

# DHQ

## Fixed geometry diffuser



## Diffusion

Components  
for perfect air  
distribution in HVAC  
systems



### Product

DHQ

### Application

Ceiling mounted, supply  
Installation height from 2.8m to 4.6m

### Construction

Epoxy powder coated steel white  
RAL 9010

### SPECIFICATION

Fixed geometry pressed diffuser with swirl effect.

### VERSIONS

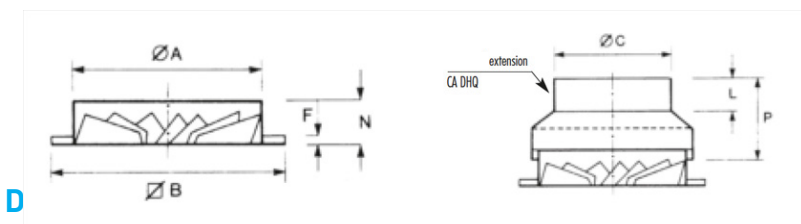
Fixing secured by screws on the diffuser neck or central screw.

### ACCESSORIES

Adapter with equalizer grid, SF butterfly damper on adapter, insulated and non-insulated plenum PCOI/PCOS.

### OPTIONS

Available in 595x595 panel version DHQP and circular version DHQC



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DHQ Model	Ø A	B	C	F	L	N	P
DHQ 125	123	171	98	7	40	50	100
DHQ 160	158	214	123	7	40	50	100
DHQ 200	198	264	148	7	40	50	100
DHQ 250	248	326	178	7	40	50	100
DHQ 315	313	405	198	7	40	50	100
DHQ 400	398	500	248	7	40	50	100

## QUICK SELECTION TABLE

Height (mm)	2,4	2,55	2,7	2,85	3	3,15	3,3	3,45	3,6	3,75	3,9
	2,7	2,9	3,1	3,3	3,5	3,7	3,9	4,1	4,3	4,5	4,7

Noise level Nr dB	< 20	20	23	26	29	32	35	38	41	44	47
Churches, libraries	██████████										
Hospitals		██████████									
Apartments, offices			██████████								
Commercial buildings				██████████							

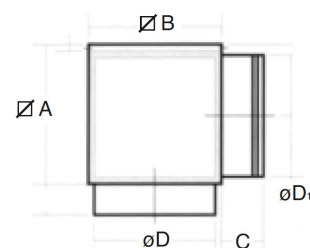
Flow rate (m <sup>3</sup> /h)	60	60	70	80	80	90	100	100	110	120	120
DHQ 125	90	100	120	130	140	150	160	170	180	190	200
DHQ 160	150	160	180	200	210	230	250	270	280	300	320
DHQ 200	230	260	280	310	340	360	390	420	440	470	490
DHQ 250	360	410	450	490	530	570	620	660	720	740	790
DHQ 315	590	660	720	790	860	930	990	1060	1130	1200	1270

Velocity (m/s)	1,3	1,45	1,6	1,75	1,9	2,05	2,2	2,35	2,5	2,65	2,8

Pressure drop (Pa)	10	10	11	12	14	17	21	27	34	43	53

## PLENUM OVERALL DIMENSIONS

	DN	A	B	Ø D INT	Ø D EXT
DHQ 125	125	225	225	127	120
DHQ 160	160	250	250	162	155
DHQ 200	200	300	300	202	195
DHQ 250	250	350	350	252	245
DHQ 315	315	400	400	317	310
DHQ 400	400	500	500	402	395





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## DHQC

### CIRCULAR VERSION

Flow rate (m <sup>3</sup> /h)	Ø A	Ø E	N
DHQC 125	122	171	55
DHQC 160	157	214	55
DHQC 200	197	264	55
DHQC 250	247	326	55
DHQC 315	312	404	55
DHQC 400	397	500	55

