

50 years of experience at the service of our customers

OUR ADDED VALUE



SPEED AND FLEXIBILITY

Allow us to deliver any order, including special orders, as rapidly as possible, in Italy and abroad.



QUALITY AND CERTIFICATIONS

The quality of our processes and products is one of our strengths, thanks to a guaranteed production chain, certified according to the Standards ISO 9001 and Eurovent.



GREEN PHILOSOPHY

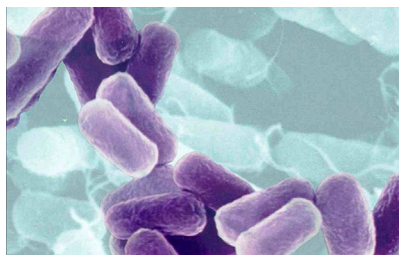
Our R&D is constantly committed to improve our product "performance", in order to offer advanced solution in a context of environmental and economic sustainability.

BENEFITS OF INDOOR AIR QUALITY



IMPROVED EFFICIENCY

Research shows that an optimal indoor air quality improves the productivity of the staff, also improving concentration and response in stressful situations.



REDUCED RISK OF INFECTIONS

Studies show that 80-90% of surgical infections depend on a "bad" air quality. An efficient filtration system and an optimal IAQ translated into a reduced risk of infection and thus reduced hospital costs.



LOWER COSTS

For example, to tackle an infection due to the Aspergillus niger mushroom, millions of Euro are spent every year in drugs; this amount could be in part saved thanks to a correct air filtration.

THE 9 AIR PURITY CLASSES

Maximum number of particles in the air (per cubic meter with $dm = 0 >$ with respect to the items specified)

CLASS	> 0.1 μm	> 0.2 μm	> 0.3 μm	> 0.5 μm	> 0.1 μm	> 0.5 μm	old class fed std 209 e
ISO CLASS 1	10	2					
ISO CLASS 2	100	24	10	4			
ISO CLASS 3	1.000	237	102	35	8		1
ISO CLASS 4	10.000	2.370	1.020	352	83		10
ISO CLASS 5	100.000	23.700	10.200	3.520	832	29	100
ISO CLASS 6	1.000.000	237.000	102.000	35.200	8.320	293	1.000
ISO CLASS 7				352.000	83.200	2.930	10.000
ISO CLASS 8				3.520.000	832.000	29.300	100.000
ISO CLASS 9				35.200.000	832.000	293.000	1.000.000

Standard ISO 14644-1 is based on the use of the quantity of sampled air expressed metric values (cubed meter) rather than imperial units (CFM), which have always been used to characterized the controlled contamination environments and areas. 9 air purity classes and 6 particle sizes with size comprised between 0.1 and 5 μm have been identified.



GENERAL FILTER
ITALIA | Air quality experts

GENERALFILTER HEADQUARTERS

Via Emilia, 23
31038 Paese (TV), Italia
Tel +39 0422 4594
Fax +39 0422 459590
www.generalfilter.com
info@generalfilter.com

GENERALFILTER ITALIA

Via Morgagni, 40 int. 7/8
20005 Pogliano Milanese (MI), Italia
Tel +39 02 93550640
Fax +39 02 93255670
Italia: sales.ita@generalfilter.com
Estero: sales.int@generalfilter.com

GENERALFILTER FRANCE

Zone Artisanale de Fontgrave
90 chemin Guy Aubert
26740 Montboucher-Sur-Jabron,
France
Mob +33 645587639
Tel +33 987876598
Fax +33 987876599
r.meucci@generalfilter.fr

GENERALFILTER IBERICA

C/Cabo Ortegal, nrs. 3-5 La Poveda
28500 Arganda del Rey,
Madrid
Tel +34 91 8719046
Fax +34 91 8719054
gefisa@generalfilter.com

GENERAL FILTER HAVAK A.Ş

Generalfilter Havak Filtre San. Ve Tic A.Ş.
Orhangazi Mah. İSİSO Sanayi Sitesi 19. Yol
Sk. No:2, Esenyurt 34538 İstanbul - Turkey
Tel. +90 212 6230074
Fax. +90 212 6230076
E-mail: info@generalfilterhavak.com



GENERAL FILTER
ITALIA | *Air quality experts*

TAR

GENERALFILTER

Since 1965, at your service to improve air quality



GeneralFilter, with over 50 years of experience in the filtration field, is capable of providing and guaranteeing the best technical and managerial solutions in the Indoor Air Quality (IAQ) field.

