



CPF40 DIFFUSER FOR ISO 8 AREAS



Diffuser suitable for ISO 8 areas

APPLICATION

- Clean air distribution in AHU systems designed with absolute filtration
- Air-tightness class C under negative pressure up to -750 Pa
- Air-tightness class D under positive pressure up to +2000 Pa

Advantages:

- Airtight plenum; class C guaranteed (tested according to EN 15727)
- Adaptable to all cleanroom-specific diffusers
- Compliant with the evolving NF S 90-351 standard for hospital hygiene in risk level 2 areas protected by turbulent airflow: sterilization, endoscopy, intensive care
- Cost-effective

OPERATING PRINCIPLE

This diffuser is specifically designed for cleanroom applications in industrial or hospital environments. It ensures box airtightness and is used where absolute filtration is provided by the Air Handling Units (AHUs).

CONSTRUCTION

- 6/10 steel casing
- Design guarantees air-tightness class C
- Provision for fixing via Ø 8 mm slots
- Flush-mounted diffusers with the perimeter edges of the boxes: white-painted steel RAL 9010

RANGE

Two types of plenum:

- Top circular connection
- Side circular connection

Seven plenum sizes:

- 3.3, 3.6, 6.6, 9.6, 12.6, special FP ceiling (single plate) and 2 FP (double plate)

Compatible diffusers:

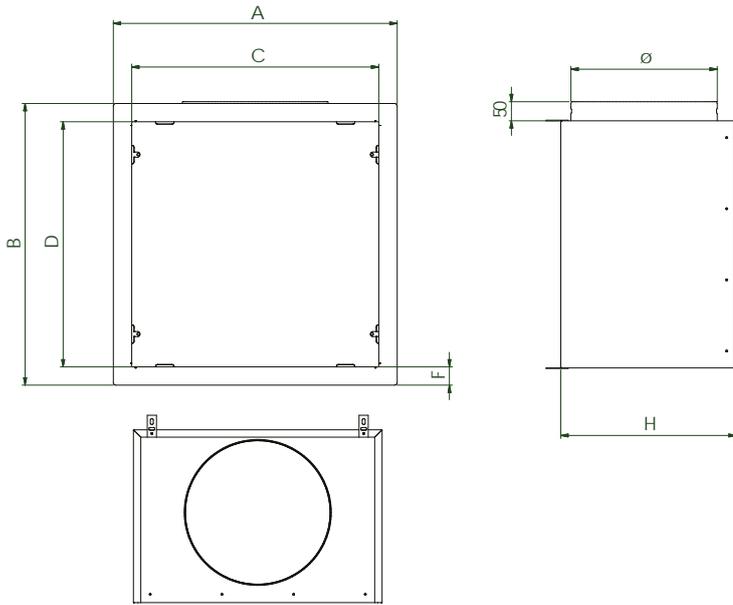
Ceiling diffusers:

- DFOR (perforated diffusers)
- DFW (spiral diffusers)

DIMENSIONAL DRAWING CPF40 – LATERAL CONNECTION

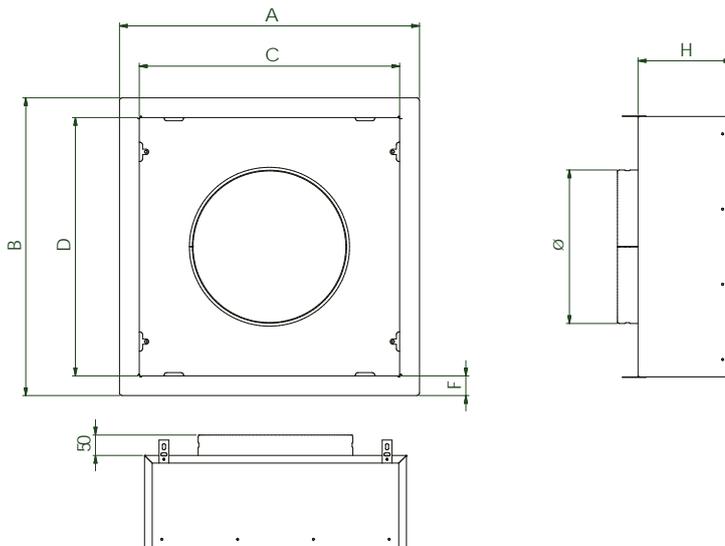


CPF40



Modello	Dimensioni [mm]							Peso [kg]
	A	B	C	D	Ø	H	F	
CPF40 33	472	472	372	372	198	275	50	3.5
CPF40 36	472	772	372	672	313	390	50	5.6
CPF40 FP	595	595	538	538	313	390	28.5	5.9
CPF40 66	772	772	672	672	398	475	50	8.5
CPF40 96	1072	772	972	672	448	525	50	12
CPF40 126	1382	772	1282	672	498	575	50	15
CPF40 2FP	1195	595	1138	538	448	525	28.5	12.5

