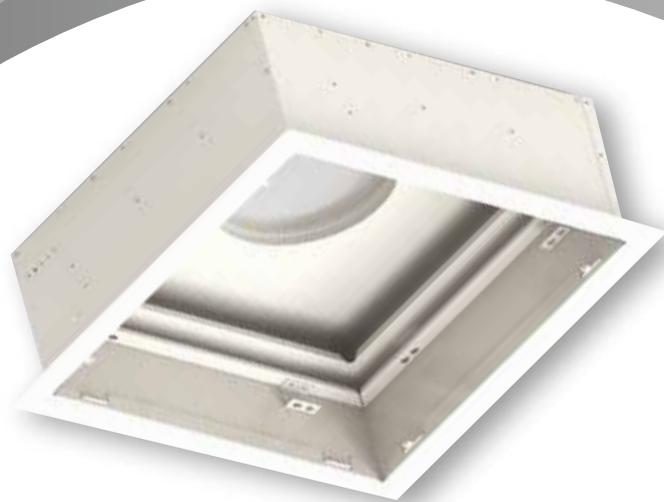




CPF20 FILTER-HOLDER TERMINAL BOX





TECHNICAL DATA

APPLICATIONS

- Terminal filtration and diffusion in areas with contamination risk levels 3 and 2 (according to NF S 90-351) in healthcare facilities: rooms with turbulent airflow, sterilization rooms, or laboratories
- Suitable for ceiling or wall installation

Advantages:

- Extremely high installation flexibility: supply/return air; ceiling or wall mounting; circular or rectangular inlet spigots
- Airtightness at 1000 Pa
- Localized air leakage on the sealing plane <0.01%
- Tool-free filter locking
- Version available with integrated damper adjustable from the room without removing the filter

CONSTRUCTION

- Box made of 10/10 steel, white painted RAL 9010
- On the upper part of the box, all four sides feature pre-drilled sheet metal (Ø 8 mm) for fixing the unit (Alphen rails, threaded rods)
- One-piece 15/10 sealing plate, center-drilled to ensure airtightness
- Tool-free filter locking using manually operated clips
- CPF20 locking system provides two height positions, allowing installation of filters with thicknesses of 68 and 115 mm
- Two integrated pressure probe sets (for 6 mm internal diameter plastic tubing):
- One upstream/downstream connection set (tube included) for measuring filter clogging from inside the room. This system also allows upstream aerosol concentration measurement
- One set of side-mounted connections to indicate upstream/downstream pressure outside the room, also used for remote filter clogging monitoring
- Recessed diffusers: white-painted steel, RAL 9010

RANGE

- CPF20: new-generation housing designed to fit two filter thicknesses (68 and 115 mm), offering variable filtration performance without changing the enclosure

Two plenum types depending on installation constraints on site:

- Circular top connection: standard ceiling installation
- Circular side connection: suitable for low ceiling installations

Two compatible diffusers:

Ceiling:

- Type DFOR: perforated sheet for vertical air discharge
- Type DFW: swirl diffuser (rapid mixing with room air)

During environmental disinfection operations, a protective plate can be installed in place of the diffuser.

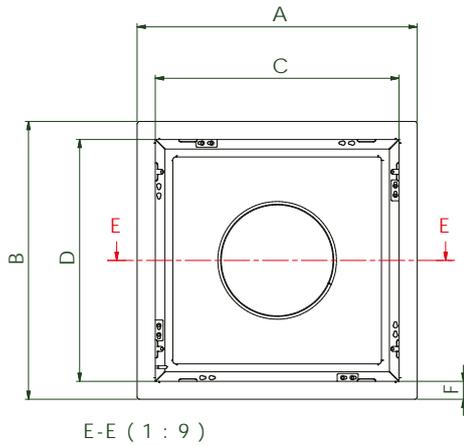
Compatible supply filters:

- For sizes 3.3.68/115; 3.6.68/115; 4.4.68/115; 6.6.68/115; 9.6.68/115; 12.6.68/115: H14

