

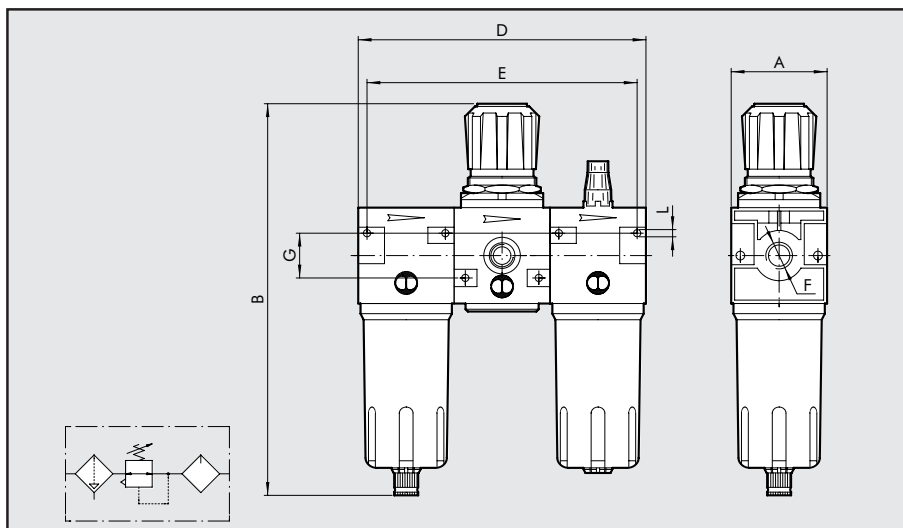
FIL+REG+LUB Newdeal

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



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÷2 - 0÷4 - 0÷8 - 0÷12				
Degree of filtration	4µm 20µm 50µm				
Max. inlet pressure	MPa 1.8				
	bar 18				
	psi 261				
Flow rate at 6.3 bar (0.63 MPa-91 psi)	NI/min 140	1300	1900	2000	
ΔP 0.5 bar (0.05 MPa – 7 psi)	scfm 5	46	68	71	
Flow rate at 6.3 bar (0.63 MPa-91 psi)	NI/min 400	2000	3600	3700	
ΔP 1 bar (0.1 MPa – 14 psi)	scfm 14.2	71	128	132	
Fluid	Compressed air				
Max temperature at 1 MPa; 10 bar; 145 psi	°C 50°				
	°F 122°				
Weight	1	2.5	4		
Wall fixing screws	M4x40	M4x55	M6x75		
Note on use	The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.				

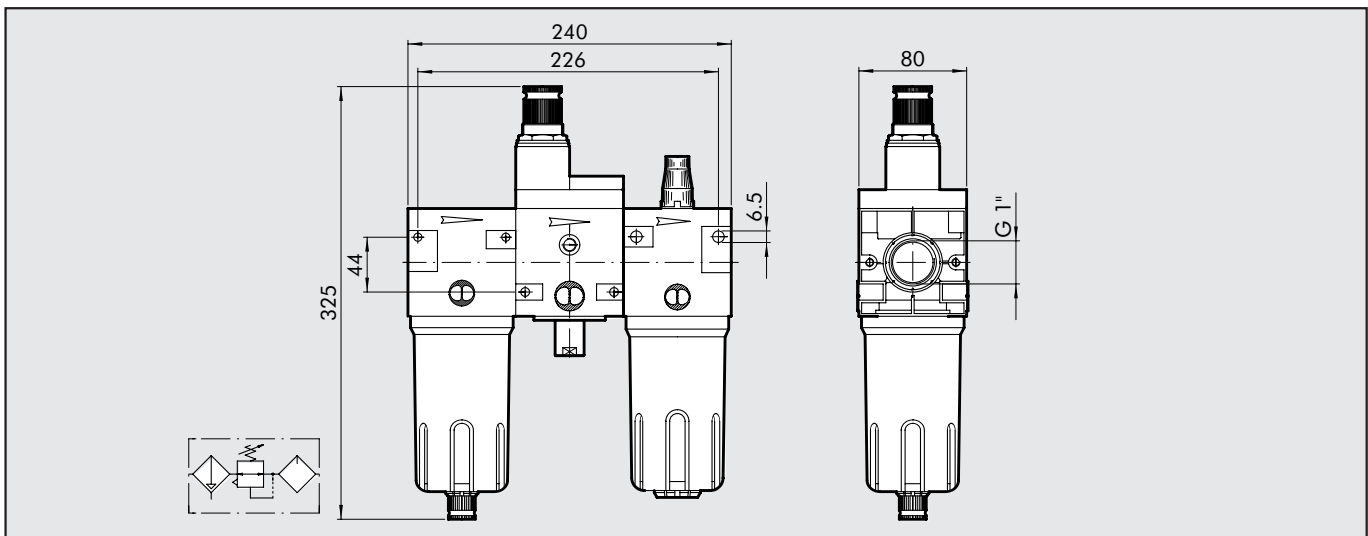
DIMENSIONS	G 1/4"	G 3/8"	G 1/2"	G 3/4"	G 1"
	A 42	60	80		
	B 190	245	332		
	D 126	180	240		
	E 116	166	226		
	G 20	28	44		
	L M4 hole	M4 hole	M6 hole		

