Air Filter/Regulator

TA987

- Cast Aluminum Housing
- Removable Nylon Mesh Filter
- Low Air Consumption
- Drip Well

The Trerice **TA987 Air Filter/Regulator** is recommended for filtering and regulating the pressure of plant compressed air to deliver clean, dry air at the proper pressure to pneumatic control devices. Supply air enters the inlet port, passes through the filtering element, and exits through the reducing valve to the outlet port. The filtering element removes particles as small as 40 microns. A drip well is provided for the accumulation of oil and water and a drain cock is included to allow purging of the unit. The filtering element is readily accessible for cleaning by removal of the drip well bowl.

The maximum allowable supply pressure to TA987 Air Filter/Regulator is 250 psig. Improper application may cause failure of the regulator, resulting in possible personal injury or property damage.

Specifications

Model
TA987

Air Requirements
Maximum Supply Pressure: 250 psig

Output Range: 0 to 30 psig, adjustable

Sensitivity: 0.036 psig

Air Consumption: <6 SCFH

Air Requirements (cont.)
Flow Rate: 20 SCFM at 100 psig supply/20 psig output

Relief Capacity: 0.1 SCFM at 5 psig above setpoint

Effect of Supply Pressure Variation: <0.2 psig for 25 psig

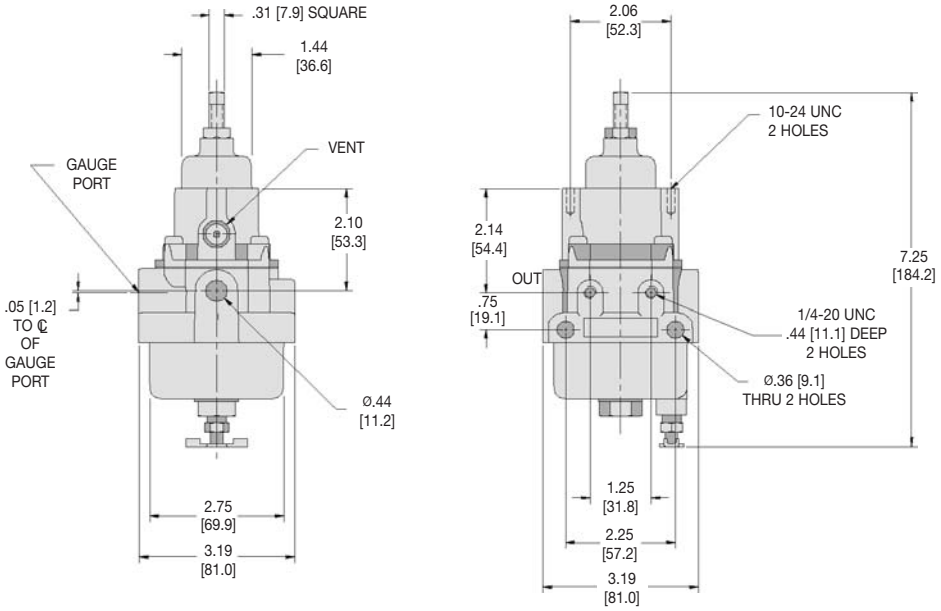
Filter
Removes particles 40 microns or greater

Port Size
1/4 NPT

Housing
Cast aluminum

Mounting
Side, pipe, panel or through body

Ambient Temperature
-20°F (-30°C) to 160°F (71°C)

Approximate Shipping Weight
1.9 lbs [0.86 kg]

All dimensions are nominal. Dimensions in [ ] are in millimeters.