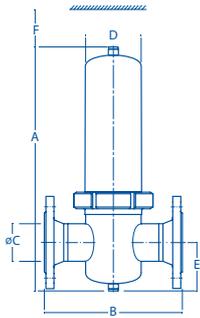


CLEARPOINT

CLEARPOINT®- PIF Filter housing* with flange

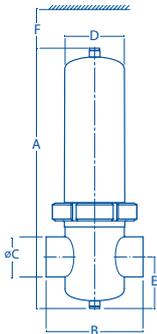


Model	PIF60	PIF90	PIF120	PIF180	PIF270	PIF360
Connection	DN 10	DN 10	DN 20	DN 20	DN 25	DN 32
Max. operating pressure (bar)	16	16	16	16	16	16
Dimension data in mm						
A	215	243	243	267	293	345
B ± 3	180	180	180	202	212	220
D	70	70	70	70	85	85
E	52	52	52	52	71	71
F	90	120	120	150	150	200
Filter element optional						
Sterile filter element	FE60SR	FE90SR	FE120SR	FE180SR	FE270SR	FE360SR
Steam filter element	FE60STX1 FE60SX5 FE60STX25	FE90STX1 FE90SX5 FE90STX25	FE120STX1 FE120SX5 FE120STX25	FE180STX1 FE180SX5 FE180STX25	FE270STX1 FE270SX5 FE270STX25	FE360STX1 FE360SX5 FE360STX25

Housing and attachments: Stainless steel 1.4301; External surface finish: Pickled, passivated and polished Ra < 1.6

* without filter element

CLEARPOINT®-PIT | PIW Filter housing* with G thread | weld-on-end

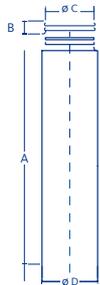


Model	PIT60	PIT90	PIT120	PIT180	PIT270	PIT360
Connection	G 1/4	G 3/8	G 1/2	G 3/4	G 1	G 1 1/4
Max. operating pressure (bar)	16	16	16	16	16	16
Dimension data in mm						
A	215	243	243	267	293	345
B ± 3	105 / 108	105 / 108	108	125	125 / 135	140
D	70	70	70	70	85	85
E	52	52	52	52	71	71
F	90	120	120	150	150	200
Filter element optional						
Sterile filter element	FE60SR	FE90SR	FE120SR	FE180SR	FE270SR	FE360SR
Steam filter element	FE60STX1 FE60SX5 FE60STX25	FE90STX1 FE90SX5 FE90STX25	FE120STX1 FE120SX5 FE120STX25	FE180STX1 FE180SX5 FE180STX25	FE270STX1 FE270SX5 FE270STX25	FE360STX1 FE360SX5 FE360STX25

Housing and attachments: Stainless steel 1.4301; External surface finish: Pickled, passivated and polished Ra < 1.6

* without filter element

CLEARPOINT®-FE ... SR Sterile filter element

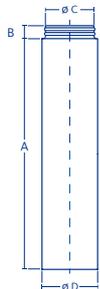


Model	FE60SR	FE90SR	FE120SR	FE180SR	FE270SR	FE360SR
Max. volume flow 8 bar [a] (m³/h)**	60	90	120	180	270	360
Dimension data in mm						
A	76	104	104	128	128	180
B	12	12	14	14	14	14
C	¾"	¾"	1"	1"	1"	1"
D	42	42	52	52	62	62

Filter medium: Borosilicate, support cylinder and end caps: Stainless steel 1.4301

** At 20°C and 1 bar(a)

CLEARPOINT®-FE ... ST Steam filter element



Model	FE60ST			FE90ST			FE120ST			FE180ST			FE270ST			FE360ST		
	X1	X5	X25	X1	X5	X25	X1	X5	X25	X1	X5	X25	X1	X5	X25	X1	X5	X25
Deposition rate 1 µm 5 µm 25 µm	1	5	25	1	5	25	1	5	25	1	5	25	1	5	25	1	5	25
Max. steam mass flow 2 bar [a] (kg/h)	6	15	15	9	18	18	11	27	27	15	45	45	15	45	45	27	87	128
Dimension data in mm																		
A	76			104			104			128			128			180		
B	12			12			14			14			14			14		
C	¾"			¾"			1"			1"			1"			1"		
D	42			42			52			52			62			62		