UNITS - FRPL 3/4" and 1" Newdeal

TECHNICAL DATA	FRPL ND 3/4	FRPL ND 1
Threaded port	3/4"	1"
Setting range	0÷8 - 0÷12	
Max. temperature at 1 MPa, 10 bar, 145 psi	50°C-122°F	
Degree of filtration	4µm; 20µm; 50µm;	
Max. inlet pressure	MPa	1.3
	bar	13
	psi	188
Flow rate at 6.3 bar (0.63 MPa÷91 psi) NI/min	7500	
ΔP 0.5 bar (0.05 MPa÷7 psi)	265	
Flow rate at 6.3 bar (0.63 MPa÷91 psi) NI/min	8500	
ΔP 1 bar (0.1 MPa÷14 psi)	300	
Fluid	Compressed air	
Weight	Kg	5.2
Wall fixing screws	M6x75	
Drain	Manual - Semi-automatic	
Bowl capacity	cm ³	170
Note on use	The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.	



DIMENSIONS



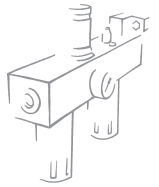
KEY TO CODES

FRPL	1	4	02	RMSA
ELEMENT	THREADED PORT	DEGREE OF FILTRATION	SETTING RANGE	TYPE OF DRAIN
FRPL	1" 3/4"	4 µm 20 µm 50 µm	08 012	RMSA RA

ORDERING CODES

Code	Description	Code	Description
1528007	FRPL 3/4 4 08 RMSA	1628007	FRPL 1 4 08 RMSA
1528019	FRPL 3/4 4 08 RA	1628019	FRPL 1 4 08 RA
1528010	FRPL 3/4 4 012 RMSA	1628010	FRPL 1 4 012 RMSA
1528022	FRPL 3/4 4 012 RA	1628022	FRPL 1 4 012 RA
1528008	FRPL 3/4 20 08 RMSA	1628008	FRPL 1 20 08 RMSA
1528020	FRPL 3/4 20 08 RA	1628020	FRPL 1 20 08 RA
1528011	FRPL 3/4 20 012 RMSA	1628011	FRPL 1 20 012 RMSA
1528023	FRPL 3/4 20 012 RA	1628023	FRPL 1 20 012 RA
1528009	FRPL 3/4 50 08 RMSA	1628009	FRPL 1 50 08 RMSA
1528021	FRPL 3/4 50 08 RA	1628021	FRPL 1 50 08 RA
1528012	FRPL 3/4 50 012 RMSA	1628012	FRPL 1 50 012 RMSA
1528024	FRPL 3/4 50 012 RA	1628024	FRPL 1 50 012 RA

RMSA: Manual/semi-auto drain
 RA: Automatic float-type drain, operating irrespective of the pressure and flow rate.
 FRPL: Filter + pilotable regulator + lubricator



Newdeal FR+LUB UNITS

- Heavy duty and reliable piston-operated FR+L 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 proportioned to air flow
 - Micrometric lubrication regulation
 - Activation guaranteed with low flow rates



