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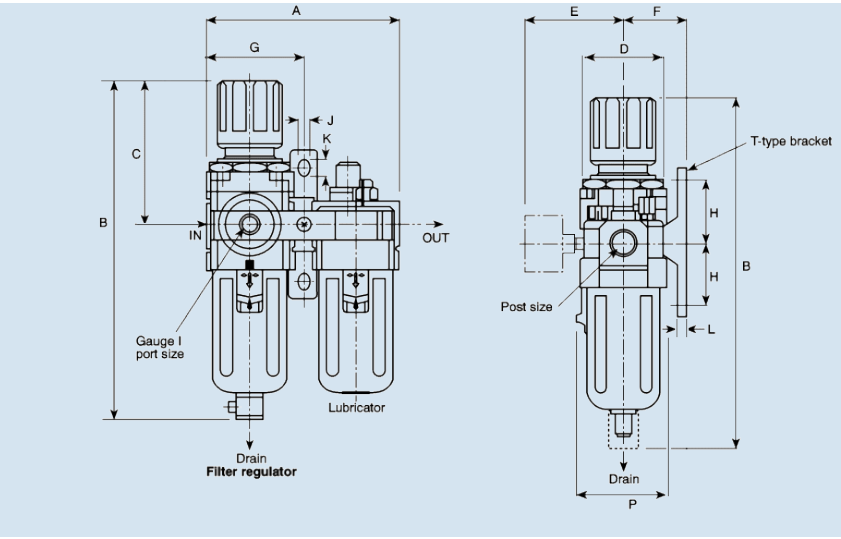
A Series FRL Unit



SPECIFICATIONS

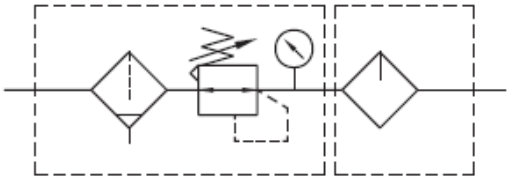
Function :	Modular Filter Regulator & Lubricator Unit
End Connection :	Screwed
Body Material :	Aluminium Die Cast
Valve Assembly & Seal :	Brass, NBR
Filter Element :	Bronze
Bowl Assembly :	Polycarbonate With Metal Bowl Guard
Media :	Air
Max. Operating Pressure :	10 Bar
Relief Pressure :	Set Pressure + 0.5 Bar (relief flow rate of 0.1 L/min)
Working Pressure :	0.5 to 8.5 Bar
Proof Pressure :	15 Bar
Regulator Construction :	Relieving Type
Recommended Lubricant :	Class 1 Turbine Oil (ISO VG32)

DIMENSION

Port	A	B	C	D	E	F	G	H	I	J	K	L	P
1/4"	90	174.5	78	40	56.8	30	45	24	1/8"	5.5	8.5	5	43
1/4"	90	160	78	40	56.8	30	45	24	1/8"	5.5	8.5	5	40
3/8"	117	211	92.5	53	60.8	41	58.5	35	1/8"	7	11	7	70.5
1/2"	154	262	112	70	70.5	50	77	40	1/4"	9	13	7	88
3/4"	164	267	114	70	70.5	50	82	40	1/4"	9	13	7	88
1"	195	338	116	90	75.5	69.8	97.5	50	1/4"	12	16	10.5	115

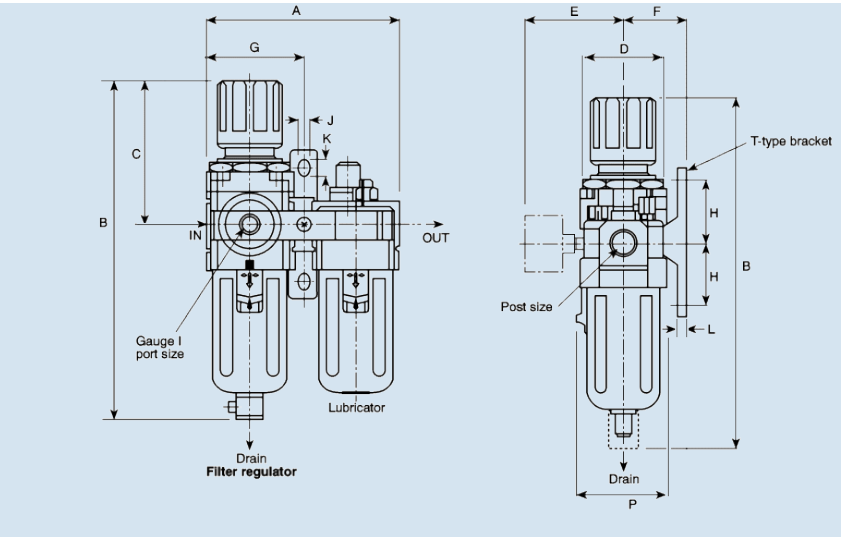
TECHNICAL DATA

Model No.	Port Size	Guage Port	Fluid	Temperature	Filtration Rating	Working Pr. Range	Max Flow Rate Nl/Min*
2FRL-02	1/4" BSP	1/8"	Air	5 to 60^0 C	40 µm	0.5 to 8.5 Bar	500
2FRL-02G	1/4" BSP	1/8"	Air	5 to 60^0 C	40 µm	0.5 to 8.5 Bar	500
2FRL-03	3/8" BSP	1/4"	Air	5 to 60^0 C	40 µm	0.5 to 8.5 Bar	1700
2FRL-04	1/2" BSP	1/4"	Air	5 to 60^0 C	40 µm	0.5 to 8.5 Bar	3000
2FRL-06	3/4" BSP	1/4"	Air	5 to 60^0 C	40 µm	0.5 to 8.5 Bar	3500
2FRL-10	1" BSP	1/4"	Air	5 to 60^0 C	40 µm	0.5 to 8.5 Bar	4000



Circuit Diagram

*** Condition** : Supply Pressure – 7 Bar, Set Pressure: 5 Bar, Filtration: 5 µm



Precautions :

During Installation :

1. Flush Piping before installation.
2. The use of piping adapters will ease installation.
3. The regulator may be installed with the adjustment knob up or down.

Atmosphere :

1. Polycarbonate bowls may get damaged and possibly fail if exposed to synthetic oils, thinner solvents, trichloroethylene, kerosene or other aromatic hydrocarbons.