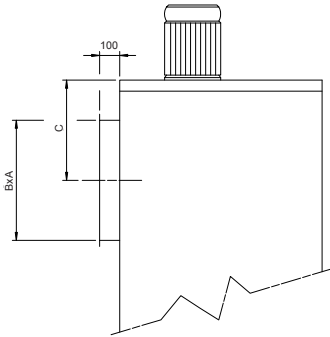
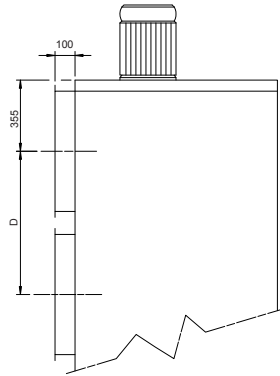


Explosion Relief Panels

SINGLE PANEL LOCATION



DOUBLE PANEL LOCATION



ATEX Certified
Ex II D, under n°
BASEEFA 03 ATEX 0225

Dimensions mm					
Panel type	A	B	C		D
			Z-25	Other sizes	
H1	630	600	600	500	800
H2	1000	600	600	500	800
H3	1000	880	740	640	910

* On units with double panels, the upper panel is always H1 or H2. 25 units only:

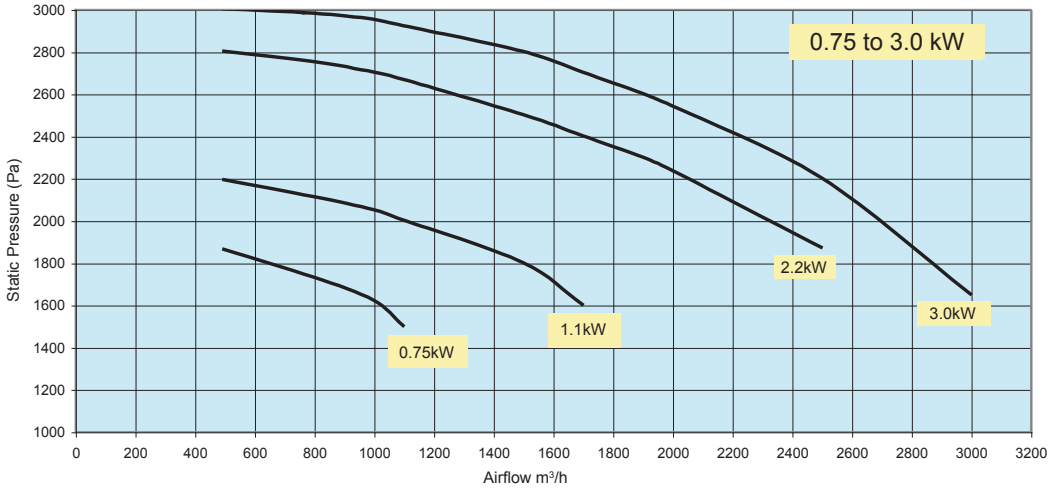
** For Z 7.5 and Z 15 units only C=500

Dust explosion class				
Unit configuration	Unit size	St1	St2	St3
Units with 75 or 150 litre bins	Z - 7.5	1 - Type H1	1 - Type H1	2 - Type H1
	Z - 15	1 - Type H1	2 - Type H1	2 - Type H1
	Z - 25	1 - Type H2	1 - Type H2	1 - Type H3
	Z - 30	1 - Type H2	1 - Type H3	2 - Type H2
	Z - 50	2 - Type H2	2 - Type H2	2 - Type H3
	Z - 60	2 - Type H2	2 - Type H3	4 - Type H2
	Z - 75	3 - Type H2	3 - Type H2	3 - Type H3
	Z - 90	3 - Type H2	3 - Type H3	6 - Type H2
Units with 75 or 150 litre bins and pre-separation section or spark trap	Z - 7.5	1 - Type H1	1 - Type H1	2 - Type H1
	Z - 15	1 - Type H1	2 - Type H1	2 - Type H1
	Z - 25	1 - Type H2	1 - Type H3	2 - Type H2
	Z - 30	1 - Type H2	1 - Type H3	2 - Type H2
	Z - 50	2 - Type H2	2 - Type H3	4 - Type H2
	Z - 60	2 - Type H2	2 - Type H3	4 - Type H2
	Z - 75	3 - Type H2	3 - Type H3	6 - Type H2
	Z - 90	3 - Type H2	3 - Type H3	6 - Type H2
Venting Unit	Z - 7.5	1 - Type H1	1 - Type H1	2 - Type H1
	Z - 15	1 - Type H1	2 - Type H1	2 - Type H1
	Z - 25	1 - Type H1	1 - Type H2	1 - Type H3
	Z - 30	1 - Type H2	1 - Type H2	1 - Type H3
	Z - 50	2 - Type H1	2 - Type H2	2 - Type H3
	Z - 60	2 - Type H2	2 - Type H2	3 - Type H3
	Z - 75	3 - Type H1	3 - Type H2	3 - Type H3
	Z - 90	3 - Type H2	3 - Type H2	3 - Type H3