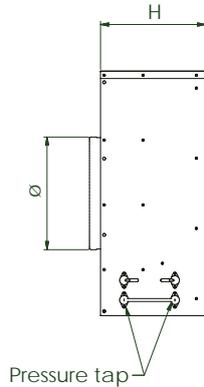


DIMENSIONAL DRAWING CPF20 – UNIVERSAL PDC

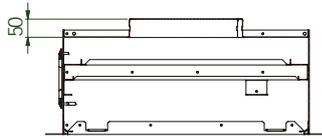
CPF20



E-E (1 : 9)



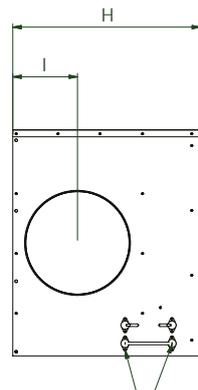
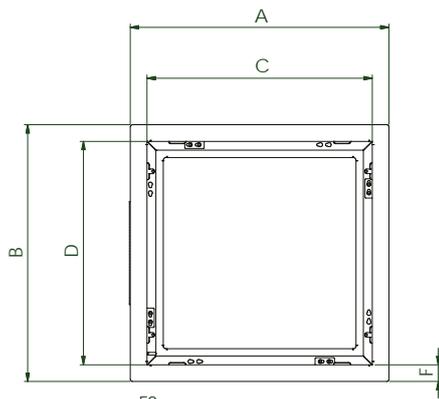
Pressure tap



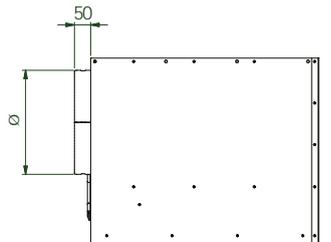
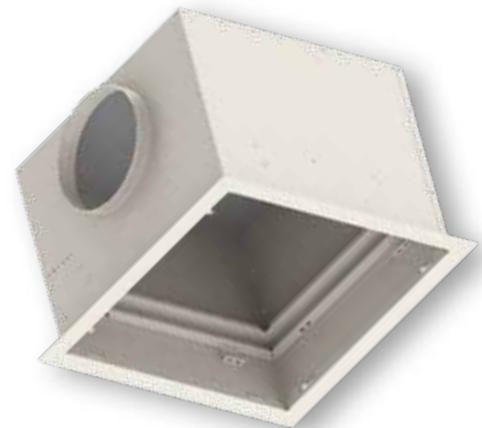
Model	Filters	Dimensions [mm]							Weight [kg]
		A	B	C	D	H	Splgot Ø	F	
CPF20 330 T	305x305x68/115	472	472	372	372	290	158	50	8.6
CPF20 360 T	305x610x68/115	472	772	372	672	290	248	50	12.4
CPF20 FP T	457x457x68/115	595	595	538	538	290	248	28.5	12.9
CPF20 440 T	457x457x68/115	638	638	538	538	290	248	50	13.5
CPF20 660 T	610x610x68/115	772	772	672	672	290	313	50	16.8
CPF20 2FP T	1057x457x68/115	1195	595	1138	538	290	398	28.5	21.2
CPF20 960 T	915x610x68/115	1072	772	972	672	290	313	50	21.4
CPF20 1260 T	1220x610x68/115	1382	772	1282	672	290	313	50	26.3
CPF20 960* T	915x610x68/115	1072	772	972	672	290	398	50	21.1
CPF20 1260* T	1220x610x68/115	1382	772	1282	672	290	498	50	25.5
CPF20 661 T	610x610x150	772	772	672	672	325	498	50	20.3

