



AFRICA AIRCONDITIONING & INSULATION SYSTEMS

YOUR ONE STOP HVAC SUPPLIER

TECHNICAL CATALOGUE

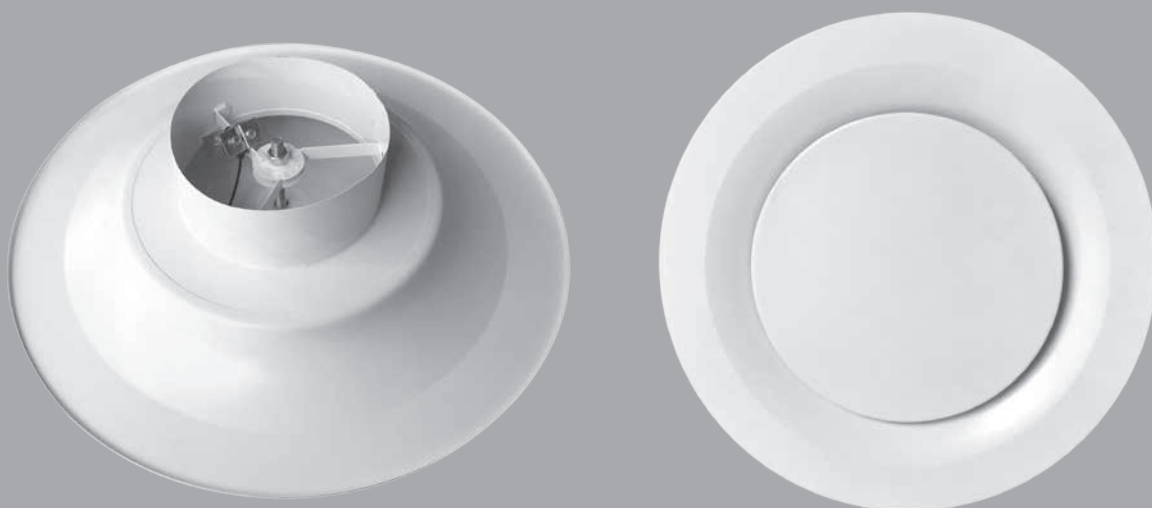
Constant Volume Diffuser
(CVD & CCVD)

CONSTANT VOLUME DIFFUSER

Our steel constant volume diffusers are available in the extensive range to meet most requirements.

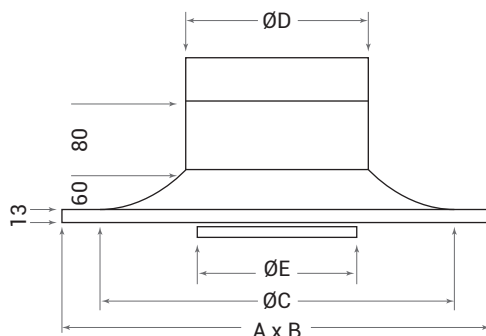
The diffusers are easy to install and with the aesthetically pleasing design and efficient radial air distribution, it is ideal for all environments.

The units are manufactured from steel and powder coated to ensure a finish of the highest quality. The diffusers are available in neck sizes ranging from 150 mm to 350 mm in diameter.



SPIGOT DIAMETER

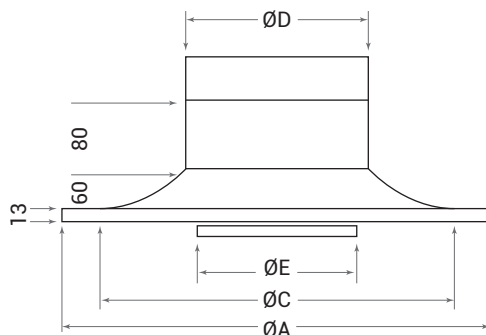
	150 mm		200 mm		250 mm		300 mm		350 mm	
Pressure (Pa)	Flow Rate (m³/s)	Throw (mm)	Flow Rate (m³/s)	Throw (mm)	Flow Rate (m³/s)	Throw (mm)	Flow Rate (m³/s)	Throw (mm)	Flow Rate (m³/s)	Throw (mm)
30	0.1136	750	0.1792	680	0.2134	1100	0.2351	1340	0.2475	1460
40	0.1326	700	0.1822	1080	0.2445	1270	0.2674	1480	0.2851	1760
50	0.1509	760	0.2097	1210	0.2696	1350	0.2940	1530	0.3193	1860
60	0.1660	700	0.2325	860	0.2929	1400	0.3203	1720	0.3483	1865
70	0.1792	840	0.2564	1320	0.3144	1420	0.3437	1710	0.3742	1870



CVD

Constant Volume Diffuser (CVD) Dimensions: Square

MODEL CVD	D DIAMETER (mm)	GRID SIZE	A X B (mm)	C DIAMETER (mm)	E DIAMETER (mm)	FLEXIBLE DUCT (mm)
150	150	600 x 600	595 x 595	460	345	150
200	200	600 x 600	595 x 595	460	345	200
250	250	600 x 600	595 x 595	460	345	250
300	300	600 x 600	595 x 595	460	345	300
350	350	600 x 600	595 x 595	460	345	350



CCVD

Circular Constant Volume Diffuser (CCVD) Dimensions: Round

MODEL CCVD	D DIAMETER (mm)	A DIAMETER (mm)	B DIAMETER (mm)	C DIAMETER (mm)	HOLE DIAMETER (mm)	FLEXIBLE DUCT (mm)
150	150	530	460	345	510	150
200	200	530	460	345	510	200
250	250	530	460	345	510	250
300	300	530	460	345	510	300
350	350	530	460	345	510	350

NB : All dimensions for preparation of apertures must be confirmed with your sales representative prior to the work being done to avoid disappointments.

STOCKIST OF :

- » Grilles & Diffusers
- » Sheet Metal Products
- » Insulation Products
- » Dampers
- » Flexible Ducting
- » Condensate Pumps
- » Fans
- » Adhesives & Sealants
- » Duct Board
- » Aircon Accessories
- » Fibreglass Insulation
- » Closed Cell Insulation
- » Copper Insulation



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