77.83	85.86	93.37	106.25	117.91	129.62
1150	48.64	55.84	62.25	69.20	80.57	89.99	99.18	111.02	122.85	133.04
1200	49.96	57.45	65.20	73.18	81.71	93.05	103.63	116.39	129.36	141.77
1250	51.87	60.43	69.21	78.78	86.39	98.48	108.64	122.71	136.26	150.07
1300	53.79	63.41	73.21	84.37	91.07	103.91	113.65	129.02	143.15	158.37
1350	55.71	66.39	77.29	89.97	95.75	109.34	118.66	135.34	150.05	166.67
1400	57.62	69.37	81.50	95.56	100.43	114.77	123.67	141.66	156.94	174.97
1450	59.54	72.36	85.71	101.15	105.11	120.20	128.68	147.98	163.84	183.27
1500	61.46	75.34	89.93	106.75	109.79	125.63	133.69	154.29	170.73	191.57



B: 32mm, 19mm

CG

τάπα closed air grille

	100	125	150	200	250	300	350	400	450	500
200	12.86	12.86	12.86	13.43						
250	12.86	12.86	12.86	13.81	15.73					
300	12.86	12.86	13.23	15.73	17.27	18.80				
350	12.86	13.81	15.16	16.50	18.80	20.74	22.26			
400	14.20	15.73	17.27	18.61	20.33	22.26	24.95	28.40		
450	16.50	17.27	17.85	20.16	22.26	24.56	28.40	31.65	34.93	
500	18.03	18.80	20.53	22.07	24.18	26.86	29.94	33.00	36.84	41.83
550	18.42	19.18	21.10	22.64	24.76	27.63	31.46	34.93	40.29	44.14
600	20.33	21.49	22.26	24.56	26.86	30.30	33.39	37.22	41.83	46.43
650	20.91	21.97	22.94	25.53	28.20	31.09	34.06	38.38	42.40	47.60
700	21.49	22.45	23.61	26.49	29.55	31.86	34.73	39.52	42.99	48.74
750	22.26	23.41	24.76	28.01	31.09	35.31	39.52	44.52	50.27	56.41
800	23.22	24.56	25.71	30.88	35.70	40.87	44.91	48.37	53.73	57.57
850	23.99	25.82	26.76	32.42	37.22	43.08	47.30	51.42	57.38	62.37
900	24.76	27.06	27.84	33.96	38.75	45.29	49.70	54.49	61.02	67.17
950	25.72	28.88	31.67	36.84	40.69	47.59	52.66	58.52	64.85	71.01
1000	26.68	30.71	35.50	39.72	42.60	49.88	55.64	62.57	68.70	74.83
1050	27.43	31.86	36.65	40.69	47.20	51.81	57.18	64.47	69.07	78.67
1100	28.20	33.00	37.81	42.22	49.13	53.73	58.15	66.40	73.29	80.59
1150	29.37	34.54	39.15	43.76	50.84	56.41	61.98	69.74	76.37	82.51
1200	30.30	35.70	41.26	46.43	51.44	58.34	64.86	72.92	80.59	88.26
1250	31.68	37.84	44.14	50.27	54.57	61.94	68.12	77.08	85.06	93.70
1300	33.07	39.97	47.01	54.12	57.71	65.54	71.38	81.23	89.55	99.14
1350	34.43	42.11	49.88	57.95	60.83	69.16	74.63	85.39	94.02	104.58
1400	35.82	44.26	52.77	61.79	63.97	72.75	77.90	89.55	98.49	110.01
1450	37.19	46.40	55.65	62.57	69.47	76.37	81.16	93.70	102.97	115.44
1500	38.55	48.53	58.52	65.68	72.82	79.98	84.43	97.87	107.45	120.88

