

S-90-C

Circular displacement diffuser

New design

S-90-C

Description

The S-90-C diffuser is a circular displacement unit for placing on a floor. The body consists of a core section with top and bottom plates and an internal distribution perforated plate with an air volume measuring point. The top, or alternatively the bottom, plate has a circular inlet.

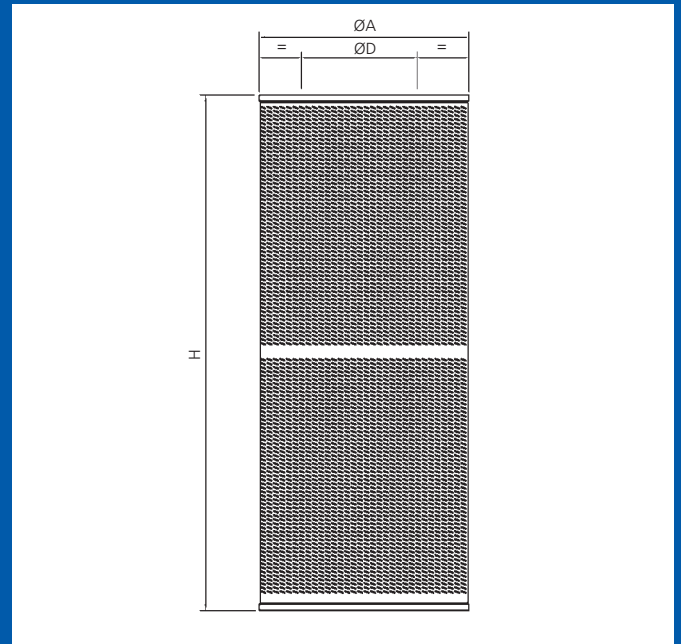
The displacement unit is manufactured in galvanised sheet steel and aluminium profiles. It is coated with white standard paint, RAL 9010. Upon request, the unit is also available in other standard colours. The units are available to order in special dimensions, with reinforced front plates, etc.

Application

The displacement flow unit type S-90-C is utilised as a low velocity unit for comfort conditions in all areas .

It can supply a large air flow at low velocity to the occupied zone and guarantees low-turbulence.

The supply air can enter the space with a temperature difference of -1 to -6° C in relation to the room air. The air spreads out on the floor and is lifted up by convection currents from heat sources.



DIMENSIONS

Model	ØA	ØD	H
125	300	125	600
160	335	160	900
200	375	200	1200
250	430	250	1500
315	495	315	1800
400	580	400	2000
500	680	500	
630	810	630	

QUICK SELECTION TABLE

Model	Air flow - Sound power - Pressure drop			
	m ³ /h (Pa)			
	20 dB (A)	25 dB (A)	30 dB (A)	35 dB (A)
125	171 (10)	204 (14)	243 (19)	290 (28)
160	253 (8)	300 (11)	258 (16)	427 (22)
200	385 (7)	460 (11)	547 (15)	650 (21)
250	580 (7)	690 (10)	825 (14)	980 (20)
315	900 (7)	1065 (9)	1270 (13)	1515 (19)
400	1260 (5)	1500 (7)	1785 (10)	2125 (14)
500	1730 (4)	2050 (5)	2450 (8)	2920 (11)
630	2485 (3)	2960 (4)	3525 (6)	4200 (9)

Mech-Elec UK,
Unit 1, Bretts Farm,
Romford Road,
Aveley,
Essex,
RM15 4XD.



Tel: +44 208133 9745

E-Mail: info@mech-elec.net

Web: <http://www.mech-elec.net>