TECHNICAL DATA		FR+L ND 1/4"	FR+L ND 3/8"	FR+L ND 1/2"
Threaded port		G 1/4"	G 3/8"	G 1/2"
Setting range	bar	0 ÷ 2 - 0 ÷ 4 - 0 ÷ 8 - 0 ÷ 12		
Degree of filtration		4µm 20µm 50µm		
Max. inlet pressure	MPa	1.8		
	bar	18		
	psi	261		
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi)	NI/min	150		1300
ΔP 0.5 bar (0.05 MPa ÷ 7 psi)	scfm	5.3		46
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi)	NI/min	500		2200
ΔP 1 bar (0.1 MPa ÷ 14 psi)	scfm	18		78
Fluid		Compressed air		
Max temperature at 1 MPa; 10 bar; 145 psi	°C	50		
	°F	122		
Weight	Kg	0.9		2
Wall fixing screws		M4x40		M4x55
Note on use		The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.		

DIMENSIONS		G 1/4"	G 3/8"	G 1/2"
	A	42		60
	B	190		245
	D	84		120
	E	76		109
	G	10		14
	L	M4 hole		M4 hole
	F			

**KEY TO CODES**

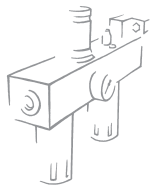
FR+L	1/4	4μm	08	RMSA
ELEMENT	THREADED PORT	DEGREE OF FILTERING	SETTING RANGE	CONDENSATE DRAIN
FR+L	1/4	4μm	08	RMSA
	3/8	20μm	012	SAC
	1/2	50μm		RMSA
				SAC
				RA

RMSA: Manual/semi-auto drain
SAC: Automatic drain. Operates by depression - requires variable air take-offs.
RA: Automatic drain. Float-type operation irrespective of the pressure and flow rate.

ORDERING CODES		NOTES
Code	Description	
1226029	FR+L 1/4 4 08 RMSA N TMV	
1226409	FR+L 1/4 4 08 SAC N TMV	
1226053	FR+L 1/4 4 012 RMSA N TMV	
1226413	FR+L 1/4 4 012 SAC N TMV	
1226030	FR+L 1/4 20 08 RMSA N TMV	
1226410	FR+L 1/4 20 08 SAC N TMV	
1226054	FR+L 1/4 20 012 RMSA N TMV	
1226414	FR+L 1/4 20 012 SAC N TMV	
1226032	FR+L 1/4 50 08 RMSA N TMV	
1226412	FR+L 1/4 50 08 SAC N TMV	
1226056	FR+L 1/4 50 012 RMSA N TMV	
1226416	FR+L 1/4 50 012 SAC N TMV	
1326029	FR+L 3/8 4 08 RMSA N TMV	
1326409	FR+L 3/8 4 08 SAC N TMV	
1326053	FR+L 3/8 4 012 RMSA N TMV	
1326413	FR+L 3/8 4 012 SAC N TMV	
1326030	FR+L 3/8 20 08 RMSA N TMV	
1326034	FR+L 3/8 20 08 RA N TMV	
1326410	FR+L 3/8 20 08 SAC N TMV	
1326054	FR+L 3/8 20 012 RMSA N TMV	
1326058	FR+L 3/8 20 012 RA N TMV	
1326414	FR+L 3/8 20 012 SAC N TMV	
1326032	FR+L 3/8 50 08 RMSA N TMV	
1326412	FR+L 3/8 50 08 SAC N TMV	
1326056	FR+L 3/8 50 012 RMSA N TMV	
1326416	FR+L 3/8 50 012 SAC N TMV	
1426029	FR+L 1/2 4 08 RMSA N TMV	
1426409	FR+L 1/2 4 08 SAC N TMV	
1426053	FR+L 1/2 4 012 RMSA N TMV	
1426413	FR+L 1/2 4 012 SAC N TMV	
1426030	FR+L 1/2 20 08 RMSA N TMV	
1426034	FR+L 1/2 20 08 RA N TMV	
1426410	FR+L 1/2 20 08 SAC N TMV	
1426054	FR+L 1/2 20 012 RMSA N TMV	
1426058	FR+L 1/2 20 012 RA N TMV	
1426414	FR+L 1/2 20 012 SAC N TMV	
1426032	FR+L 1/2 50 08 RMSA N TMV	
1426412	FR+L 1/2 50 08 SAC N TMV	
1426056	FR+L 1/2 50 012 RMSA N TMV	
1426416	FR+L 1/2 50 012 SAC N TMV	

