

## Standard displacement diffuser DD/RE

### Construction and design

Displacement diffusers series DD/RE are built in standard construction, sizes and surface finishes. The casing is made from zinc plated sheet steel with circular inlet spigot.

The surface finish is powder coated RAL 9010 as standard.

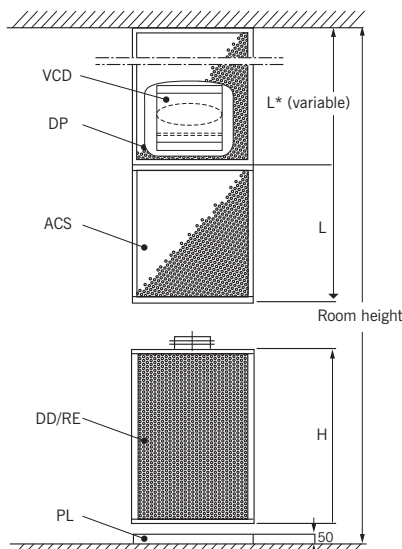
On request the displacement diffusers can be supplied with zinc plated sheet steel surface.

The outer active casing is made from perforated sheet steel plate. An inner baffle casing ensures equal air distribution over the whole surface.

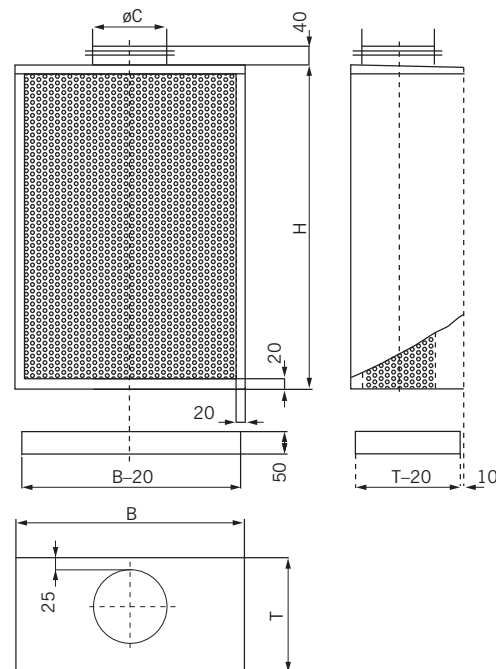
### Accessories

The following accessories are available for standard displacement-diffusers:

- Plinth PL**  
 Supplied loose, finish white (9010) or black (9005)
- Noise reduction unit ACS**  
 Outer casing either from sheet steel or perforated plate
- Decor panel DP**  
 Cover panel for ducting from top of diffuser to ceiling either from sheet steel or perforated plate
- Volume control damper VCD**  
 Damper for setting the air flow rate.



### Dimensions



TYPE DD/RE SIZE	DIMENSIONS MM				
	HEIGHT H	WIDTH B	DEPTH T	SPIGOT C	HEIGHT ACS L
125	500	350	200	125	300
200	800	600	300	200	400
250	900	700	325	250	500
315	1000	850	375	315	600
400	1500	1000	460	400	700
500	2000	1250	560	500	800
630	2000	1500	690	630	900

For displacement diffuser selections please contact our sales office.

Performance data

Standard displacement diffuser (DD)

NOMINAL SIZE (MM)	VOLUME FLOW PER DIFFUSER M <sup>3</sup> /h								TEMPERATURE DIFFERENCE SUPPLY AIR – ROOM AIR °C (COOLING)
	DD/RE		DD/HR		DD/QR		DD/R		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
125	70	290	180	300	110	300	-	-	2 - 6
200	210	720	290	900	180	800	-	-	
250	360	1100	470	1400	290	1200	-	-	
315	550	1600	650	1700	550	1700	540	1300	
400	900	2300	1080	2500	720	2700	1000	2300	
500	1260	3500	1450	3500	1000	3500	1450	3000	
630	1450	6000	2500	5500	1260	5500	2150	5000	

Min – Max flow rate range for each DD diffuser size (Max flow rate is based on a noise level of NR45 and a maximum pressure drop of 80Pa.)