*High airflows

DIMENSIONAL DRAWING CPF20 – UNIVERSAL PLC



Pressure tap



Model	Filters	Dimensions [mm]							Weight [kg]
		A	B	C	D	H	Splgot Ø	F	
CPF20 330 S	305x305x68/115	472	472	372	372	400	158	50	9.9
CPF20 360 S	305x610x68/115	472	772	372	672	490	248	50	15.7
CPF20 FP S	457x457x68/115	595	595	538	538	490	248	28.5	16.5
CPF20 440 S	457x457x68/115	638	638	538	538	490	248	50	17.0
CPF20 660 S	610x610x68/115	772	772	672	672	560	313	50	22.5
CPF20 2FP S	1057x457x68/115	1195	595	1138	538	645	398	28.5	31.0
CPF20 960 S	915x610x68/115	1072	772	972	672	560	313	50	28.5
CPF20 1260 S	1220x610x68/115	1382	772	1282	672	560	313	50	35.0
CPF20 960* S	915x610x68/115	1072	772	972	672	645	398	50	30.5
CPF20 1260* S	1220x610x68/115	1382	772	1282	672	745	498	50	39.5
CPF20 661 S	610x610x150	772	772	672	672	672	398	50	26.0

*High airflows

PRICE LIST



CPF20

CPF20 TOP CIRCULAR CONNECTION RAL9010

Dimensions	Code	Price
F 50 305x305	FCPZNF200BAAVR901001	€ 261,12
F 50 305x610	FCPZNF201BBAVR901001	€ 300,20
F 50 457x457	FCPZNF202BBAVR901001	€ 315,61
30FP 457x457	FCPZNF202BBCVR901001	€ 315,61
F 50 610x610	FCPZNF204BCAVR901001	€ 337,34
F 50 915x610 D315	FCPZNF205BCAVR901001	€ 479,12
F 50 1220x610 D315	FCPZNF207BCAVR901001	€ 509,58
F 50 915x610 D400	FCPZNF205BDAVR901001	€ 479,12
F 50 1220x610 D500	FCPZNF207BEAVR901001	€ 509,58
F 50 610x610X150	FCPZNF224BEAVR901001	463,16

CPF20 TOP CIRCULAR CONNECTION INOX AISI 304

Dimensions	Code	Price
F 50 305x305	FCPX4F200BAAVN000001	€ 520,57
F 50 305x610	FCPX4F201BBAVN000001	€ 673,78
F 50 457x457	FCPX4F202BBAVN000001	€ 772,69
30FP 457x457	FCPX4F202BBCVN000001	€ 772,69
F 50 610x610	FCPX4F204BCAVN000001	€ 910,61
F 50 915x610 D315	FCPX4F205BCAVN000001	€ 1.214,34
F 50 1220x610 D315	FCPX4F207BCAVN000001	€ 1.437,58
F 50 915x610 D400	FCPX4F205BDAVN000001	€ 1.214,34
F 50 1220x610 D500	FCPX4F207BEAVN000001	€ 1.437,58
F 50 610x610X150	FCPX4F224BEAVN000001	€ 1.389,48

CPF20 SIDE CIRCULAR CONNECTION RAL9010

Dimensions	Code	Price
F 50 305x305	FCPZNF200AAAVR901001	€ 292,29
F 50 305x610	FCPZNF201ABAVR901001	€ 336,48
F 50 457x457	FCPZNF202ABAVR901001	€ 388,00
30FP 457x457	FCPZNF202ABCVR901001	€ 388,00
F 50 610x610	FCPZNF204ACAVR901001	€ 421,15
F 50 915x610 D315	FCPZNF205ACAVR901001	€ 531,89
F 50 1220x610 D315	FCPZNF207ACAVR901001	€ 628,49
F 50 915x610 D400	FCPZNF205ADAVR901001	€ 531,89
F 50 1220x610 D500	FCPZNF207AEAVR901001	€ 628,49
F50 610x610X150	FCPZNF224ADAVR901001	559,62