New deal

V3V+FIL+REG+LUB UNITS

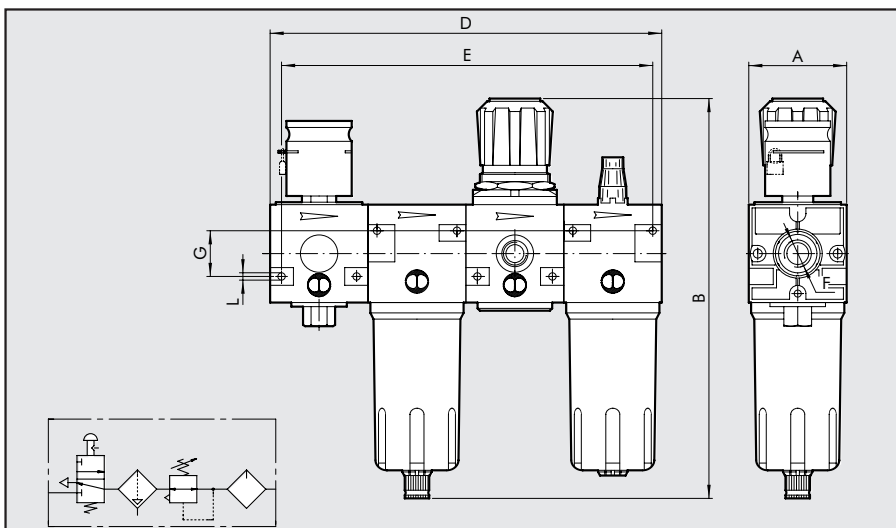


- Highly reliable heavy-duty piston-operated FRFL unit.
- Stability of the set pressure as the upstream pressure varies
 - Metal bowl with external sight glass
 - Semi-automatic and automatic condensate drain
 - Quantity of lubricant proportionate to the air flow
 - Micrometric lubrication regulation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

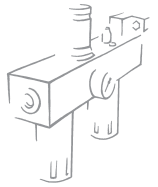


TECHNICAL DATA		VFRL ND 1/4"	VFRL ND 3/8"	VFRL ND 1/2"
Threaded port		G 1/4"	G 3/8"	G 1/2"
Setting range	bar	0 ÷ 2 - 0 ÷ 4 - 0 ÷ 8 - 0 ÷ 12		
Degree of filtration		4µm 20µm 50µm		
Max. inlet pressure	MPa	1.8		
	bar	18		
	psi	261		
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi)	NI/min	130		800
ΔP 0.5 bar (0.05 MPa ÷ 7 psi)	scfm	4.6		28
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi)	NI/min	390		1700
ΔP 1 bar (0.1 MPa ÷ 14 psi)	scfm	14		60
Fluid		Compressed air		
Max. temperature at 1 MPa; 10 bar; 145 psi	°C	50		
	°F	122		
Weight	Kg	1.5		3.3
Wall fixing screws		M4x40		M4x55
Note on use	The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.			

DIMENSIONS	G 1/4"	G 3/8"	G 1/2"
A	42		60
B	190		245
D	168		240
E	158		226
G	20		28
L	M4 hole		M4 hole