DIMENSIONAL DRAWING CPF40 – TOP CONNECTION



Modello	Dimensioni [mm]							Peso [kg]
	A	B	C	D	Ø	H	F	
CPF40 33	472	472	372	372	198	240	50	2.7
CPF40 36	472	772	372	672	313	240	50	3.9
CPF40 FP	595	595	538	538	313	240	28.5	4.2
CPF40 66	772	772	672	672	398	240	50	5.5
CPF40 96	1072	772	972	672	448	240	50	7.2
CPF40 126	1382	772	1282	672	498	240	50	9
CPF40 2FP	1195	595	1138	538	448	240	28.5	7.3



PRICE LIST

CPF40

CPF40 TOP CIRCULAR CONNECTION RAL9010

Dimensions	Code	Price
3.3 (305x305)	FCPZNF4C0BFAVR901001	€ 86,49
3.6 (305x610)	FCPZNF4C1BCAVR901001	€ 115,05
4.4 / FP (457x457)	FCPZNF4C2BCAVR901001	€ 126,67
6.6 (610x610)	FCPZNF4C4BDAVR901001	€ 162,22
9.6 (915x610)	FCPZNF4C5BEAVR901001	€ 236,12
10.4 /2FP (1057x457)	FCPZNF4C6BEAVR901001	€ 233,69
12.6 (1220x610)	FCPZNF4C7BEAVR901001	€ 294,26

CPF40 SIDE CIRCULAR CONNECTION RAL9010

Dimensions	Code	Price
3.3 (305x305)	FCPZNF4C0AFAVR901001	€ 92,37
3.6 (305x610)	FCPZNF4C1ACAVR901001	€ 125,86
4.4 / FP (457x457)	FCPZNF4C2ACAVR901001	€ 137,88
6.6 (610x610)	FCPZNF4C4ADAVR901001	€ 180,46
9.6 (915x610)	FCPZNF4C5AEAVR901001	€ 280,72
10.4 /2FP (1057x457)	FCPZNF4C6AEAVR901001	€ 272,21
12.6 (1220x610)	FCPZNF4C7AEAVR901001	€ 355,58

COMBINED DIFFUSERS



PERFORATED RAL9010

Size	Code	Price
3.3 (305x305)	DF2MM03050305R901002	€ 34,00
3.6 (305x610)	DF2MM03050610R901001	€ 41,56
4.4 / FP (457x457)	DF2MM04570457R901002	€ 44,79
6.6 (610x610)	DF2MM06100610R901002	€ 46,33
9.6 (915x610)	DF2MM09150610R901001	€ 57,10
10.4 /2FP (1057x457)	DF2MM04571057R901001	€ 82,90
12.6 (1220x610)	DF2MM12200610R901001	€ 82,90



SWIRL RAL9010

Size	Code	Price
3.3 (305x305)	DE2MM03050305R901001	€ 50,19
3.6 (305x610)	DE2MM03050610R901001	€ 24,94
4.4 / FP (457x457)	DE2MM04570457R901002	€ 84,89
6.6 (610x610)	DE2MM06100610R901002	€ 100,84
9.6 (915x610)	DE2MM09150610R901001	€ 200,60
10.4 /2FP (1057x457)	DE2MM04571057R901001	€ 221,94
12.6 (1220x610)	DE2MM12200610R901001	€ 221,94

ON REQUEST

Special connection: + 45,00 €

INOX AISI 304: RAL 9010 x 2

INOX AISI 316L: RAL 9010 x 2.5

Special RAL: + 45,00 €

≥ 5 Pieces of equal size: -5%

≥ 10 Pieces of equal size: -10%

CLA & UTEK reserves the right to at any time the necessary changes to improve products without prior notice .