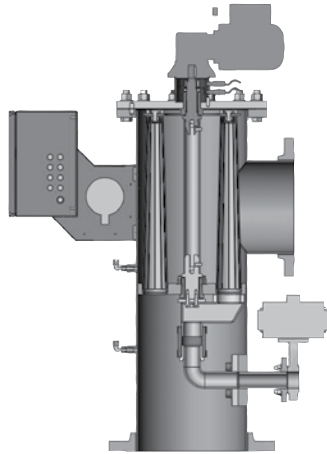


748-18,480
gpm
170-4200
L/min

87-150 psi
6-10 bar



The automatic backflushing filter AutoFilt® RF5 has proven its reliable performance successfully for many years in a wide range of different industries. The new backflushing filter series AutoFilt® RF5 a new budget-priced filter series with a cost-optimized geometry that offers the same reliable filter performance in a variety of applications.

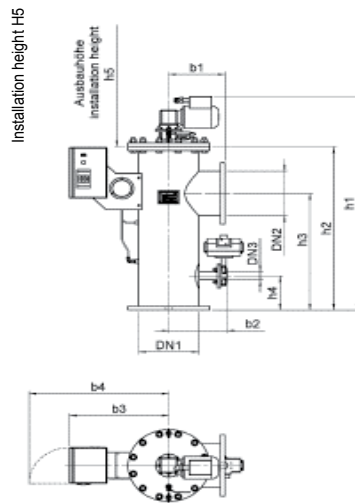


The function of the AutoFilt® RF5 is similar to the AutoFilt® RF3:

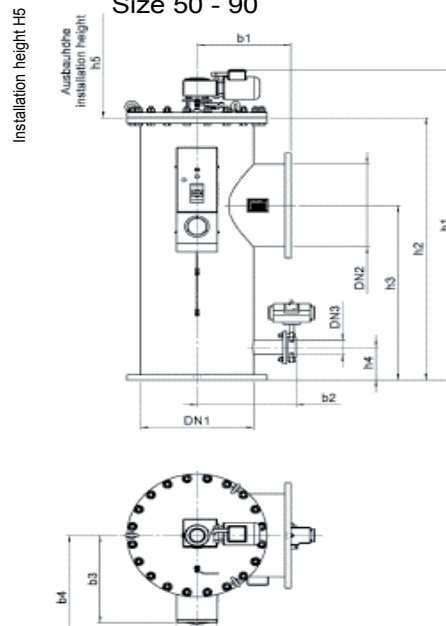
The fluid to be filtered flows through the slotted tube filter elements of the backflushing filter, passing from the inside to the outside. Contamination particles then collect on the smooth inside of the filter elements.

As the level of contamination increases, the differential pressure between the contaminated and clean sides of the filter increases. When the differential pressure reaches its pre-set value, backflushing starts automatically.

Size 25 - 40



Size 50 - 90



Dimensions

Size	DN1 in (mm)	DN2 in (mm)	DN3 in (mm)	H1 in (mm)	H2 in (mm)	H3 in (mm)	H4 in (mm)	H5 in (mm)	B1 in (mm)	B2 in (mm)	B3 in (mm)	B4 in (mm)
25	9.8 (250)	7.9 (200)	1.6 (40)	47.7 (1212.5)	35.9 (912.5)	24.6 (625)	7.1 (180)	21.7 (550)	11.8 (300)	10.8 (275)	20 (508)	28.7 (728)
30	11.8 (300)	9.8 (250)	1.6 (40)	51.7 (1313.5)	39.4 (1001.5)	28.1 (715)	8.3 (210)	21.7 (550)	11.8 (300)	12.4 (314)	21 (533)	29.6 (753)
40	15.7 (400)	11.8 (300)	2.6 (65)	74.4 (1890.5)	62 (1575.5)	40.6 (1030)	7.1 (180)	41.3 (1050)	14.6 (370)	15 (380)	23 (575)	31.3 (795)
50	19.7 (500)	15.7 (400)	2.6 (65)	74.4 (1888.5)	62.4 (1585.5)	41.3 (1050)	7.5 (190)	41.3 (1050)	17.16 (435)	17.3 (440)	19.1 (485)	27.8 (705)
60	23.6 (600)	19.7 (500)	3.1 (80)	75 (1905.5)	63.3 (1608.5)	42.1 (1070)	7.9 (200)	41.3 (1050)	19.9 (505)	21 (534)	21.3 (540)	29.9 (760)
70	27.6 (700)	23.6 (600)	3.1 (80)	88.1 (2238.5)	74.5 (1903.5)	48.6 (1235)	7.9 (200)	53.1 (1350)	22.4 (570)	22.8 (580)	23.3 (593)	32 (813)
90	35.4 (900)	31.5 (800)	3.9 (100)	91.7 (2328.5)	78.5 (1993.5)	52.2 (1325)	8.9 (225)	53.1 (1350)	27.2 (690)	27.2 (690)	27.5 (698)	36.1 (918)

