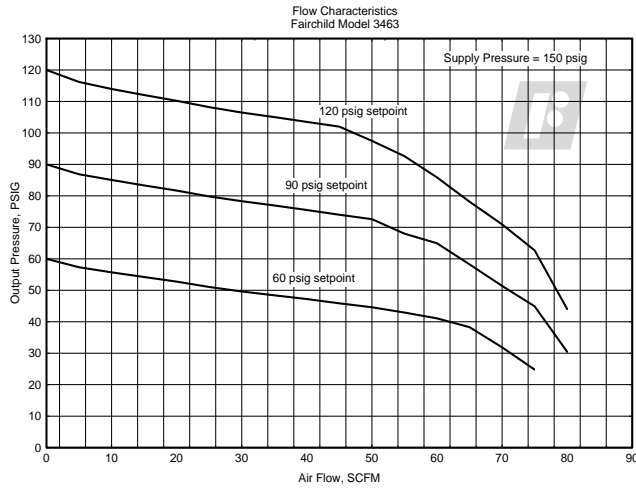


Technical Information



Specifications

Supply Pressure

250 psig, [17.0 BAR], (1700 kPa) Maximum

Flow Capacity

50 SCFM (85 m³/HR) @ (100 psig, [7.0 BAR], (700 kPa) supply, 20 psig, [1.5 BAR], (150 kpa) setpoint

Exhaust Capacity

8 SCFM (13.6 m³/HR) for downstream pressure 5 psig, [.35 BAR], (35 kPa) above set pressure

Effect of Supply Pressure Variation

Less than 0.1 psig, [.007 BAR], (.7 kPa) per 100 psig, [7.0 BAR], (700 kPa) change

Sensitivity

0.5" (1.27 cm) Water Column

Ambient Temperature Limits

-40°F to +200°F, (-40°C to + 93.3°C)

Mounting

Panel

Materials of Construction

Body.....Zinc
DiaphragmsBuna N and Dacron
TrimZinc Plated Steel and Plastic

Catalog Information

Catalog Number

3 4

Pressure Range

psig [BAR] (kPa)

0.5-10	[0.035-0.7]	(3.5-700)	.....	2
0.5-30	[0.035-2]	(3.5-200)	.....	3
1-60	[0.07-4]	(7-400)	.....	4
2-150	[0.15-10]	(15-1000)	.....	6

Pipe Size

1/4" NPT	.....	2
3/8" NPT	.....	3

Service Kit

A Service Kit is available for the Model 3400. Refer to the *Fairchild Model 3400 Installation, Operation and Maintenance Instructions*, IS-10003400.