

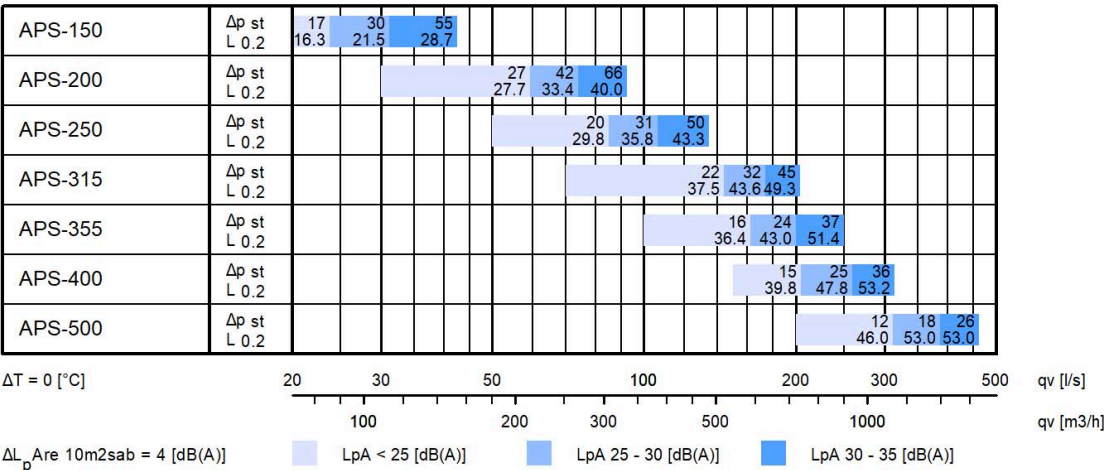
Halton APS – Jet air diffuser



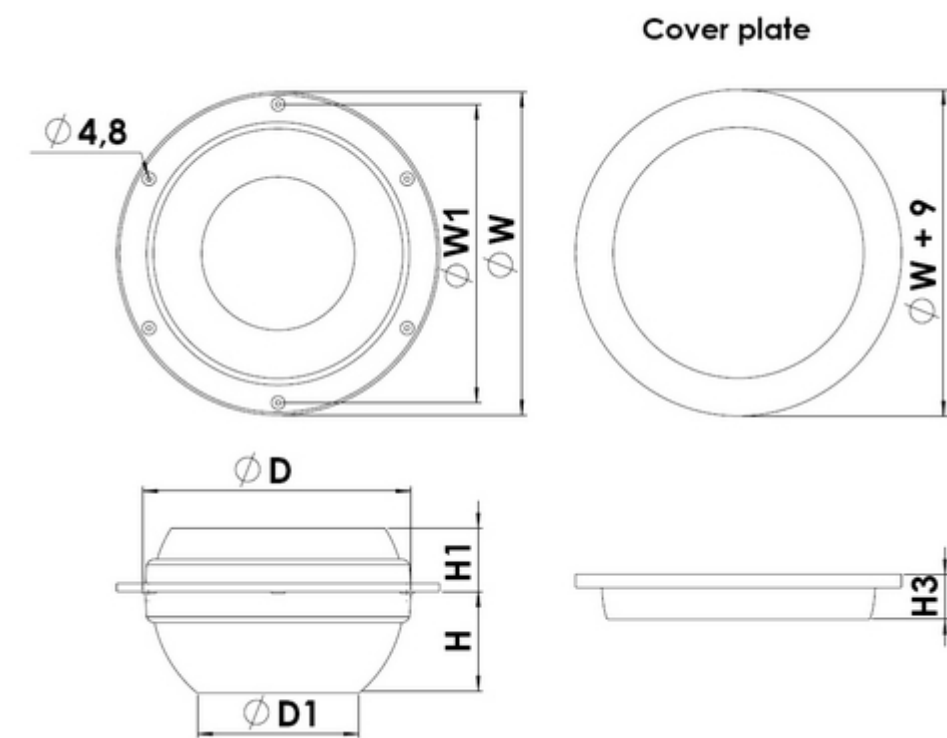
Overview

- Specially designed for large enclosures
- Long throw pattern with low velocity reduction
- Auto-balancing of the duct work due to units high pressure drop
- Directional air pattern; maximum deflection angle of 30° in all directions
- Circular duct connection with rubber gasket
- Corrosion resistant aluminium material
- Architectural design, no visible screws