We produce a complete range of filters, from ISO Coarse to U15 efficiency class, plus filtration accessories and systems. We offer the certified guarantee of a customised service, where quality, flexibility and customer-oriented production are our stepping stones.

We believe we can improve our environment day by day, certain that the air we breathe is a precious asset. This is why we continue to invest in research & development, certifications and human resources, by focusing on sustainability and environmental comfort in our daily efforts.

GENERALFILTER'S CERTIFICATIONS



Year after year, we are increasingly focused on our production process, to offer the best quality experience possible to our customers.

We select our suppliers among the leading companies in the related fields, and we have been complying with Standard ISO 9001 since 1999.



Our attention for the environment and for energy savings, combined to our will to guarantee quality and transparency, led us to achieve the Eurovent certification. This certification ensures that our products are compliant with European and international Standards.

FILTER TERMINAL TAR-P

ELEMENTS AND SYSTEMS



GENERAL FEATURES:

Support structure: anodised aluminium with thermoformed plastic upper plenum capable of housing absolute laminar flow filters.

Diffuser: Perforated anodised aluminium diffuser for unidirectional flows or helical for high induction flows.

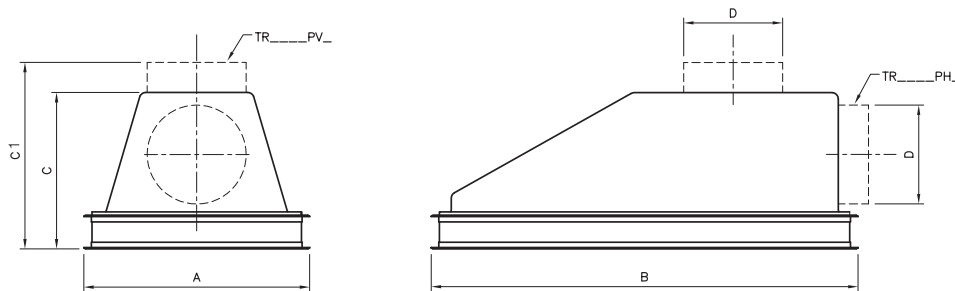
Air inlet: aluminium side collar (option H) or vertical (option V) without adjustment damper (option S) or with adjustment damper (option C). In this case, for the version with side entry, the adjustment can be made from the sterile room.

Perfect seal: guaranteed by the one-piece construction of the filter stop surface.

Check system: it is possible to carry out periodic on-site tests from inside the sterile room through a connection connection to the terminal, carrying out both leak tests and filter clogging level tests (measurement of pressure drops).

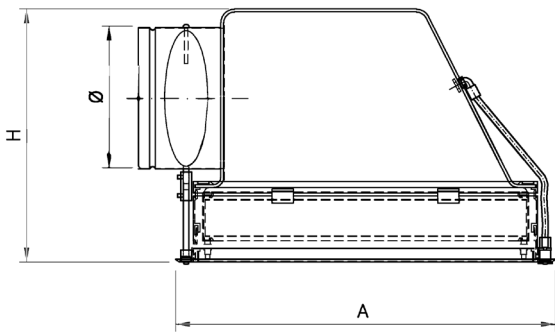
APPLICATIONS:

- Controlled contamination rooms, clean rooms, hospital wards.
- Sterile rooms where laminar or turbulent air flow is required.