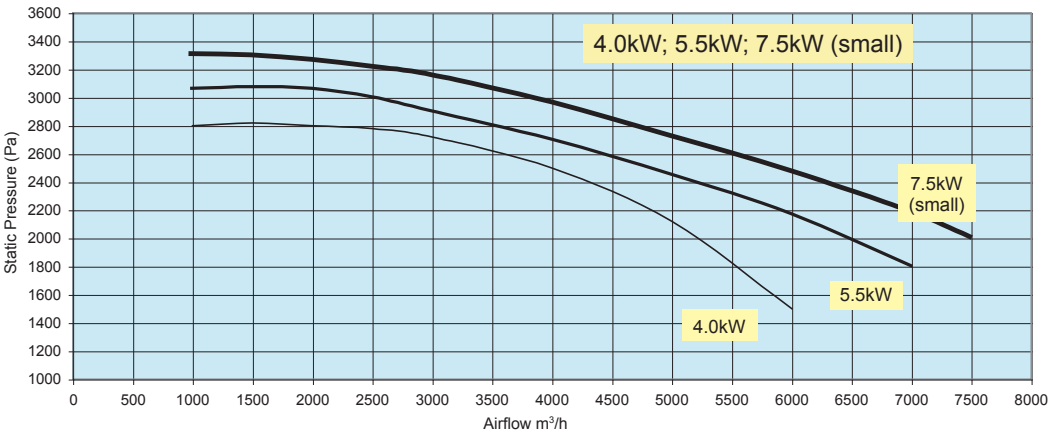
Auto M-Z Filter

Fan Performance

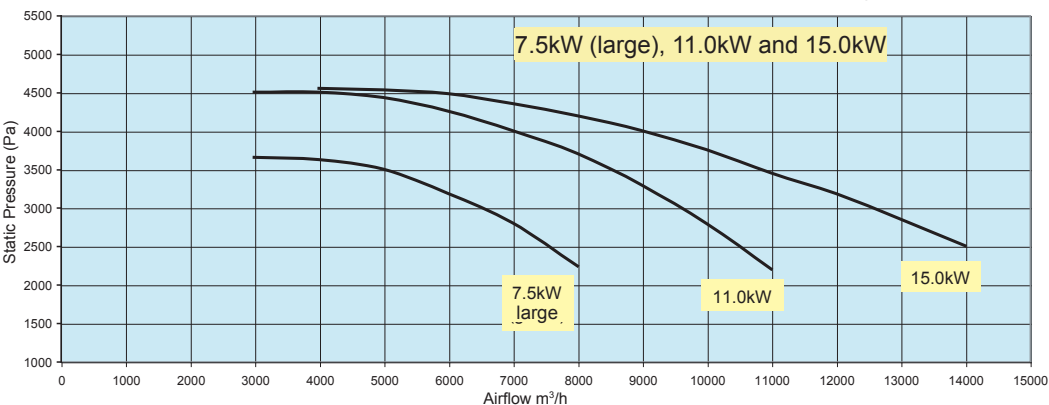
Fan performance, with open outlet, at running speed 2900 Rpm.
Integral fan used on AUTO M-Z.



