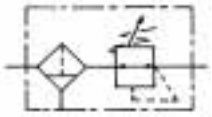
Features

1/8" and 1/4" Port Sizes

ARO® Module/Air 1000 Series "Piggyback" units are compact to save space, giving more design flexibility. These units have one common inlet/outlet for both the filter and regulator. This saves on space, set-up time and piping costs.

- Glass reinforced, composite bodies with threaded brass inserts are light weight, corrosion resistant and have no paint to chip. Combination units can be pipe nippled or clamped together in a modular configuration.
- Non-rising, self locking adjustment knob cannot be vibrated loose.
- Increase/decrease arrows on the knob allows easy adjustment.
- Regulator offers in-line repairability. Diaphragm can be replaced without removing unit from line.
- Bayonet bowl attachment with line-up arrow heads provides easy filter element removal. Arrow heads assure user of locked position.
- Standard and automatic drains available.
- Bowl has external 1/8" NPT thread, for piping away moisture.
- Polycarbonate bowl with guard or composite corrosion resistant bowl available.
- Air inlet arrow is molded into housing for easy air line hookup.





Relieving with manual drain

Performance Specifications

Materials of Construction

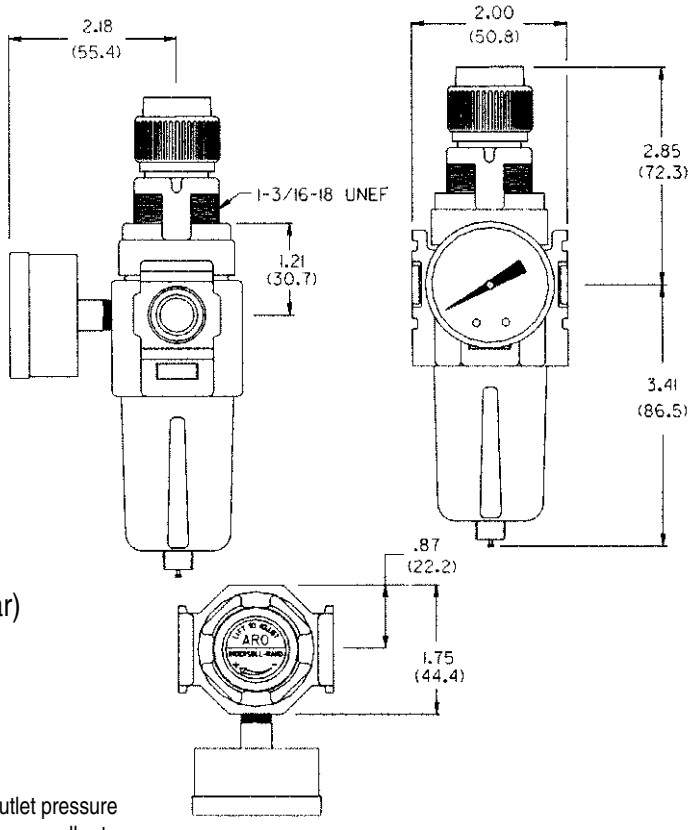
Body:	Glass Reinforced Bodies
Bowl:	Polycarbonate w/Bowl Guard Standard
Bowl Guard:	Composite w/Sight Windows
Composite Bowl:	Nylon
Seals:	Buna-N
Drain:	Push Type
Filter Element:	Porous Polypropylene
Diaphragm:	Buna-N
Spring Housing:	Glass Filled Nylon
Valve Spring :	Stainless Steel

Operating Conditions

Temperature Range:	0° to 125° F (-18° to 52° C)
Max. Inlet Pressure:	Poly Bowl – 150 PSIG (10.4 bar) Composite Bowl – 150 PSIG (10.4 bar)
Flow:	Air flow is at 90 PSIG (6.2 bar) inlet and 5 PSIG (0.4 bar) pressure drop 1/8" = 13 scfm (6 dm^3/s) 1/4" = 13 scfm (6 dm^3/s)

Dimensional Data

Dimensions in Inches (mm)



CAUTION: Outlet pressure adjustment ranges are not minimum or maximum outlet pressure limits. Regulators can be adjusted to zero PSIG secondary pressure and, generally, to pressures in excess of those specified. The use of these regulators to control pressures outside of the specified ranges is not recommended.

Ordering

From the chart below select the model number associated with port size, pressure range and drain option required. If other options are needed, use menu below the chart to select the proper model number. For BSP threads, consult factory.

Note: Not all menu combinations are valid. See price book to verify.

Port Size NPT	Flow scfm	Weight lbs. (kg.)	Filter Element (Micron)	Pressure Range PSIG (bar)	Composite Bowl		Poly Bowl w/Bowl Guard	
					Push Drain	Automatic Drain	Push Drain	Automatic Drain
1/8"	13	2.05 (.93)	20	5-125 (.4-8.6)	P29112-120	P29112-124	P29112-100	P29112-104
1/4"	13	2.03 (.92)	20	5-125 (.4-8.6)	P29122-120	P29122-124	P29122-100	P29122-104

Basic Model No. — Port Size NPT

P 2 9 1 1 X - X X X 1/8" with Brass Inserts
P 2 9 1 2 X - X X X 1/4" with Brass Inserts
P 2 9 1 3 X - X X X 1/8" Molded Thread (No Insert)
P 2 9 1 4 X - X X X 1/4" Molded Thread (No Insert)

Control/Drain Option

0 - Standard Knob/Manual Drain
3 - Tamper Resistant Knob/ Manual Drain
4 - Standard Knob/Auto Drain

Filter Element

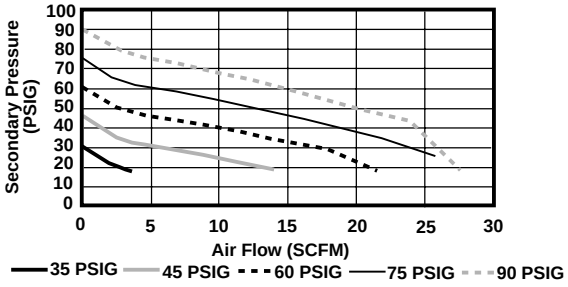
2 - 20 Micron
4 - 5 Micron

Relieving Bowl Option

0 - Relieving / Poly w/Guard
2 - Relieving / Composite
3 - Non-Relieving / Poly w Guard

Pressure Range PSIG (bar)

1 - 5-125 (.4-8.6) no gauge
2 - 0-50 (0-3.5) no gauge
4 - 0-15 (.0-1) no gauge
6 - 5-125 (.4-8.6) w/gauge
7 - 0-50 (0-3.5) w/gauge



Accessories



Kit Includes: Two Clamps, Screws and O-Ring

104263 Clamp Kit



100095-160



Kit Includes: T-Bracket, Clamp, Screws, and O-Ring

104262 T-Type Wall Mount Bracket Kit

Model No.	Description
29668	Mounting Bracket
104094	Panel Mount Nut
104039	Stud Mount
104255	Service Kit, Relieving
104256	Service Kit, Non-Relieving
104109	Tamper Resistant Kit
29863	0-60 PSIG Gauge
100095-160	0-150 PSIG Gauge
29846	0-15 PSIG Gauge
29850	0-160 PSIG Gauge
104258	Poly Bowl w/Guard
104259	Composite Bowl
104265	Nut & Bracket Kit (Includes 104094 Nut and 29668 Bracket)
29660-1	5 Micron Element
29660-2	20 Micron Element
104264	Pulse Drain Kit