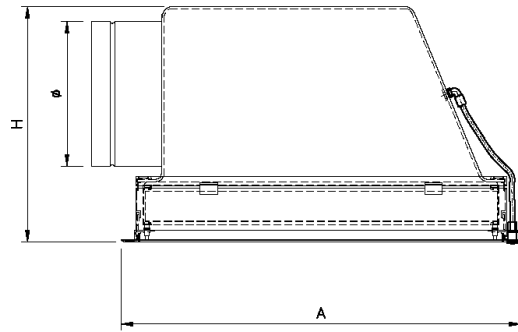


Code	external dimensions A x B x C/C1 D (mm)	LAM dimensions (mm)
TR1818PVS	532 x 532 x 404 Ø 200	457 x 457 x 68
TR2424PVS	685 x 685 x 455 Ø 250	610 x 610 x 68
TR2448PVS	685 x 1.294 x 525 Ø 250	610 x 1.219 x 68
TR1818PHS/TR1818PHC	532 x 532 x 344 Ø 200	457 x 457 x 68
TR2424PHS/TR2424PHC	685 x 685 x 404 Ø 250	610 x 610 x 68
TR2448PHS/TR2448PHC	685 x 1.294 x 474 Ø 250	610 x 1.219 x 68
TR1818PVC	532 x 532 x 464 Ø 200	457 x 457 x 68
TR2424PVC	685 x 685 x 524 Ø 250	610 x 610 x 68
TR2448PVC	685 x 1.294 x 594 Ø 250	610 x 1.219 x 68

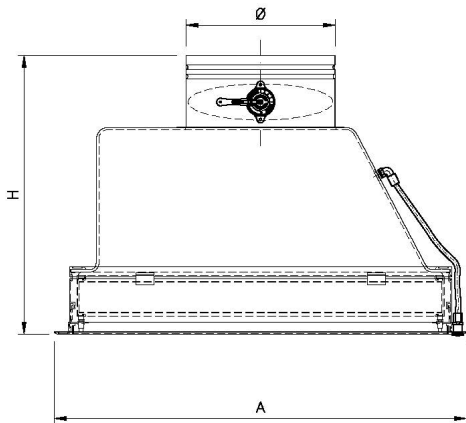
Horizontal version with local damper control



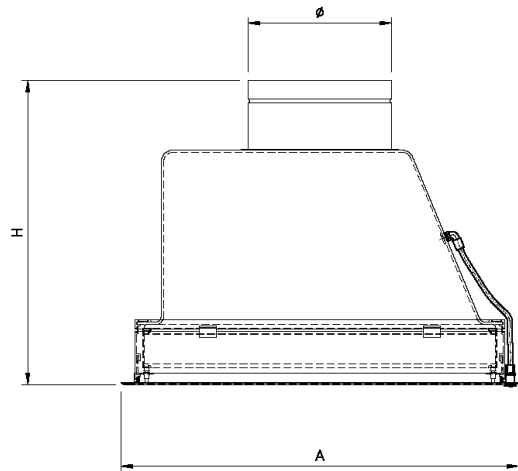
Horizontal version without local damper control



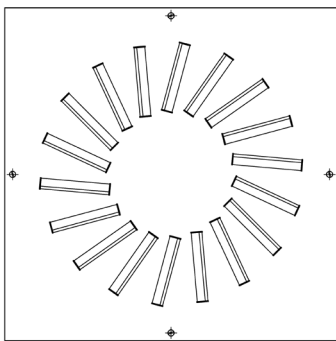
Vertical version with damper control from technical compartment



Vertical version without damper control from technical compartment

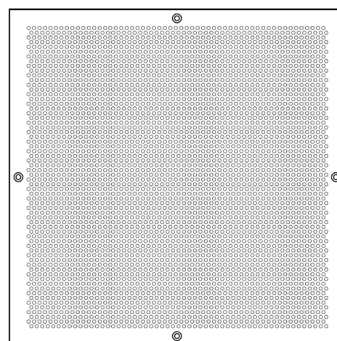


Helical diffusor



Only available on equal A x B dimensions

Perforated sheet metal



FILTER TERMINAL TAR-M

ELEMENTS AND SYSTEMS



GENERAL FEATURES:

Load-bearing structure: in anodised aluminium with upper steel plenum capable of housing absolute laminar flow filters.

