

MPL-70, MPLT-70 Mini Panel Loading Stations

Specifications

Minimum Supply Pressure
50 psig, [3.5 BAR], (350 kPa)

Maximum Operating Supply Pressure
250 psig, [17 BAR], (1700 kPa)

Flow Capacity
2.5 SCFM (4.25 m³/HR) @ 100 psig, [7.0 BAR], (700 kPa) supply, 30 psig, [2.0 BAR], (200 kPa) setpoint

Supply Pressure Effect
0.05 psig, [.003 BAR], (.35 kPa) change in output for 5 psig, [.35 BAR], (35 kPa) change in supply pressure

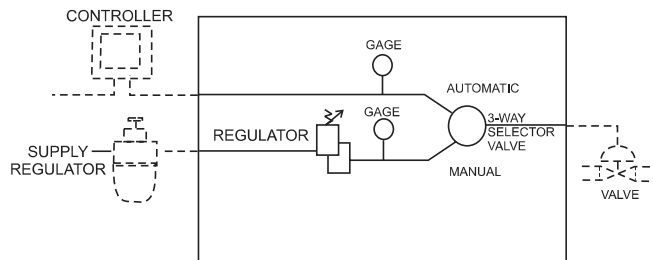
Air Consumption
0.05 SCFM (.085 m³/HR) on dead-end service; 20 psig, [1.5 BAR], (150 kPa) supply; 9 psig, [.6 BAR], (60 kPa) output

Ambient Temperature . . . -40°F to +160°F,
(-40°C to 71°C)

Materials of Construction

Regulator Brass, Viton (Fluorocarbon), Fiberglass
Three-way Valve Brass, Steel,
Gage Zinc Plated Steel, Brass
Hose Plastic

Model MPLT-70 Schematic Panel Loading Station with Transfer Function



E
Models
MPL-70
MPLT-70

Service Information

A Service Kit is available for the Model 70B Regulator, refer to the *Fairchild Model 70B Installation, Operation and Maintenance Instructions*, IS-1000070B.

Catalog Information

Catalog Number [] [] [] [] [] []

Panel
with Transfer Function . . . MPLT¹
without Transfer Function . . . MPL

Regulator
Model 70 70

Gage Type
Single (MPLT Only) S
Dual (MPLT Only) D
Leave Blank for MPL

Gage Type
Plain Vertical PV
Plain Horizontal PH
Receiver Vertical² (Graduated 0-100%) RV
Receiver Horizontal² (Graduated 0-100%) RH

Regulator Range³
15 psig [1.0 BAR] (100 kPa) 15
30 psig [2.0 BAR] (200 kPa) 30
60 psig [4.0 BAR] (400 kPa) 60
100 psig [7.0 BAR] (700 kPa) 100

Gage Range
15 psig [1.0 BAR] (100 kPa) 15
30 psig [2.0 BAR] (200 kPa) 30
60 psig [4.0 BAR] (400 kPa) 60
100 psig [7.0 BAR] (700 kPa) 100

¹ MPLT Only available in 15 psig, [1 BAR], (100 kPa) and 30 psig, [2 BAR], (200 kPa) ranges.

² 0-100% scale for 3-15 psig, [0.2-1.0 BAR], (20-100 kPa) range.

³ To avoid gage damage, the regulator range should be equal to or less than the gage range.