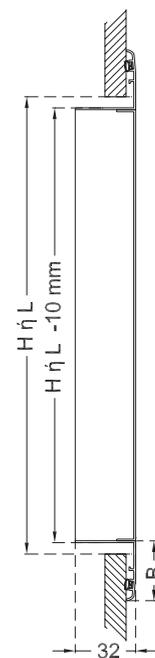
CG CG-RAL



CG-RAL

τάπα βαμμένη closed air grille in RAL colour

	100	125	150	200	250	300	350	400	450	500
200	21.04	21.04	21.04	21.61						
250	21.04	21.04	21.04	21.99	23.90					
300	21.04	21.04	21.42	23.90	25.44	26.98				
350	21.04	21.99	23.33	24.67	26.98	28.91	30.44			
400	22.39	23.90	25.44	26.77	28.51	30.44	33.12	36.59		
450	24.67	25.44	26.04	28.34	30.44	32.75	36.59	39.83	43.10	
500	26.21	26.98	28.71	30.24	32.36	35.05	38.12	41.18	45.02	50.02
550	26.61	27.37	29.28	30.82	32.93	35.82	39.64	43.10	48.48	52.32
600	28.51	29.67	30.44	32.75	35.05	38.49	41.56	45.41	50.02	54.62
650	29.08	30.15	31.11	33.70	36.39	39.27	42.23	46.55	50.59	55.77
700	29.67	30.62	31.78	34.66	37.73	40.04	42.91	47.71	51.17	56.92
750	30.44	31.59	32.93	36.19	39.27	43.49	47.71	52.70	58.45	64.59
800	31.39	32.75	33.88	39.06	43.87	49.05	53.09	56.54	61.91	65.74
850	32.16	33.99	34.95	40.60	45.41	51.26	55.48	59.60	65.56	70.55
900	32.93	35.22	36.00	42.14	46.94	53.47	57.87	62.67	69.19	75.35
950	33.89	37.06	39.84	45.02	48.86	55.76	60.84	66.70	73.03	79.18
1000	34.86	38.88	43.67	47.90	50.78	58.06	63.82	70.74	76.88	83.02
1050	35.62	40.04	44.84	48.86	55.38	59.98	65.36	72.66	77.25	86.84
1100	36.39	41.18	45.98	50.40	57.29	61.91	66.33	74.58	81.48	88.77
1150	37.53	42.72	47.32	51.94	59.03	64.59	70.17	77.64	84.56	90.77
1200	38.49	43.87	49.43	54.62	59.62	66.51	73.04	81.10	88.77	97.10
1250	39.86	46.00	52.32	58.45	62.74	70.12	76.30	85.26	93.58	103.08
1300	41.25	48.16	55.19	62.29	65.89	73.72	79.56	89.42	98.49	109.07
1350	42.61	50.29	58.07	66.13	69.01	77.34	82.82	93.93	103.42	115.03
1400	43.99	52.44	60.95	69.96	72.15	80.94	86.09	98.49	108.34	121.01
1450	45.38	54.58	63.82	70.73	77.63	84.55	89.34	103.08	113.27	126.99
1500	46.74	56.72	66.70	73.85	81.00	88.15	92.87	107.65	118.19	132.97



B: 32mm, 19mm



ΚΙΝΗΤΗΡΑΣ/ACTUATOR

ΚΙΝΗΤΗΡΑΣ/ELECTRIC ACTUATOR

Κινητήρας ON/OFF 220V-5Nm	LM230A	109.00
Κινητήρας ON/OFF 220V-5Nm + 1x SPDT	1LM230A-S	128.00
Κινητήρας ON/OFF 220V-10Nm	NM230A	136.00
Κινητήρας ON/OFF 220V-20Nm	SM230A	161.00
Κινητήρας ON/OFF 24V-5Nm	LM24A	112.00
Κινητήρας ON/OFF 24V-10Nm	NM24A	137.00
Κινητήρας ON/OFF 24V-20Nm	SM24A	157.00
Κινητήρας ΑΝΑΛΟΓΙΚΟΣ 220V-5Nm	LM230ASR	192.00
Κινητήρας ΑΝΑΛΟΓΙΚΟΣ 220V-10Nm	NM230ASR	240.00
Κινητήρας ΑΝΑΛΟΓΙΚΟΣ 220V-20Nm	SM230ASR	270.00
Κινητήρας ΑΝΑΛΟΓΙΚΟΣ 24V-5Nm	LM24A-SR	160.00
Κινητήρας ΑΝΑΛΟΓΙΚΟΣ 24V-10Nm	NM24A-SR	209.00
Κινητήρας ΑΝΑΛΟΓΙΚΟΣ 24V-20Nm	SM24A-SR	240.00

ΘΕΡΜΟΣΤΑΤΗΣ/THERMOSTAT

Θερμοστάτης για κινητήρα ON/OFF	RTR-E6732	40.00
Θερμοστάτης για κινητήρα ΑΝΑΛΟΓΙΚΟ	DBTA-993	113.00

ΠΟΤΕΝΣΙΟΜΕΤΡΟ/POTENSIOMETER

Ποτενσιόμετρο ΕΠΙΤΟΙΧΟ για αναλογικό κινητήρα	SGR24	95.00
Ποτενσιόμετρο ΠΙΝΑΚΑ για αναλογικό κινητήρα	SGF24	70.00



ΠΟΤΕΝΣΙΟΜΕΤΡΟ
POTENSIOMETER

GRM-1

πλακέτα διέλευσης καλωδίων με βουρτσάκι και πορτάκι
metal grommet with single brush and lid