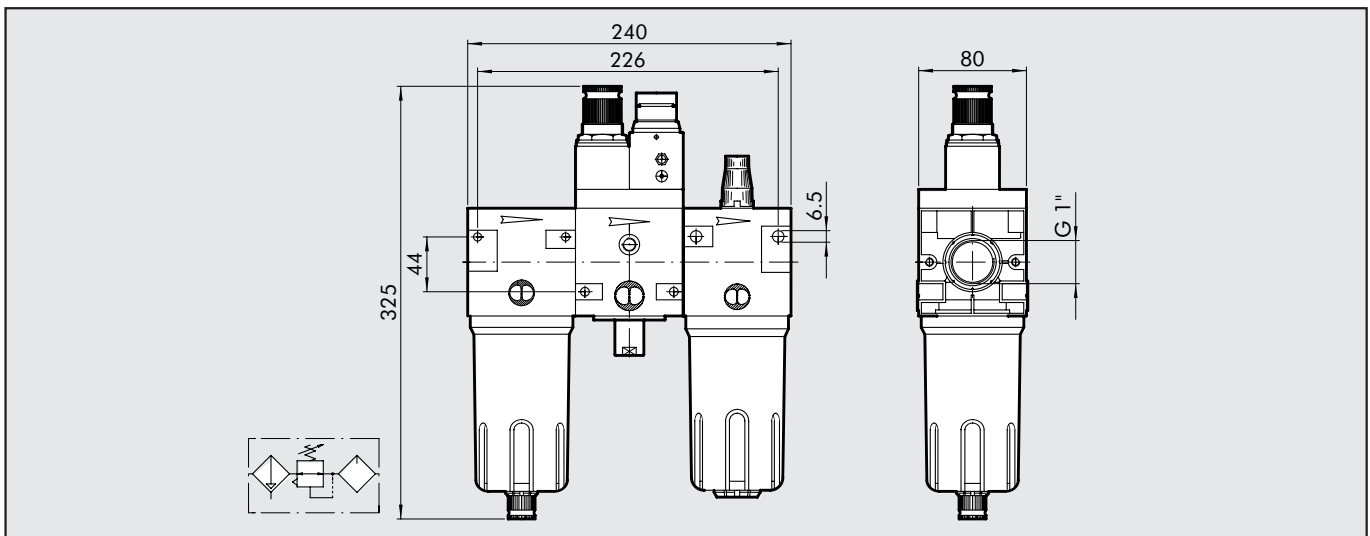
UNITS - FRPVL 3/4" and 1" Newdeal



TECHNICAL DATA	FRPVL ND 3/4	FRPVL ND 1
Threaded port	3/4"	1"
Setting range	0 ÷ 8 - 0 ÷ 12	
Max. temperature at 1 MPa, 10 bar, 145 psi	50°C - 122°F	
Degree of filtration	4µm; 20µm; 50µm;	
Max. inlet pressure	MPa	1.3
	bar	13
	psi	188
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi) NI/min	7500	
ΔP 0.5 bar (0.05 MPa ÷ 7 psi)	265	
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi) NI/min	8500	
ΔP 1 bar (0.1 MPa ÷ 14 psi)	300	
Fluid	Compressed air	
Weight	Kg	3.8
Wall fixing screws	M6x75	
Drain	Manual - Semi-automatic	
Bowl capacity	cm³	170
Note on use	The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.	



DIMENSIONS



KEY TO CODES

FRPVL ELEMENT	1 THREADED PORT	4 DEGREE OF FILTRATION	02 SETTING RANGE	RMSA TYPE OF DRAIN
FRPVL	1" 3/4"	4 µm 20 µm 50 µm	08 012	RMSA RA

ORDERING CODES

Code	Description	Code	Description
1529007	FRPVL 3/4 4 08 RMSA	1629007	FRPVL 1 4 08 RMSA
1529019	FRPVL 3/4 4 08 RA	1629019	FRPVL 1 4 08 RA
1529010	FRPVL 3/4 4 012 RMSA	1629010	FRPVL 1 4 012 RMSA
1529022	FRPVL 3/4 4 012 RA	1629022	FRPVL 1 4 012 RA
1529008	FRPVL 3/4 20 08 RMSA	1629008	FRPVL 1 20 08 RMSA
1529020	FRPVL 3/4 20 08 RA	1629020	FRPVL 1 20 08 RA
1529011	FRPVL 3/4 20 012 RMSA	1629011	FRPVL 1 20 012 RMSA
1529023	FRPVL 3/4 20 012 RA	1629023	FRPVL 1 20 012 RA
1529009	FRPVL 3/4 50 08 RMSA	1629009	FRPVL 1 50 08 RMSA
1529021	FRPVL 3/4 50 08 RA	1629021	FRPVL 1 50 08 RA
1529012	FRPVL 3/4 50 012 RMSA	1629012	FRPVL 1 50 012 RMSA
1529024	FRPVL 3/4 50 012 RA	1629024	FRPVL 1 50 012 RA

