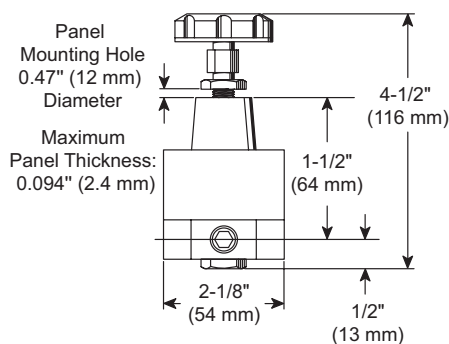
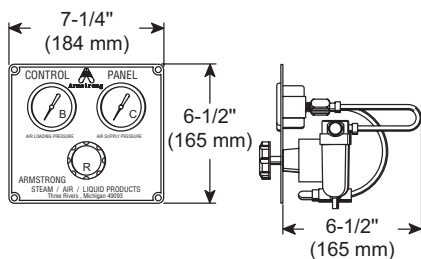
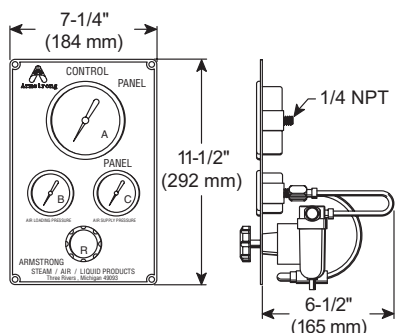


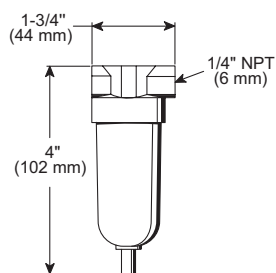
Armstrong® Control Panels & Air Loaders

Armstrong Control Panels and Air Loaders are designed to provide the necessary air loading signal to control any air-operated pressure reducing valve. While designed specifically to control Armstrong pressure reducing valves such as the GP-2000K-1, 3 & 6, GD-2000K and GP-1000, these panels can remotely control other air-loaded valves. Panel is of rigid lightweight anodized aluminum for easy handling and installation. Control panel comes fully assembled with gauges suited to applications. Panel mate regulator and panel mate filter are standard on panels and are also available separately.

Pressure and Temperature Controls



Panel Mate Regulator



Panel Mate Filter



"A" Panel

"Y" Panel

For a fully detailed certified drawing, refer to:
 "A" Panel CDY #1028
 "Y" Panel CDY #1029

Materials of Construction—Panel Mate—Filter		
Name of Part	Panel Mate	Filter
Body		Zinc
Bottom plug	Brass	—
Pilot diaphragm	Nitrile	—
Main diaphragm	Nitrile	—
Pilot valve	Stainless steel	—
Main valve	Polycarbonate	—
Main valve seat	Teflon	—
Bowl	—	Zinc
Element	—	Porous polypropylene
Elastomers	Nitrile, neoprene and polyurethane	Nitrile and neoprene

NOTE: Panel material is anodized aluminum.

Specifications—Control Panel		
Standard Pressure Gauge Ranges		
Gauge	"A" Panel	"Y" Panel
"A" psig (bar)	0 - 100 (0 - 7)	—
"B" psig (bar)	0 - 100 (0-7)	—
"C" psig (bar)	0 - 200 (0-14)	—
Optional: Gauge "A" Ranges psig (bar)	0 - 30, 0-200, 0-300 (0-2, 0-14, 0-20)	—
Optional: Gauge "B" and "C" Ranges psig (bar)	0-30, 0-100, 0-200, 0-300 (0-2, 0-7, 0-14, 0-20)	—
Max. Inlet Air Pressure psig (bar)	200 (14)	—
Max. Outlet Air Pressure psig (bar)	150 (10)	—

Specifications—Panel Mate—Regulator and Filter				
	*Regulator		Filter	
	psig	bar	psig	bar
Inlet pressure maximum	200	14	250	17
Outlet pressure maximum	150	10	—	—
Temperature maximum, °F (°C)	160 (71)		175 (79)	

*NOTE: Use a panel mate filter upstream of regulator to prevent fouling.