

FIL+REG+LUB New deal



Highly reliable heavy-duty piston-operated FRL unit.

- Stability of the set pressure as the upstream pressure varies
- Metal bowl with external sight glass
- Semi-automatic and automatic condensate drain
- Lubrication proportional to flow rate
- Micrometric lubrication regulation
- Activation guaranteed with low flow rates

Refer to the sections on the single modules for a further description, components and other technical data.

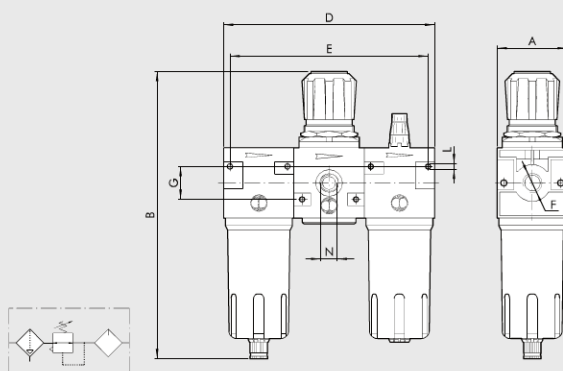


TECHNICAL DATA		FRL ND 1/4"	FRL ND 3/8"	FRL ND 1/2"	FRL ND 3/4"	FRL ND 1"
Threaded port		1/4"	3/8"	1/2"	3/4"	1"
Setting range	bar	0 to 8 - 0 to 12	0 to 8 - 0 to 12	0 to 8 - 0 to 12	0 to 8 - 0 to 12	0 to 8 - 0 to 12
Degree of filtration	µm	4 - 20 - 50	4 - 20 - 50	4 - 20 - 50	4 - 20 - 50	4 - 20 - 50
Max. inlet pressure	MPa	1.8	1.8	1.8	1.8	1.8
	bar	18	18	18	18	18
	psi	261	261	261	261	261
Flow rate at 6.3 bar (0.63 MPa to 91 psi) ΔP 0.5 bar (0.05 MPa to 7 psi)	Nl/min	140	1300	1900	2000	2000
	scfm	5	46	68	71	71
Flow rate at 6.3 bar (0.63 MPa to 91 psi) ΔP 1 bar (0.1 MPa to 14 psi)	Nl/min	400	2000	3600	3700	3700
	scfm	14.2	71	128	132	132
Max temperature at 1 MPa; 10 bar; 145 psi	°C	50	50	50	50	50
	°F	122	122	122	122	122
Weight	kg	1	2.5	4	4	4
Wall fixing screws		M4 x 40	M4 x 55	M6 x 75	M6 x 75	M6 x 75
Fluid		Compressed air				
Note on use		The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.				
		Do not take air from pressure gauge ports.				

UNITS

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DIMENSIONS



	FRL ND 1/4"	FRL ND 3/8"	FRL ND 1/2"	FRL ND 3/4"	FRL ND 1"
Threaded port F	1/4"	3/8"	1/2"	3/4"	1"
A	42	60	80	80	80
B	190	245	332	332	332
RA	-	249	336	336	336
SAC	194	249	336	336	336
D	126	180	240	240	240
E	116	166	226	226	226
G	20	28	44	44	44
L	M4 hole	M4 hole	M6 hole	M6 hole	M6 hole
N (pressure gauge port)	1/8"	1/8"	1/4"	1/4"	1/4"

FRL ELEMENT	1/4 THREADED PORT	4 µm DEGREE OF FILTRATION	08 SETTING RANGE	RMSA CONDENSATE DRAIN	
FRL	1/4	4 = 4 µm 20 = 20 µm 50 = 50 µm	08 = 0 to 8 bar 012 = 0 to 12 bar	RMSA SAC SAC RA RMSA RA	RMSA: drain with manual condensate discharge and automatic discharge at zero pressure. RA: automatic drain with condensate discharge, independent of pressure and flow rate. SAC: automatic drain with condensate discharge. Operates by depression – requires variable air take-offs.

[illegible]