CPF20 SIDE CIRCULAR CONNECTION INOX AISI 304

Dimensions	Code	Price
F 50 305x305	FCPX4F200AAAVN000001	€ 585,42
F 50 305x610	FCPX4F201ABAVN000001	€ 662,22
F 50 457x457	FCPX4F202ABAVN000001	€ 834,10
30FP 457x457	FCPX4F202ABCVN000001	€ 834,10
F 50 610x610	FCPX4F204ACAVN000001	€ 1.076,47
F 50 915x610 D400	FCPX4F205ACAVN000001	€ 1.425,92
F 50 1220x610 D500	FCPX4F207ACAVN000001	€ 1.714,97
F 50 915x610 D315	FCPX4F205ADAVN000001	€ 1.425,92
F 50 1220x610 D315	FCPX4F207AEAVN000001	€ 1.714,97
F50 610x610X150	FCPX4F224ADAVN000001	€ 1.878,86

FILTERS

Code	Dimensions	Type of filtration	Air Flow m³/h	Price
FILTROH14-30530568	305x305x68	H14	150	€ 222,26
FILTROH14-30561068	305x610x68	H14	300	€ 284,42
FILTROH14-45745768	457x457x68	H14	335	€ 346,57
FILTROH14-61061068	610x610x68	H14	600	€ 448,27
FILTROH14-91561068	915x610x68	H14	900	€ 612,15
FILTROH14-122061068	1220x610x68	H14	1200	€ 725,16
FILTROH14-610610150	610x610x150	H14	2000	€ 396,55

Code	Dimensions	Type of filtration	Air Flow m³/h	Price
FILTROH14-305305115	305x305x115	H14	150	€ 243,33
FILTROH14-305610115	305x610x115	H14	300	€ 369,43
FILTROH14-457457115	457x457x115	H14	335	€ 341,81
FILTROH14-610610115	610x610x115	H14	600	€ 606,51
FILTROH14-915610115	915x610x115	H14	900	€ 662,31
FILTROH14-1220610115	1220x610x115	H14	1200	€ 864,49

COMBINED DIFFUSERS



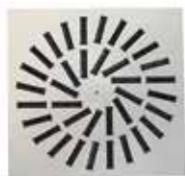
PERFORATED RAL9010

Size	Code	Price
305x305	DF2MM03050305R901002	€ 34,00
305x610	DF2MM03050610R901001	€ 41,56
457x457	DF2MM04570457R901002	€ 44,79
610x610	DF2MM06100610R901002	€ 46,33
915x610	DF2MM09150610R901001	€ 57,10
1220x610	DF2MM12200610R901001	€ 82,90

PERFORATED INOX AISI 304

Size	Code	Price
305x305	DF2MM03050305N000001	€ 68,00
305x610	DF2MM03050610N000001	€ 83,12
457x457	DF2MM04570457N000001	€ 89,58
610x610	DF2MM06100610N000001	€ 92,66
915x610	DF2MM09150610N000001	€ 114,20
1220x610	DF2MM12200610N000001	€ 165,80

PRICE LIST



SWIRL RAL9010

Size	Code	Price
305x305	DE2MM03050305R901001	€ 50,19
305x610	DE2MM03050610R901001	€ 84,89
457x457	DE2MM04570457R901002	€ 84,89
610x610	DE2MM06100610R901002	€ 100,84
915x610	DE2MM09150610R901001	€ 200,60
1220x610	DE2MM12200610R901001	€ 221,94

SWIRL INOX AISI 304

Size	Code	Price
305x305	DE2MM03050305N000001	€ 100,38
305x610	DE2MM03050610N000001	€ 169,78
457x457	DE2MM04570457N000001	€ 169,78
610x610	DE2MM06100610N000001	€ 201,68
915x610	DE2MM09150610N000001	€ 401,20
1220x610	DE2MM12200610N000001	€ 443,88

ON REQUEST

Special connection: + 45,00 €

INOX AISI 316L: INOX 304 + 30%

RAL special: + 45,00€

≥ 5 pieces of equal size: - 5%

≥ 10 pieces of equal size: - 10%

CPF20

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