



HEPA filter modules

- » For ceiling installation in clean room technology
- » Casing with clamping mechanism for the HEPA filter
- » Individual casings can be combined into ceiling sections



Content overview

General information	2
Order code	2
Technical data	3
Specification text	3

Detail



HEPA filter module

» Application

HEPA terminal filter units for ceiling installation as final filters (last filter stage) and for air distribution in clean room technology.

Individual casings can be combined into ceiling sections.

Fitting of filter elements for the separation of suspended particles such as aerosols, toxic dusts, viruses, and bacteria from the supply or extract air.

» Material

Casing made of sheet steel, diffuser face plate made of perforated sheet steel with powder coating (RAL 9010).

» Construction

- Type F631: With top entry circular spigot

» Equipment

- Casing with clamping mechanism for a minipleat filter panel as the HEPA filter.
- Pressure measuring points for the monitoring of the differential operating pressure.

» Construction

With or without sealing integrity test facility.

» Associated TROX filter elements

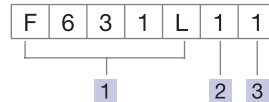
Associated filters must be ordered separately.

Suitable filter elements

» Minipleat filter panels used as HEPA filters (F7/9/././.)

- High-performance filters for the most critical requirements of air purity and sterility.
- Type F780 (E11), Type F781 (H13), Type F782 (H14).
- Construction: Frame made of MDF or extruded aluminium profile with flat section seal or fluid seal.

Order code



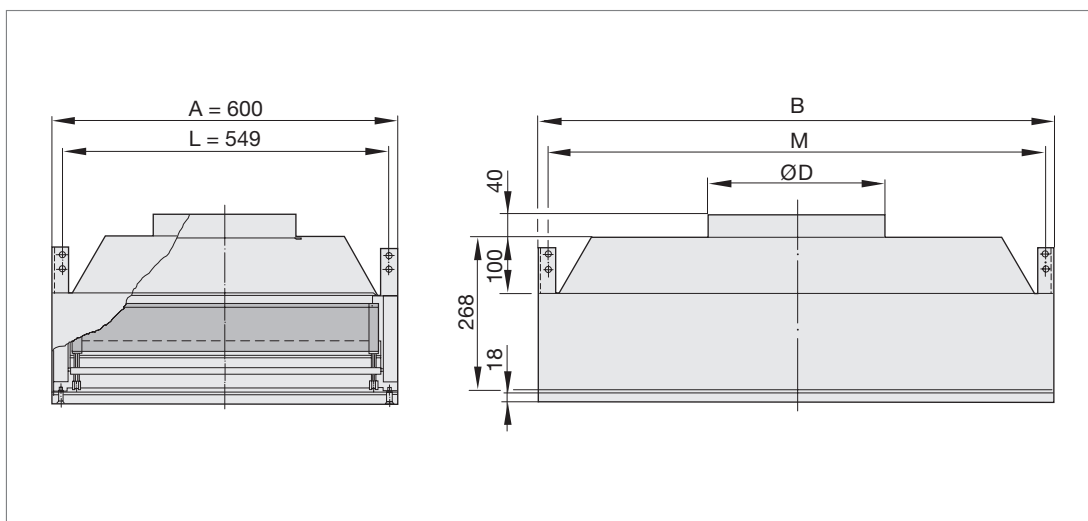
1	Unit type: Type F631L	3	Unit size: 1 - 3
2	Sealing integrity test facility: 0 = Without sealing integrity test facility 1 = With sealing integrity test facility		

Example of HEPA terminal filter unit

- » Unit type: **F631L**
- » With sealing integrity test facility: 1
- » Unit size 600 x 600 mm: **1**

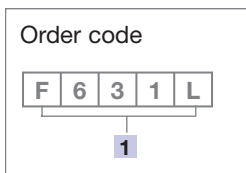
F	6	3	1	L	1	1
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Technical data



Detail drawing 1: HEPA filter module F631

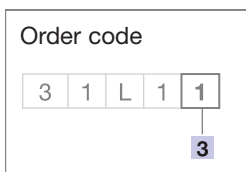
Dimensions of F631 and filter element size



Unit size 3	Filter element size ¹⁾ mm			Nominal volume flow rate		Dimensions in mm					Weight Approx. kg
	B	H	T	l/s	m ³ /h	A	B	L	M	Ø D	
1	535	535	78/91	170	600	600	600	549	549	248	22
2	835	535	78/91	255	900	600	900	549	849	313	27
3	1135	535	78/91	340	1200	600	1200	549	1149	348	32

Table 1: Technical data for F631

1) Minipleat filter panel with flat section seal / minipleat filter panel with fluid seal



All weights are net, without packaging.

Specification text

HEPA filter module F631:

- » HEPA terminal filter units for ceiling installation as final filters (last filter stage) and for air distribution in clean room technology.
- » Individual casings can be combined into ceiling sections.
- » Fitting of filter elements for separation of suspended particles.
- » Casing made of sheet steel, diffuser face plate made of perforated sheet steel with a solid perimeter return edge with powder coating (RAL 9010).
- » With top entry circular spigot.
- » Casing with clamping mechanism for the HEPA filter.
- » Pressure measuring points for the monitoring of the differential operating pressure.

Technical data:

Nominal volume flow rate _____ l/s (m³/h)
 Dimensions of the ducted HEPA filter _____ mm
 Net weight _____ kg
 Order number _____
 Make: TROX

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Filters

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