Quick selection



Dimensions

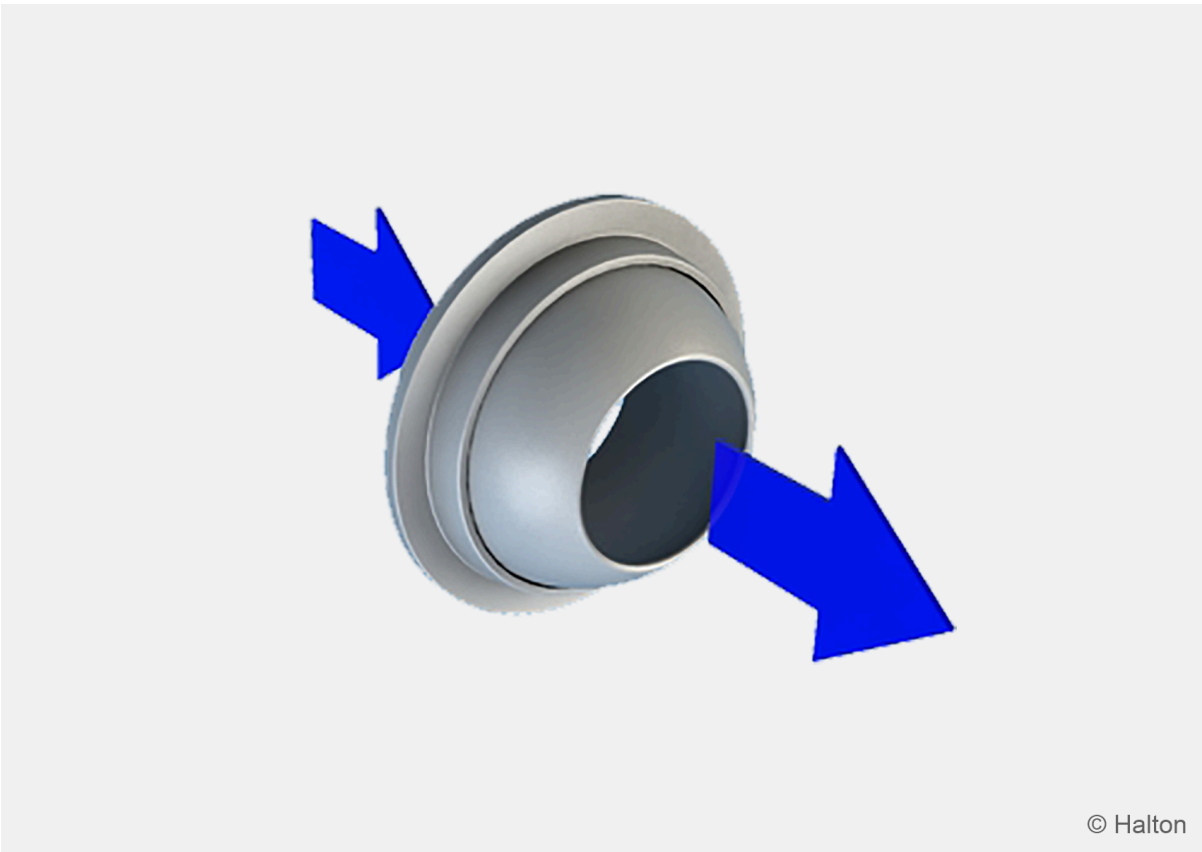


NS	ØW	ØW1	H	H1	ØD	ØD1	H3	Number of mounting holes
150	203	178	52	37	152	76	38	4
200	254	229	79	44	203	111	38	4
250	305	279	102	73	254	146	38	6
315	356	330	114	76	305	187	44	6
355	406	381	140	105	356	219	51	6
400	457	432	156	121	406	248	63	6
450	508	483	190	108	457	267	63	8
500	559	533	194	124	508	314	76	8

Material

Part	Material	Finishing	Note
Deflection ball	Aluminium	Anodised, White (RAL 9003), Polished Aluminium	Special colours available
Mounting frame	Aluminium	Anodised, White (RAL 9003), Polished Aluminium	Special colours available
Cover plate	Aluminium	Anodised, White (RAL 9003), Polished Aluminium	Special colours available
Gasket	Open cell polyester foam		

Function



Supply air is supplied to the space at a high velocity.
The supply air mixes efficiently with the room air, with a high induction effect.
The supply air jet can be directed at an angle of 30° when the angle of roll is 360°.

Installation



Code Description

1. Frame
2. Fixing screws
3. Cover plate

The Halton APS jet nozzle diffuser is fastened to the wall with screws.

Screw the fixing screws into the pre-drilled holes in the front panel.

Install the cover plate on the frame and screw the headless screw located on the cover plate.

Note:

When a connection to the duct is required, an additional part can be supplied (Flange for Halton APL).

Servicing

Remove the cover plate by unscrewing the headless screw.

Remove the diffuser by unscrewing the visible fixing screws.

Clean the parts by wiping them with a damp cloth.

Push the diffuser back into place and screw in the fixing screws.

Push the cover plate and screw it.

Specification

The supply air jet is directional in an angle of 30°, when the angle of roll is 360°.

The diffuser ensures the auto-balancing of the network due to its high pressure drop.

The diffuser ensures a good diffusion for large enclosure.

The jet nozzle is made of heavy aluminium.

The diffuser is either anodised, painted (white, RAL 9003) or polished mill as standard.

The diffuser includes a sealing gasket.

The diffuser should have no visible screws.

Directional adjustment is accurate, accomplished without the use of special tools, and is able to provide 70° of global rotation with minimal restriction of movement.