RMSA: Manual/semi-auto drain
 RA: Automatic float-type drain, operating irrespective of the pressure and flow rate.
 FRPVL: Filter + pilotable regulator with cut-off valve + lubricator

N.B.: The V3V in the unit is manually operated.

New deal

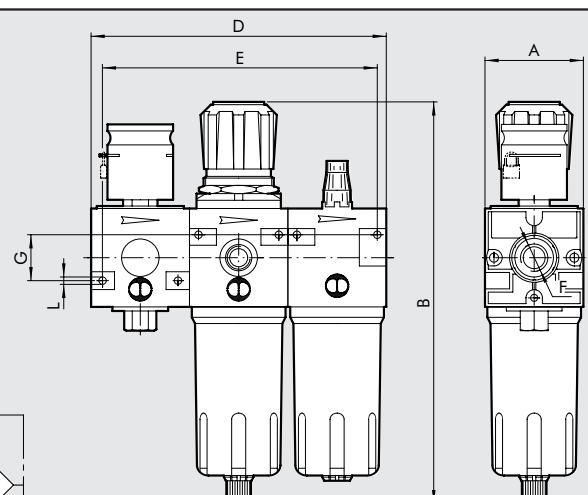
V3V+FR+LUB UNITS

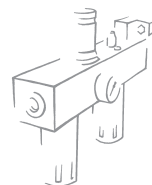
Highly reliable heavy-duty piston-operated VRF+L

- Stability of the set pressure depending on the upstream pressure
- 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



TECHNICAL DATA		VFR+L ND 1/4"	VFR+L ND 3/8"	VFR+L ND 1/2"
Threaded port		G 1/4"	G 3/8"	G 1/2"
Setting range	bar	0 ÷ 2 - 0 ÷ 4 - 0 ÷ 8 - 0 ÷ 12		
Degree of filtration		4µm 20µm 50µm		
Max. inlet pressure	MPa	1.8		
	bar	18		
	psi	261		
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi)	l/min	140		1000
ΔP 0.5 bar (0.05 MPa ÷ 7 psi)	scfm	5		35.5
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi)	l/min	480		1900
ΔP 1 bar (0.1 MPa ÷ 14 psi)	scfm	17		67.5
Fluid		Compressed air		
Max. temperature at 1 MPa; 10 bar; 145 psi	°C	50		
	°F	122		
Weight	Kg	1.1		1.8
Wall fixing screws		M4x40		M4x55
Note on use		The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.		

DIMENSIONS		G 1/4"	G 3/8"	G 1/2"
	A	42		60
	B	190		245
	D	126		180
	E	116		166
	G	20		28
	L	M4 hole		M4 hole



KEY TO CODES

VFR+L ELEMENT	1/4 THREADED PORT	4µm DEGREE OF FILTERING	08 SETTING RANGE	RMSA CONDENSATE DRAIN
VFR+L	1/4	4µm	08	RMSA
	3/8	20µm	012	SAC
	1/2	50µm		RMSA
				SAC
				RA

RMSA: Manual/semi-auto drain
SAC: Automatic drain. Operates by depression – requires variable air take-offs.
RA: Automatic drain. Float-type operation irrespective of the pressure and flow rate.

