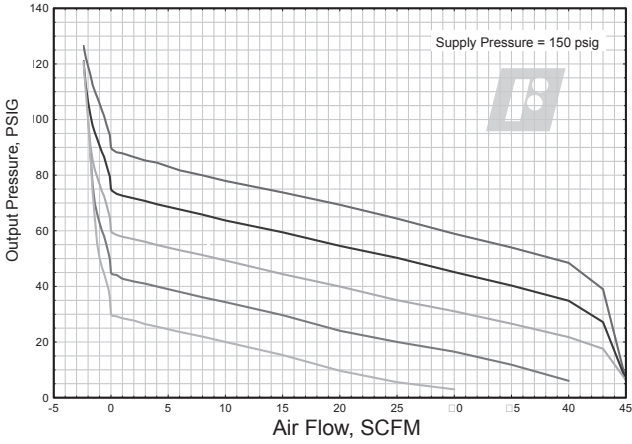


Technical Information

Flow Characteristics
Fairchild Model 65952



Specifications

Supply Pressure

300 psig, [21.0 BAR], (2100 kPa) Maximum

Flow Capacity (SCFM)

25 (42.5 m³/HR) @ 100 psig, [7 BAR], (700 kPa) supply and 20 psig, [1.5 BAR], (150 kPa) setpoint

Exhaust Capacity (SCFM)

0.8 (1.36 m³/HR) where downstream pressure is 5 psig, [.35 BAR], (35 kPa) above 20 psig, [1.5 BAR], (150 kPa) setpoint. (0.8 scfm for 120 # unit)

Supply Pressure Effect

Less than 1.25 psig, [.09 BAR], (9 kPa) change for 100 psig, [7.0 BAR], (700 kPa) change in supply pressure (1.90 psig for 120 psig Range)

Sensitivity

1" (2.50 cm) Water Column

Temperature Range

-40° F to + 180° F, (-40° C to + 82° C)

-60° F to + 180° F, (-51° C to + 82° C); for L Option

Materials of Construction

Body and Housing Epoxy Coated Aluminum

Trim Zinc Plated Steel, Brass

Elastomers Nitrile on Dacron

Catalog Information

Catalog Number



Low Temp. Option **L**

Models

64. 48
65. 59

Pressure Range

psig	[BAR]	(kPa)	
0.5-30	[0.03-2]	(3-200) . . .	3
1-60	[0.10-4]	(10-400) . .	4
2-120	[0.15-8]	(15-800) . .	5

Pipe Size

1/4" NPT **2**

Port Thread

NPT **N**
BSPP ¹ **H**
BSPT **U**

Actuator

Actuator Knob Adjust. **K**
Screw. **S**
Tamper Proof **T**

Options

Quick Bleed **C**
Tapped Exhaust and Sealed Bonnet **E**
2" Gauge (Gage port is NPT Only) **G**
Screen in Exhaust. **M**
Stainless Steel Trim **S**
Panel Mount. **P**

¹BSPP Threads in Inlet & Outlet Ports Only. Others BSPT.

Installation

For installation instructions, refer to the *Fairchild Model 64, 65 Pneumatic Service Regulator Installation, Operation and Maintenance Instructions*, IS-10000064, IS-10000065.