	100	150	200	250	300	350	400	450	500	550	600	650
100	22.23	26.66	31.10	35.55	40.00	44.45	48.88	53.33	57.77	62.23	66.67	71.10
110	23.80	28.60	33.30	38.00	42.80	47.60	52.45	57.00	61.80	66.65	71.30	76.10
120	25.45	30.50	35.55	40.00	45.80	51.00	56.00	61.00	66.20	71.25	76.30	81.40

GRM-1/2 GRM-1/2-RAL



GRM-1



GRM-2

GRM-1-RAL

πλακέτα διέλευσης καλωδίων με βουρτσάκι και πορτάκι βαμμένο
metal grommet with single brush and lid in RAL colour

	100	150	200	250	300	350	400	450	500	550	600	650
100	33.23	37.36	42.10	46.55	51.00	55.45	59.88	68.88	73.32	77.78	82.22	86.65
110	34.80	39.60	44.30	49.00	53.80	58.60	63.45	72.50	77.30	82.15	86.80	91.60
120	36.45	41.50	46.55	51.00	56.80	62.00	67.00	76.50	81.70	86.75	91.80	96.90

GRM-2

πλακέτα διέλευσης καλωδίων με διπλό βουρτσάκι
metal grommet with dual brush

	100	150	200	250	300	350	400	450	500	550	600	650
100	22.23	26.66	31.10	35.55	40.00	44.45	48.88	53.33	57.77	62.23	66.67	71.10
110	23.80	28.60	33.30	38.00	42.80	47.60	52.45	57.00	61.80	66.65	71.30	76.10
120	25.45	30.50	35.55	40.00	45.80	51.00	56.00	61.00	66.20	71.25	76.30	81.40

GRM-2-RAL

πλακέτα διέλευσης καλωδίων με διπλόβουρτσάκι βαμμένο
metal grommet with dual brush in RAL colour

	100	150	200	250	300	350	400	450	500	550	600	650
100	33.23	37.36	42.10	46.55	51.00	55.45	59.88	68.88	73.32	77.78	82.22	86.65
110	34.80	39.60	44.30	49.00	53.80	58.60	63.45	72.50	77.30	82.15	86.80	91.60
120	36.45	41.50	46.55	51.00	56.80	62.00	67.00	76.50	81.70	86.75	91.80	96.90





Πιστοποιητικό

Ελεγκτικό πρότυπο **ISO 9001:2008**

Αριθμός Πιστοποιητικού 01 100 025854

TÜV Rheinland Cert GmbH πιστοποιεί:

Κάτοχος
πιστοποιητικού:



ΣΤΟΜΙΑ ΚΛΙΜΑΤΙΣΜΟΥ

AIR GRILLES – Ι. ΛΙΟΛΗ & ΣΙΑ Ο.Ε.

Λεωφόρος Αγίας Μαρίνας 23
194 00, Κορωπί Αττικής
ΕΛΛΑΔΑ

Πεδίο εφαρμογής:

Κατασκευή και εμπορία στομίων κλιματισμού, φίλτρων,
πολύφυλλων διαφραγμάτων και κουτιών

Μέσω επιθεώρησης με Αριθμό Έκθεσης 025854 αποδείχθηκε,
ότι πληρούνται οι απαιτήσεις του ISO 9001:2008.

Ημερομηνία επόμενου ανεξάρτητου ελέγχου 06-04 (dd.mm).

Ισχύς:

Το παρόν Πιστοποιητικό ισχύει από 2012-09-19 έως
2015-04-06.

Πρώτη πιστοποίηση: 2003

2012-09-26


TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln



DGA-ZM-58-95-00

Certificate

Standard **ISO 9001:2008**

Certificate Registr. No. 01 100 025854

TÜV Rheinland Cert GmbH certifies:

Certificate Holder:



ΣΤΟΜΙΑ ΚΑΙΜΑΤΙΣΜΟΥ

AIR GRILLES - I. LIOLI & SIA O.E.
23 AGIAS MARINAS AVE.
194 00, KOROPI ATTIKIS
GREECE

Scope:

MANUFACTURING AND SALES OF AIR GRILLES,
FILTERS, VOLUME DAMPERS AND PLENUMS

An audit was performed, Report No. 025854. Proof has been furnished that the requirements according to ISO 9001:2008 are fulfilled.
The due date for all future audits is 06-04 (dd.mm).

Validity:

The certificate is valid from 2012-09-19 until 2015-04-06.
First certification 2003

2012-09-26

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln



DGA-ZM-58-95-00





Ι . Λ Ι Ο Λ Η & Σ Ι Α Ο . Ε .

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