ORDERING CODES

Code	Description
1272029	VFR+L 1/4 4 RMSA 08 N TMV
1272509	VFR+L 1/4 4 SAC 08 N TMV
1272053	VFR+L 1/4 4 RMSA 012 N TMV
1272513	VFR+L 1/4 4 SAC 012 N TMV
1272030	VFR+L 1/4 20 RMSA 08 N TMV
1272510	VFR+L 1/4 20 SAC 08 N TMV
1272054	VFR+L 1/4 20 RMSA 012 N TMV
1272514	VFR+L 1/4 20 SAC 012 N TMV
1272032	VFR+L 1/4 50 RMSA 08 N TMV
1272512	VFR+L 1/4 50 SAC 08 N TMV
1272056	VFR+L 1/4 50 RMSA 012 N TMV
1272516	VFR+L 1/4 50 SAC 012 N TMV
1372029	VFR+L 3/8 4 RMSA 08 N TMV
1372509	VFR+L 3/8 4 SAC 08 N TMV
1372053	VFR+L 3/8 4 RMSA 012 N TMV
1372513	VFR+L 3/8 4 SAC 012 N TMV
1372030	VFR+L 3/8 20 RMSA 08 N TMV
1372034	VFR+L 3/8 20 RA 08 N TMV
1372510	VFR+L 3/8 20 SAC 08 N TMV
1372054	VFR+L 3/8 20 RMSA 012 N TMV
1372060	VFR+L 3/8 20 RA 012 N TMV
1372514	VFR+L 3/8 20 SAC 012 N TMV
1372032	VFR+L 3/8 50 RMSA 08 N TMV
1372512	VFR+L 3/8 50 SAC 08 N TMV
1372056	VFR+L 3/8 50 RMSA 012 N TMV
1372516	VFR+L 3/8 50 SAC 012 N TMV
1472029	VFR+L 1/2 4 RMSA 08 N TMV
1472509	VFR+L 1/2 4 SAC 08 N TMV
1472053	VFR+L 1/2 4 RMSA 012 N TMV
1472513	VFR+L 1/2 4 SAC 012 N TMV
1472030	VFR+L 1/2 20 RMSA 08 N TMV
1472034	VFR+L 1/2 20 RA 08 N TMV
1472510	VFR+L 1/2 20 SAC 08 N TMV
1472054	VFR+L 1/2 20 RMSA 012 N TMV
1472060	VFR+L 1/2 20 RA 012 N TMV
1472514	VFR+L 1/2 20 SAC 012 N TMV
1472032	VFR+L 1/2 50 RMSA 08 N TMV
1472512	VFR+L 1/2 50 SAC 08 N TMV
1472056	VFR+L 1/2 50 RMSA 012 N TMV
1472516	VFR+L 1/2 50 SAC 012 N TMV

NOTES

New deal FIL+LUB UNITS

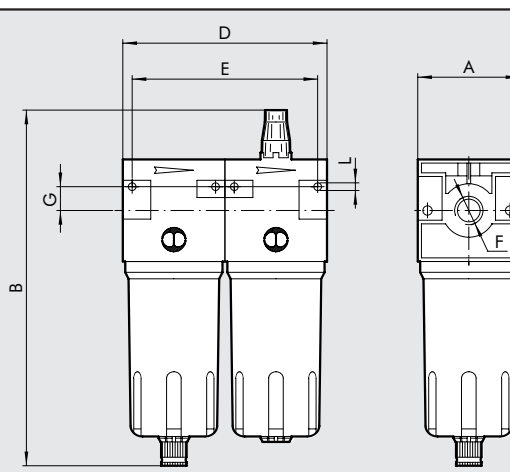
Filter+lubricator unit offering various degrees of filtration and high lubrication stability.

- Metal bowl with external sight glass
- Semi-automatic and automatic condensate drain
- Micrometric lubrication regulation
- Activation guaranteed at low air flows



TECHNICAL DATA	F+L ND 1/4"	F+L ND 3/8"	F+L ND 1/2"	F+L ND 3/4"	F+L ND 1"
Threaded port	1/4"	3/8"	1/2"	3/4"	1"
Lubrication	mist				
Degree of filtration	4µm 20µm 50µm				
Max. inlet pressure	1.8 MPa				
	18 bar				
	261 psi				
Flow rate at 6.3 bar (0.63 MPa÷91 psi)	600 NI/min	2500		8000	
ΔP 0.5 bar (0.05 MPa÷7 psi)	21 scfm	89		282	
Flow rate at 6.3 bar (0.63 MPa÷91 psi)	1000 NI/min	3500		9500	
ΔP 1 bar (0.1 MPa÷14 psi)	35.5 scfm	124		335	
Fluid	Compressed air				
Max. temperature at 1 MPa; 10 bar; 145 psi	50°C				
	122°F				
Weight	0.8 Kg	1.8		2.5	
Wall fixing screws	M4x40	M4x55		M6x75	
Note on use	The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.				