Backflushing Filter AutoFit® RF5

RF5

Size	Pressure Rating psi / (bar)	Inlet	Outlet	Back flushing	Filtration Area in ² / cm ²	Flow Range gpm (L/min.)
25	145 (10)	DN 250	DN 200	DN 40	942 (6120)	748-1408 (170-320)
30	145 (10)	DN 300	DN 250	DN 40	1255 (8160)	1276-1980 (290-450)
40	87 (6)	DN 400	DN 300	DN 65	2603 (16920)	1760-3302 (6667-12500)
50	87 (6)	DN 500	DN 400	DN 65	3905 (25380)	2860-5280 (650-1200)
60	87 (6)	DN 600	DN 500	DN 80	7809 (50760)	4400-8360 (1000-1900)
70	87 (6)	DN 700	DN 600	DN 80	10920 (70980)	6600-12320 (1500-2800)
90	87 (6)	DN 900	DN 800	DN 100	18200 (118300)	11440-18480 (2600-4200)

How to Build a Valid Model Number for a RF5:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11
RF3	2.5									

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11
RF5	40	EPT8	NMA	N	5	1	2	ES300	40	

= RF5-40-EPT8-NMA-N-5-1-2-ES300-40

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
Filter Series RF5	Filter Size 25 30 40 50 60 70 90	Drive Control / Connecting Voltage EPZ = Electric pneumatic cycle control EZ = Electric control EPT = Electro-pneumatic cyclic control PT = Pneumatic cyclic control PTZ = Pneumatic cyclic timed control 7 = 3X415V/N/PE 60Hz 8 = 3X460V/X/PE 60Hz 9 = 3X440V/X/PE 60Hz E = 1X230V/N/PE 60Hz F = 1X115V/N/PE 60Hz	Housing Material and Coating N = Standard Steel outside primed NM = Standard Steel outside primed, inside metallogal painted E = Stainless Steel A = With ANSI-flanged, additional A at the end	Shut-Off Valve Material N = Standard Steel B = Bronze
BOX 6 Differential Pressure Gauge 1 = Pressure Chamber, Aluminum 3.258302 2 = Pressure Chamber, Stainless Steel 1.4305 3 = With Chemical Seal Stainless Steel 316TI 5 = HDA 4700 Stainless Steel 6 = HDA 4300 Duplex Stainless Steel	BOX 7 Control Box Position 1 = Control box offset by 90° clockwise to filter outlet 2 = Control box offset by 180° clockwise to filter outlet 3 = Control box offset by 270° clockwise to filter outlet	BOX 8 Modification Number 2 = Latest version supplied by factory	BOX 9 Element Set ES200 = 200µ Conical Slotted Tubes ES300 = 300µ Conical Slotted Tubes ES400 = 400µ Conical Slotted Tubes ES500 = 500µ Conical Slotted Tubes ES1000 = 1000µ Conical Slotted Tubes ES1500 = 1500µ Conical Slotted Tubes ES2000 = 2000µ Conical Slotted Tubes ES2500 = 2500µ Conical Slotted Tubes ES3000 = 3000µ Conical Slotted Tubes	
BOX 10 Size of Element Set Same as BOX 2 Value	BOX 11 Vessel Certification Omit = Standard Version ASME = ASME Version			

- Technical Data RF3-C
 - RF3-0
 - RF3-1
 - RF3-2
 - RF3-2.5
 - RF3-3
 - RF3-4
 - Filter Model Number Selection RF3-5
 - RF3-6
 - RF3-7
 - RF3-8
 - RF5**
 - RF7
 - RF10
 - RF4
 - RF4-1
 - RF4-2
 - RF12
 - BTU
 - ATF
 - PLF1
 - PVD
- NOTES:
 Box 3. Needs to have control type and voltage selected ex. EPT8.
 Box 4. can contain two options ex. NMA. If ANSI flanges are not specified DIN style will be provided.