Diffuser: Perforated anodised aluminium diffuser for unidirectional flows or helical for high induction flows

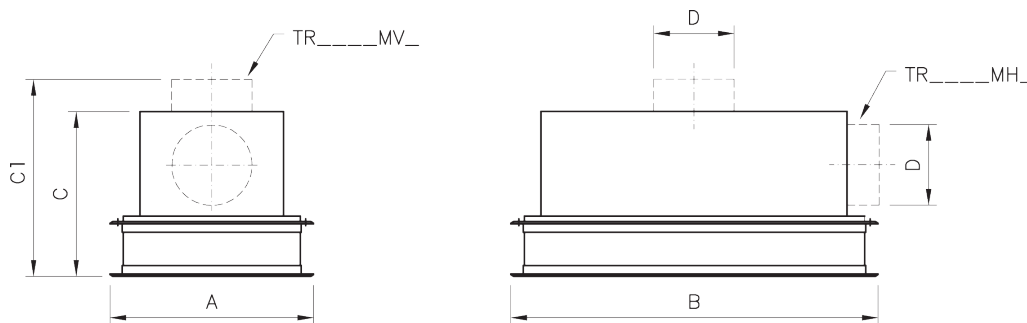
Air inlet: side collar (option H) or vertical (option V) without adjustment damper (option S) or with adjustment damper (option C). In this case, for the version with side entry, the adjustment can be made from the sterile room.

Perfect seal: ensured by the conformation of the filter housing and by the stainless steel locking system.

Check system: it is possible to carry out periodic on-site tests from inside the sterile room through a connection connection to the terminal, carrying out both leak tests and filter clogging level tests [measurement of pressure drops].

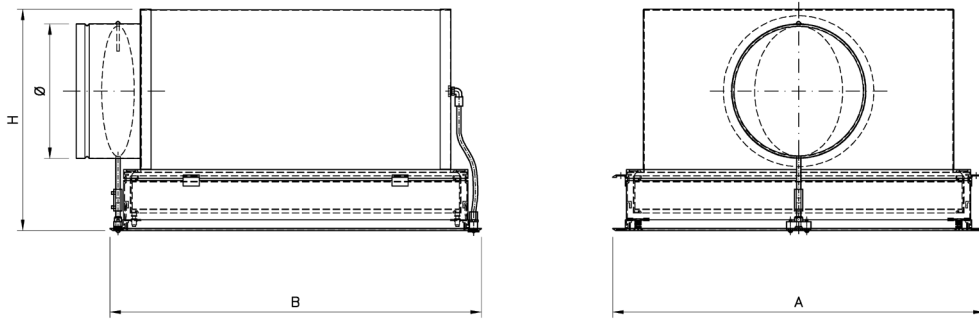
APPLICATIONS:

- Controlled contamination rooms, clean rooms, hospital wards.
- Sterile rooms where laminar or turbulent air flow is required.

