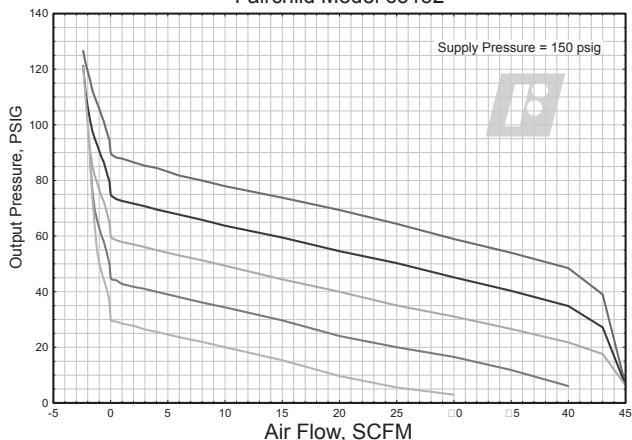




Technical Information

Flow Characteristics
Fairchild Model 63152



Specifications

Supply Pressure

300 psig, [20 BAR], (2000 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)

Consumption

Undetectable

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)

Materials of Construction

Body and Housing Epoxy Coated Aluminum

Trim Stainless Steel, Nickel Plated Steel,
Zinc Plated Steel

Elastomers Nitrile

Catalog Information

Catalog Number 6 3 2 2

Pressure Range

psig	[BAR]	(kPa)	
0.5-30	[0.03-2]	(3-200)	3
1-60	[0.07-4]	(7-400)	4
2-120	[0.14-8]	(14-800)	5

Port Size

1/4" 2

Port Thread

NPT N
 BSPP H
 BSPT U

Actuator

Knob K
 Screw S
 Tamper Proof T

Options

Stainless Steel Trim/Drain S
 Screen in Exhaust Port M
 Quick Bleed Valve C
 2" Pressure Gauge Option (NPT Only) G

Installation Instructions

For installations instructions, refer to the *Fairchild Model 63 Pneumatic Filter Regulator Instruction, Operation and Maintenance Instructions, IS-10000063*.