Fan performance, with open outlet, at running speed 2900 Rpm.
Integral fan used on AUTO M-Z.



Fan performance, with open outlet, at running speed 2900 Rpm.
Integral fan used on AUTO M-Z.



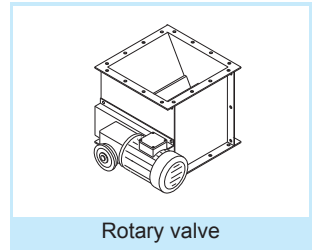
Options

Pre-separation section

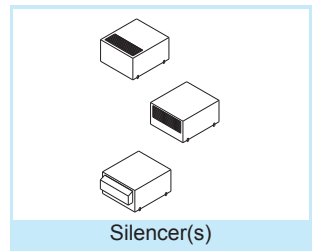


This section fits between the hopper and is delivered as an integral part of the hopper. The inlet may incorporate a spark trap if specified.

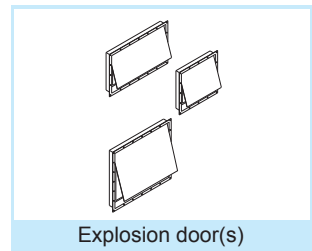
A pre-separation section is beneficial for lightweight dusts, and higher dust loadings, as it provides a greater volume below the filter bag. The pre-separation section increases the total unit height by 390 mm for Z7.5 and Z15 units; by 500 mm for all other units.



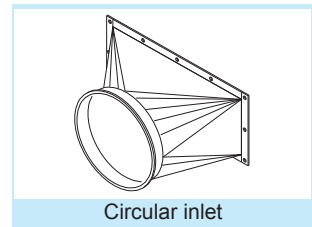
Rotary valve



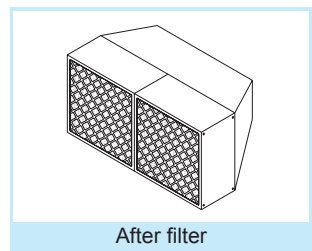
Silencer(s)



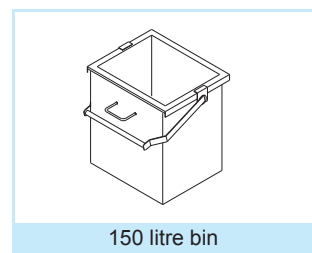
Explosion door(s)



Circular inlet



After filter



150 litre bin

Bin-balance



The bin-balance device balances the pressure between the bin and the clean air section. It enables plastic bin liners to be used to aid the clean disposal of waste. The flexible connecting tube is long enough to enable complete withdrawal of the bin.

Sack tipping unit



This replaces the hopper and is normally mounted over a product hopper that is hand filled. When the hinged door is opened, to empty the contents of a sack, a switch starts the filter fan. When closed again, the fan stops and the cleaning cycle operates after a short delay.

Flange sizes are the same as for Z7.5, Z15, Z25 and Z30 venting units.

Venting unit



This unit has no hopper, but is mounted directly onto the vessel or silo to be ventilated. It is fitted with a mounting flange (not shown in illustration, but sizes detailed below). It may be fan-assisted, as shown, or without fan. In this case the clean air outlet is at the back, with a weather cowl. The fan assisted version should be fitted with a standard silencer and weather cowl for outdoor location. The shaker motor, shown here in optional externally mounted position, is normally located inside the filter body.



FACTS ABOUT NEDERMAN

The Nederman Group is one of the world's leading suppliers of products and solutions within the environmental technology sector, focusing on industrial air filtration and recycling.

Nederman products and solutions contribute to reducing environmental impacts from industrial production and to creating safe and clean working environments whilst boosting production efficiency.

The group's offering covers everything from the design stage through to installation, commissioning and servicing. Nederman has subsidiaries in 29 countries and agents and distributors in over 30 countries.

Nederman is ISO 9001 and 14001 certified. The group develops and produces in its own manufacturing and assembly units in Europe, North America and Asia.

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Nederman

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