

V3V + FR + LUB Newdeal



Highly reliable heavy-duty piston-operated FRFL unit.

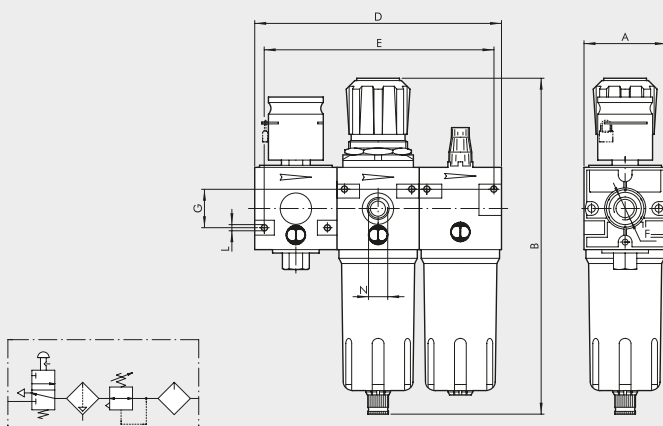
- Stability of the set pressure as the upstream pressure varies
- Metal bowl with external sight glass
- Semi-automatic and automatic condensate drain
- Quantity of lubricant proportionate to the air flow
- Micrometric lubrication regulation
- Activation guaranteed at low air flows
- Quick filling and drainage of the downstream circuit with the V3V element

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



TECHNICAL DATA		VFR + L ND 1/4"	VFR + L ND 3/8"	VFR + L ND 1/2"
Threaded port		1/4"	3/8"	1/2"
Setting range	bar	0 to 8 - 0 to 12	0 to 8 - 0 to 12	
Degree of filtration	μm	4 - 20 - 50	4 - 20 - 50	
Max. inlet pressure	MPa	1.8	1.8	
	bar	18	18	
	psi	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	1000	
	scfm	5	35.5	
Flow rate at 6.3 bar (0.63 MPa to 91 psi) ΔP 1 bar (0.1 MPa to 14 psi)	Nl/min	480	1900	
	scfm	17	67.5	
Max temperature at 1 MPa; 10 bar; 145 psi	°C	50	50	
	°F	122	122	
Weight	kg	1.1	1.8	
Wall fixing screws		M4 x 40	M4 x 55	
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.		

DIMENSIONS



	VFR + L ND 1/4"	VFR + L ND 3/8"	VFR + L ND 1/2"
Threaded port F	1/4"	3/8"	1/2"
A	42		60
B	190		245
	RMSA		249
	RA		249
	SAC		249
D	126		180
E	116		166
G	20		28
L	Hole for M4 screws	Hole for M4 screws	
N (pressure gauge port)	1/8"		1/8"

SYNOPTIC, SIZES AND VERSIONS

VFR + L ELEMENT	1/4 THREADED PORT	20 DEGREE OF FILTERING	08 SETTING RANGE	RMSA CONDENSATE DRAIN
VFR + L	1/4 3/8 1/2	4 = 4 µm 20 = 20 µm 50 = 50 µm	08 = 0 to 8 bar 012 = 0 to 12 bar	RMSA SAC RMSA SAC 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.

Version conveys the draining by inserting the pipe having internal diameter 6 mm in the lower port.

SAC: automatic drain with condensate discharge.

Operates by depression – requires variable air take-offs.

ORDERING CODES

Code	Description
1272030	VFR+L 1/4 20 RMSA 08
1272054	VFR+L 1/4 20 RMSA 012
1372030	VFR+L 3/8 20 RMSA 08
1372054	VFR+L 3/8 20 RMSA 012
1472030	VFR+L 1/2 20 RMSA 08
1472054	VFR+L 1/2 20 RMSA 012
1472032	VFR+L 1/2 50 RMSA 08
1472056	VFR+L 1/2 50 RMSA 012

The following versions are available on request:

- with 4 µm or 50 µm degree of filtration
- with SAC or RA condensate discharge