



**HIGH FLOW, C_v 5.0
LOW PRESSURE
AIR LOADED
Back Pressure Regulators**



PREMIER INDUSTRIES

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MADE IN THE USA

Minneapolis, MN

DESCRIPTION

Premier 5150AL Series air loaded, single stage, high flow, low pressure, piston sensed, back pressure regulators, designed for control pressures up to 600 PSIG (41.37 bar), and C_v 5.0. The 5150AL features an air loader with a max load pressure of 100 PSIG (6.89 bar).

FEATURES

- Flow capacity (C_v): 5.0
- Compatible with electro pneumatic controllers
- Diaphragm sensed
- Economical pricing
- Machined bar stock body eliminates porosity found in castings

*The Premier 5150AL Series pressure reducing regulator's design is remarkably flexible.
Contact Premier Industries for a custom 5150AL Series regulator to meet your exact needs.*



HIGH FLOW, C_v 5.0 LOW PRESSURE AIR LOADED *Back Pressure Regulators*



SPECIFICATIONS

- **CONTROL PRESSURE:** 600 PSIG (41.37 bar)
- **MAX AIR LOAD:** 100 PSIG (6.89 bar)
- **FLOW (C_v):** 5.0

MATERIALS OF CONSTRUCTION

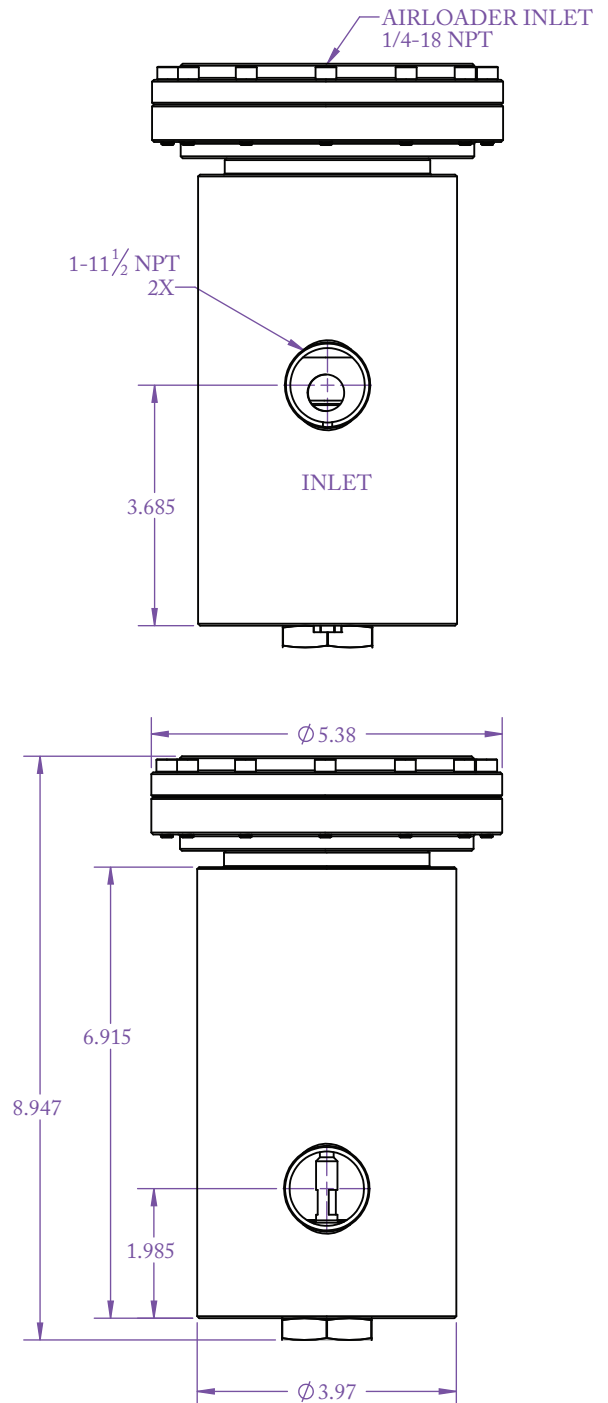
- **BODY OPTIONS:**
 - 316 Stainless Steel
 - 303 Stainless Steel
 - 6061-T6 Aluminum, Clear Anodize
- **AIR LOADER HOUSING:** 6061-T6 Aluminum
- **PISTON:** 316 Stainless Steel
- **MAIN VALVE SEAT:** Vespel®
- **O-RINGS:** Buna-n
- **OTHER WETTED COMPONENTS:**
 - 316 Stainless Steel
 - 17-4 Stainless Steel

PORTING

- **STANDARD INLET:**
 - 1-11½" NPT
- **STANDARD OUTLET:**
 - 1-11½" NPT
- **AIR ACTUATOR:**
 - 1/4" FNPT

OPTIONS

- Prive labeling



(Part number: 30-10230 shown above)



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PART NUMBER	-	1
30-10230	-	

1	BODY MATERIAL OPTIONS
1	303 Stainless Steel
2	316 Stainless Steel
3	6061-T6 Aluminum
<i>Contact facility for other material options.</i>	