

## AIR FILTER REGULATOR

**MIEPL** Air filter-cum-Pressure Regulator removes completely the moisture and dust particles and provides the exact pressure constantly at varying air demands. Its compactness and highly accurate performance for a long period with minimum of maintenance make for an optimum compromise between the ideal and the practical, consistent with end-use.

### FEATURES:

- Rugged Construction to withstand high pressures.
- Tight Shutoff for constant Set Pressure
- Long life & Reduced Maintenance
- Cost Competitive



### SPECIFICATIONS

<b>Service</b>	Air	
<b>Max Inlet Pressure</b>	10.5Kg/cm <sup>2</sup> (150 Psi)	
<b>Output Pressure Ranges</b>	Pl refer ordering data table	
<b>Design Pressure</b>	18 Kg/cm <sup>2</sup>	
<b>Connection</b>	¼ " , ½ " , ¾ " , 1 " , 1½ " 2 "	
<b>Operating Temperature</b>	Upto 82°C	
<b>Filter Element Size</b>	5, 25, 40, 50 micron	
<b>Drain</b>	Manual	: Standard
	Automatic	: Optional

### MATERIAL

<b>Body</b>	Aluminum Diecasting/ Stainless steel
<b>Bowl</b>	Transparent Polycarbonate/ Aluminum Alloy/SS
<b>Filter Element</b>	Plastic/ Sintered Bronze
<b>Main Valve</b>	Neoprene Moulded on SS stem
<b>Drain Valve</b>	Brass/SS
<b>Diaphragm</b>	Nitrile/ Neoprene/ EPDM/ Viton/ Buna-N
<b>Main Spring</b>	Spring Steel Cadmium Plated
<b>Pressure Gauge</b>	Brass/ SS

## SELECTION AND ORDERING DATA

MIEPL FILTER CUM REGULATOR COMBINATION UNIT	MI22-										
	1	2	3	4	5	6	7	8	9	10	11
<b>PORT CONNECTION:</b> ¼" ½" ¾" ¾" 1" 1½" 2"	2 3 4 5 6 7 8										
<b>PORT THREAD:</b> NPT BSPT		N B									
<b>DRAIN:</b> MANUAL AUTOMATIC			M A								
<b>FILTER SIZE:</b> 05M 25M 40M 50M				1 2 3 4							
<b>FILTER ELEMENT:</b> PLASTIC SINTERED BRONZE					P S						
<b>BODY:</b> ALUMINUM DIECASTING STAINLESS STEEL						A S					
<b>BOWL:</b> P C BOWL METAL BOWL							P D				
<b>OUTPUT PRESSURE:</b> 0-2.1KG/CM <sup>2</sup> 0-4.2KG/CM <sup>2</sup> 0-7.0KG/CM <sup>2</sup> 0-10KG/CM <sup>2</sup>								E F G H			
<b>BOWL CAPACITY:</b> 100CC 150CC 270CC 400CC									1 2 3 4		
<b>GUAGE:</b> WITHOUT PR GUAGE WITH PR GUAGE										N G	
<b>MOUNTING:</b> WITHOUT MOUNTING BRACKET WITH MOUNTING BRACKET											N B