DIMENSIONS	G 1/4"	G 3/8"	G 1/2"	G 3/4"	G 1"
A	42	60	80		
B	170	209	273		
D	84	120	160		
E	74	106	146		
G	10	14	22		
L	M4 hole	M4 hole	M6 hole		



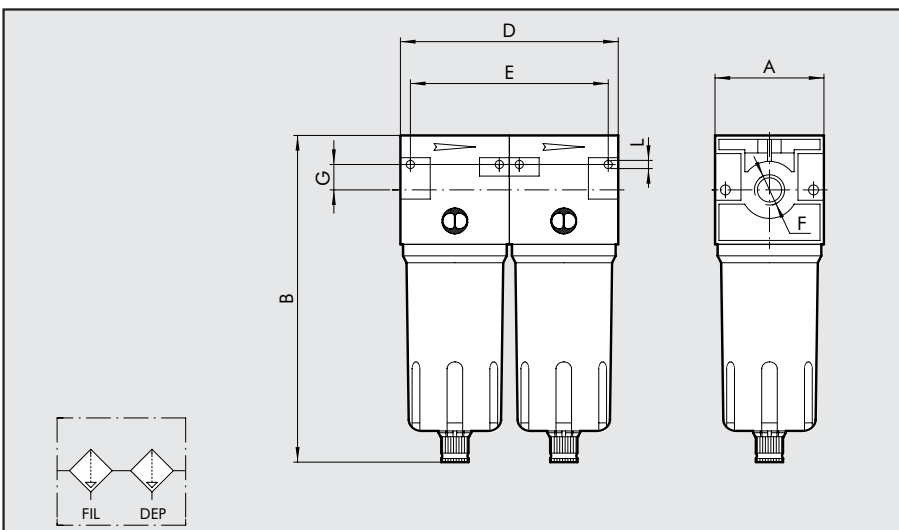
Newdeal FIL+DEP UNITS

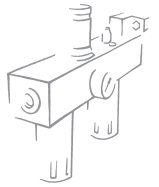
Filter+depurator unit for fine filtering followed by purification by coalescence

- Metal bowl with external sight glass
- Semi-automatic condensate drain



TECHNICAL DATA		F+D ND 3/8"	F+D ND -1/2"
Threaded port		3/8"	1/2"
Degree of filtration		4µm	
Degree of purification		99.97% 0.01µm	
Max. inlet pressure	MPa	1.8	
	bar	18	
	psi	261	
Maximum suggested flow rate		please look at the flow rate curves at page 3.3/24	
Fluid		Compressed air	
Max. temperature at 1 MPa; 10 bar; 145 psi	°C	50	
	°F	122	
Weight	Kg	1.8	
Wall fixing screws		M4x55	
Note on use		The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.	

DIMENSIONS	G 3/8"	G 1/2"
		
A	60	
B	180	
D	120	
E	106	
G	14	
L	M4 hole	



ORDERING CODES

F+D ELEMENT	3/8 THREADED PORT	4µm DEGREE OF FILTRATION	RMSA CONDENSATE DRAIN	RMSA CONDENSATE DRAIN
F+D	3/8 1/2	4µm	RMSA SAC RA	RMSA RA

RMSA: Manual/semi-auto drain
SAC: Automatic drain. Operates by depression – requires variable air take-offs.
RA: Automatic drain. Float-type operation irrespective of the pressure and flow rate.

ORDERING CODES

Code	Description
1327004	F+D 3/8 4 RMSA-RMSA TMV
1327007	F+D 3/8 4 RA-RA TMV
1327104	F+D 3/8 4 SAC-RMSA TMV
1427004	F+D 1/2 4 RMSA-RMSA TMV
1427007	F+D 1/2 4 RA-RA TMV
1427104	F+D 1/2 4 SAC-RMSA TMV

NOTES