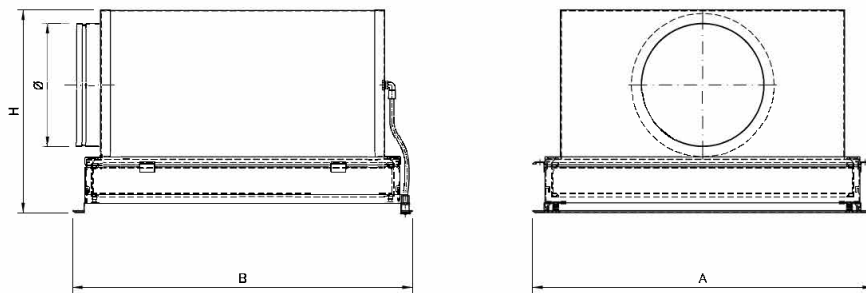


Code	external dimensions A x B x C/C1 D (mm)	LAM dimensions (mm)
TR1212MVS	380 x 380 x 305 Ø 150	305 x 305 x 68
TR1224MVS	380 x 685 x 305 Ø 150	305 x 610 x 68
TR2436MVS	685 x 990 x 305 Ø 250	610 x 914 x 68
TR1212MVC	380 x 380 x 375 Ø 150	305 x 305 x 68
TR1224MVC	380 x 685 x 375 Ø 150	305 x 610 x 68
TR2436MVC	685 x 990 x 375 Ø 250	610 x 914 x 68
TR1212MHS	380 x 380 x 307 Ø 150	305 x 305 x 68
TR1224MHS	380 x 685 x 307 Ø 150	305 x 610 x 68
TR2436MHS	685 x 990 x 407 Ø 250	610 x 914 x 68
TR1212MHC	380 x 380 x 307 Ø 150	305 x 305 x 68
TR1224MHC	380 x 685 x 307 Ø 150	305 x 610 x 68
TR2436MHC	685 x 990 x 407 Ø 250	610 x 914 x 68

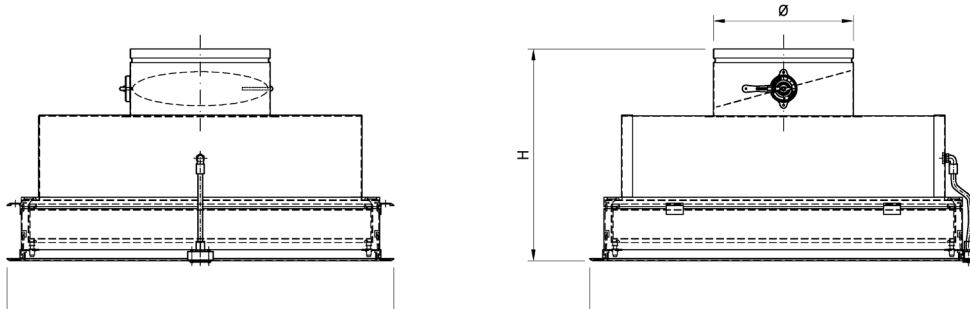
Horizontal version with local damper control



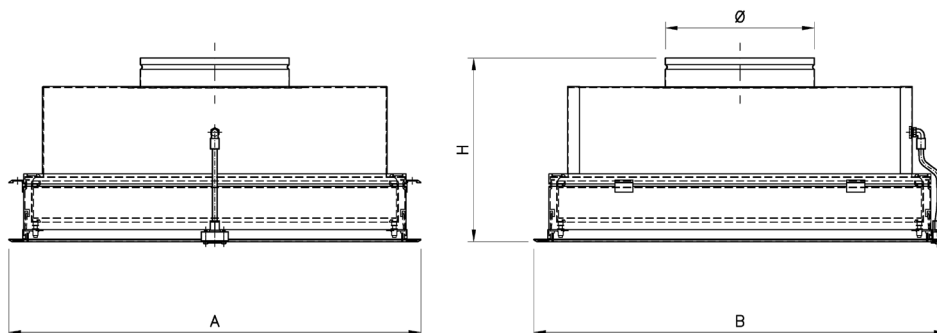
Horizontal version without local damper control



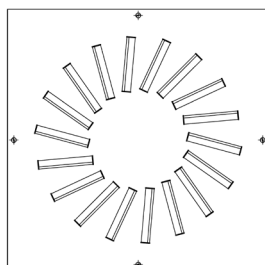
Vertical version with damper control from technical compartment



Vertical version without damper control from technical compartment



Helical diffusor



Perforated sheet metal

