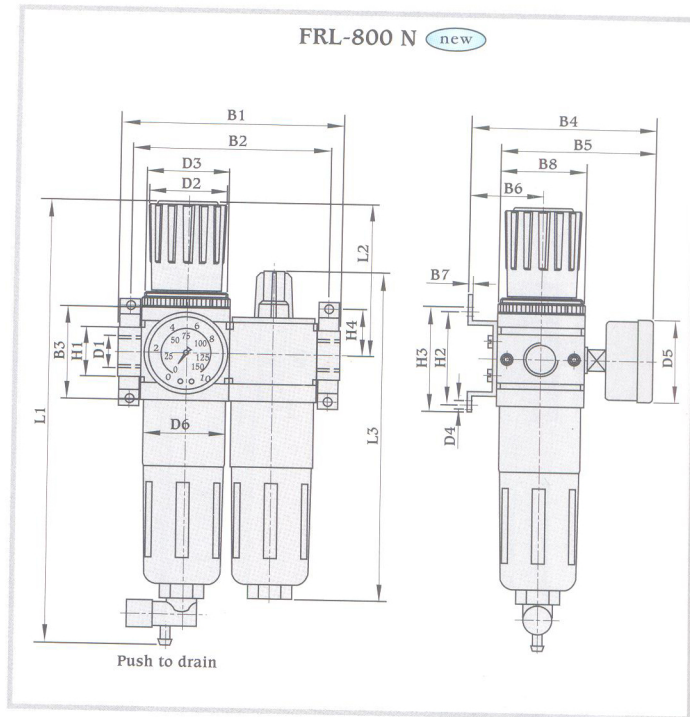
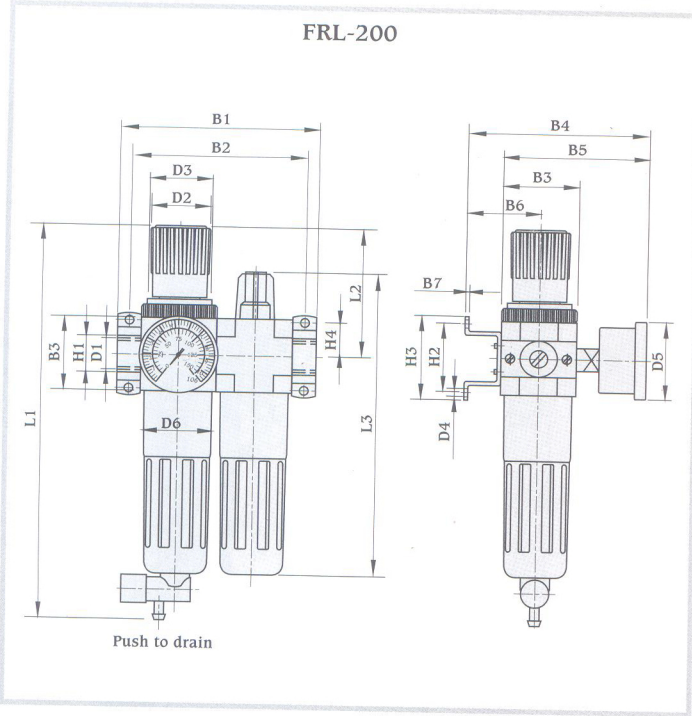


FRL Unit is so designed that it serves the function of the Filter, Regulator and the Lubricator in a compact space. The sintered filter with the water separator removes dirt, pipe scale, rust and condensate from the compressed air. The Regulator is a diaphragm-operated, relieving type regulator. The Regulator keeps the working pressure largely constant, irrespective of pressure fluctuations on

the supply side. The Lubricator is a mist-type. The required lubrication is set by the adjusting screw and the oil drops can be seen through the sight feed dome (drip cap). The amount of oil atomised is proportional to the air flow. With this unit, oil can be filled under pressure.

Basic Dimensions



All dimensions in mm unless otherwise specified

Type	B1	B2	B3	B4	B5	B6	B7	B8	D1 BSP	D2 Dia.	D3	D4 Dia.	D5 Dia.	D6 Dia.	H1	H2	H3	H4	L1	L2	L3
FRL-200	104	98	40	98	77	40	2	--	1/4"	31	M36 x 1.5P	4.2	38	37	20	35	42	17.5	213.0	68.0	163
FRL-800 N	140	125	59	118	99	46.5	3	55	1/2"	49	M52 x 1.5P	5.5	53	52	32	60	69	30.0	280.5	97.5	205

Specifications	FRL-200	FRL-800 N
Medium	Compressed air	
Design	Sintered filter with water separator, Diaphragm regulator, Proportional lubricator	
Port size	1/4" BSP	1/2" BSP
Pressure gauge port size	1/8" BSP	1/4" BSP
Mounting	Line Mounting or Mounting bracket	
Installation position	Vertical $\pm 5^\circ$	
Standard nominal flow rate [✦]	1000 lit. / min.	2600 lit. / min.
Maximum operating pressure	16 bar	16 bar
Regulator pressure range	0.5 to 7 bar Standard 0.5 to 12 bar Standard Optional (0.2 - 2 bar, 0.2 - 4 bar)	
Temperature range	-10 ⁰ C to +60 ⁰ C	
Filter rating	40 Microns standard (Optional 1, 2, 5, 10, 20, 70, 100 μ)	
Condensate capacity	22 ml	43 ml
Oil capacity	45 ml	110 ml
Range of lubricator operation	From 3 lit. / min.	From 6 lit. / min.
Material	Housing and Connecting plates - Aluminium, Filter and Lubricator bowl - Polycarbonate, Seal - Nitrile	

[✦] With 10 bar primary pressure, a working pressure 6 bar & pressure drop of 1 bar > For correct lubricator operation, a minimum flow rate of 125 lit. / min. is required.

Note : Subject to change without prior notice