Filter medium: sintered stainless steel filter tube 1.4404; End caps: Stainless steel 1.4301

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Ярославль (4852)69-52-93

Filter housing* with flange

Model	PIF480	PIF720	PIF1080	PIF1440	PIF1920	PIF2880
Connection	DN40	DN 50	DN 50	DN 65	DN 80	DN 80
Max. operating pressure (bar)	16	16	16	16	16	12
Dimension data in mm						
A	387	461	588	734	996	1025
B ± 3	254	260	260	290	300	340
D	104	104	104	129	129	154
E	94	94	94	104	108	115
F	200	280	450	580	850	850
Filter element optional						
Sterile filter element	FE480SR FE480STX1	FE720SR FE720STX1	FE1080SR FE1080STX1	FE1440SR FE1440STX1	FE1920SR FE1920STX1	FE2880SR FE2880STX1
Steam filter element	FE480SX5 FE480STX25	FE720SX5 FE720STX25	FE1080SX5 FE1080STX25	FE1440SX5 FE1440STX25	FE1920SX5 FE1920STX25	FE2880SX5 FE2880STX25

Filter housing* with G thread | weld-on-end

Model	PIT480	PIT720	PIT1080	PIT1440	PIT1920	PIT2880
Connection	G 1 1/2	G 2	G 2	G 2 1/2	G 3	G 3
Max. operating pressure (bar)	16	16	16	16	16	12
Dimension data in mm						
A	387	461	588	734	996	1025
B ± 3	170	170	170	216 / 200	216 / 200	240
D	104	104	104	129	129	154
E	94	94	94	104	108	115
F	200	280	450	580	850	850
Filter element optional						
Sterile filter element	FE480SR FE480STX1	FE720SR FE720STX1	FE1080SR FE1080STX1	FE1440SR FE1440STX1	FE1920SR FE1920STX1	FE2880SR FE2880STX1
Steam filter element	FE480SX5 FE480STX25	FE720SX5 FE720STX25	FE1080SX5 FE1080STX25	FE1440SX5 FE1440STX25	FE1920SX5 FE1920STX25	FE2880SX5 FE2880STX25

Sterile filter element

Model	FE480SR	FE720SR	FE1080SR	FE1440SR	FE1920SR	FE2880SR										
Max. volume flow 8 bar [a] (m³/h)**	480	720	1080	1440	1920	2880										
Dimension data in mm																
A	180	254	381	508	762	762										
B	16	16	16	16	16	16										
C	2"	2"	2"	2"	2"	3"										
D	86	86	86	86	86	140										
bar [a]																
Correction factor	0.13	0.25	0.36	0.5	0.6	0.75	0.9	1	1.12	1.25	1.37	1.5	1.62	1.75	1.87	2

Steam filter element

Model	FE480ST			FE720ST			FE1080ST			FE1440ST			FE1920ST			FE2880ST								
	X1	X5	X25	X1	X5	X25	X1	X5	X25	X1	X5	X25	X1	X5	X25	X1	X5	X25						
Deposition rate	1 µm	5 µm	25 µm	1 µm	5 µm	25 µm	1 µm	5 µm	25 µm	1 µm	5 µm	25 µm	1 µm	5 µm	25 µm	1 µm	5 µm	25 µm						
Max. steam mass flow 2 bar [a] (kg/h)	26	87	175	26	87	175	88	260	272	119	365	450	119	365	450	320	640	640						
Dimension data in mm																								
A	180			254			381			508			762			762								
B	16			16			16			16			16			16								
C	2"			2"			2"			2"			2"			2"								
D	86			86			86			86			86			140								
bar [a]																								
Correction factor	0.5			1			1.5			2			2.5			3			3.5			4		

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