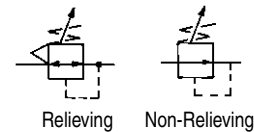


Features

1/8" and 1/4" Port Sizes

ARO® Module/Air 1000 Series regulators are designed to provide quick response and accurate pressure regulation over a wide range of applications. Two gauge ports allow for more versatility in mounting and usage of the unit. Three spring options provide high-range low-range pressure capabilities.

- Glass reinforced, composite bodies with threaded brass inserts are light weight, corrosion resistant and have no paint to chip. Combination units can be pipe nipped 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 can be mounted either up or down, increasing user flexibility.
- Regulator offers in-line repairability. Diaphragm can be replaced without removing unit from line.
- Regulator can be wall or panel mounted up to 3/16" thickness. Hole diameter is 1-3/16".
- A tamper-resistant knob is available.
- Order regulator with or without gauge.



Performance Specifications

Materials of Construction

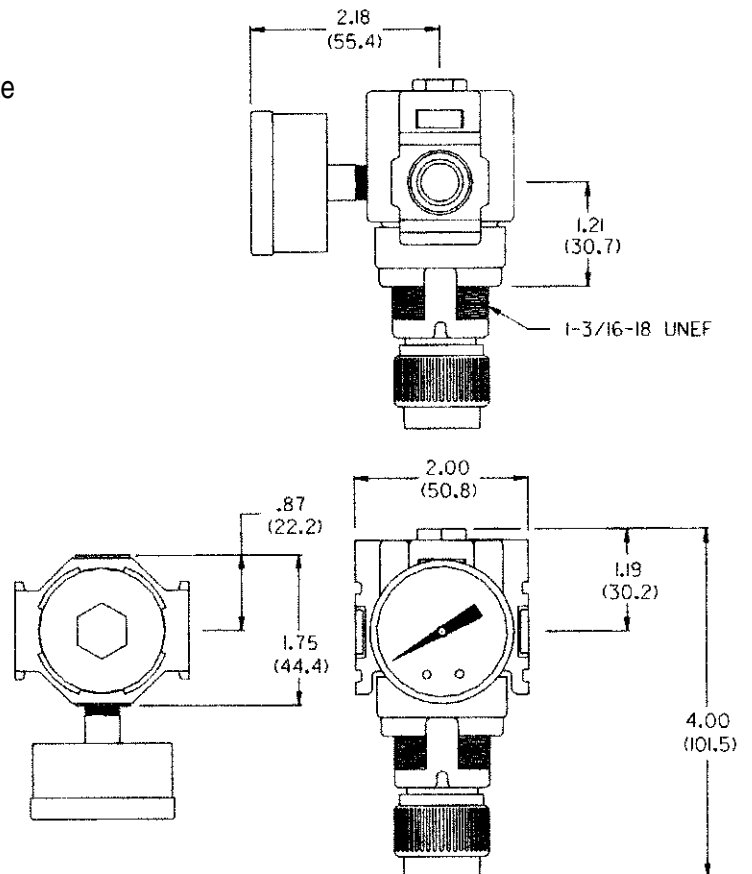
Body:	Glass Reinforced Composite
Seals:	Buna-N
Diaphragm:	Buna-N
Valve Spring:	Stainless Steel
Spring Housing:	Glass Filled Nylon
Cap and Knob:	High Impact ABS
Gauge Port:	1/8" NPT

Operating Conditions

Temperature Range:	0° to 125° F (-18° to 52° C)
Max. Inlet Pressure:	250 PSIG (17 bar)
Flow:	Air flow is at 100 PSIG (6.9 bar) inlet and 90 PSIG (6.2 bar) outlet 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, relieving and control 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.)	RELIEVING TYPE REGULATORS			
			Without Gauge		With Gauge	
			5-125 PSIG	0-50 PSIG	5-125 PSIG	0-50 PSIG
1/8"	13	1.38 (.63)	R27111-100	R27111-200	R27111-600	R27111-700
1/4"	13	1.34 (.61)	R27121-100	R27121-200	R27121-600	R27121-700

Basic Model No. Port Size NPT

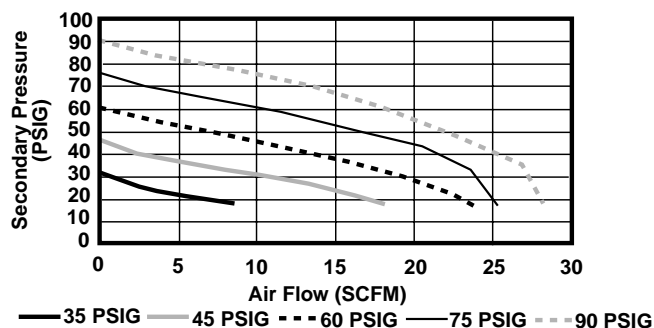
- R 2 7 1 1 1 - X X X 1/8" with Brass Insert
- R 2 7 1 2 1 - X X X 1/4" with Brass Insert
- R 2 7 1 3 1 - X X X 1/8" Molded Thread (No Insert)
- R 2 7 1 4 1 - X X X 1/4" Molded Thread (No Insert)

Control Option

- 0 - Standard Knob
- 3 - Tamper Resistant

Relieving Option

- 0 - Relieving
- 2 - Non-Relieving



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 0-150 lb. (#100095-160)
- 7 - 0-50 (0-.35) w/gauge 0-60 lb. (#29863)

Accessories



104263 Clamp Kit

Kit Includes:
Two Clamps,
Screws and
O-Rings



100095-160



104262 T-Type Wall Mount Bracket Kit

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

Model No. Description

- 29668 Mounting Bracket
- 104094 Panel Mount Nut
- 104039 Stub Mount
- 104255 Service Kit, Relieving
- 104256 Service Kit, Non-Relieving
- 104109 Tamper Resistant Knob Kit
- 29863 Gauge 0-60 PSIG
- 100095-160 Gauge 0-150 PSIG
- 29850 Gauge 0-160 PSIG
- 29846 Gauge 0-15 PSIG
- 104265 Nut & Bracket Kit
(Includes 104094 Nut & 29668 Bracket)
- 29539 Spring 5-125 lb. (Gold)
- 29540 Spring 0-50 lb. (Green)
- 29754-1 Spring 0-25 lb. (Blue)
- 29622 Spring 0-15 lb. (Black)