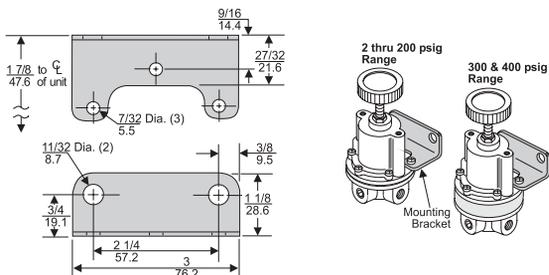
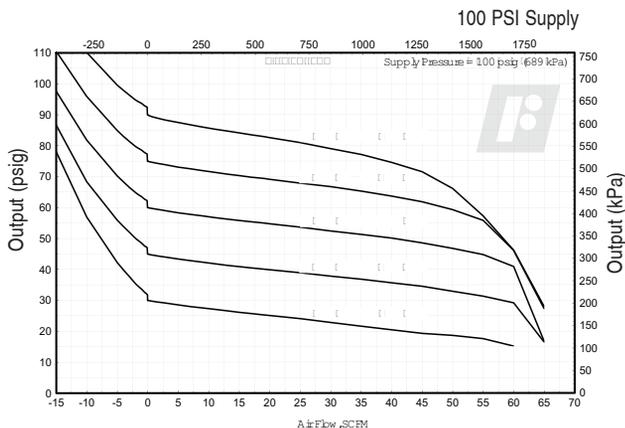




**Technical Information**

**Fairchild Model 10262**



Mounting Bracket: 09921 (sold separately)  
14523 (sold separately)

**Model 10 Regulator Kits & Accessories**

Mounting Bracket Kit .....09921 (Zinc Plated Steel)  
14523 (316 Stainless Steel)

**Specifications**

**Supply Pressure**

500 psig, [35.0 BAR], (3500 kPa) Maximum

**Flow Capacity**

40 SCFM (68 m<sup>3</sup>/HR) @ 100 psig, [7.0 BAR], (700 kPa) supply and 20 psig, [1.5 BAR], (150 kPa) setpoint

**Exhaust Capacity**

5.5 SCFM (9.35 m<sup>3</sup>/HR) where downstream pressure is 5 psig, [.35 BAR], (35 kPa) above 20 psig, [1.5 BAR], (150 kPa) setpoint

**Supply Pressure Effect**

Less than 0.1 psig, [.007 BAR], (.7 kPa) for 100 psig, [7.0 BAR], (700 kPa) change in supply pressure

**Sensitivity**

1/8 in Water Column [0.31 mBAR (0.031 kPa)]

**Ambient Temperature**

-40°F to +200°F, (-40°C to 93.3°C)

**Hazardous Locations**

Acceptable for use in Zones 1 and 2 for gas atmosphere; Groups IIA and IIB and Zones 21 and 22 for dust atmospheres

**Materials of Construction**

Body and Housing .....Aluminum  
Diaphragms ..... Buna N on Dacron (Std. unit only)  
Trim ..... Brass, Zinc Plated Steel

**Catalog Information**

Catalog Number 102

**Pressure Range**

psig [BAR] (kPa)

0-2	[0-0.15]	(0-15)
0-10	[0-0.70]	(0-70)
0-20	[0-1.5]	(0-150)
.5-30	[0.03-2]	(3-200)
1-60	[0.1-4]	(10-400)
2-150	[0.1-10]	(15-1000)
3-200	[0.2-14]	(20-1400)
5-300	[0.3-21]	(35-2100)
5-400	[0.3-28]	(35-2800)
5-500	[0.3-35]	(35-3500)

1
2
0
3
4
6
7
8
9
A <sup>6</sup>

**Pipe Size**

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

**Options**

	A	B	C	D	E	H	J	L	N	P	R	S	T	U	Y
Silicone Elastomers <sup>1</sup>	A	-	Y	Y	N	Y	Y	N	Y	Y	Y	Y	Y	Y	N
Low Bleed	B	Y	-	Y	N	Y	Y	Y	N	N	Y	Y	Y	Y	Y
Check Valve <sup>2</sup>	C	Y	Y	-	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N
No Bleed <sup>7</sup>	D	N	N	Y	-	Y	Y	Y	N	N	Y	Y	Y	Y	N
Tapped Exhaust	E	Y	Y	Y	Y	-	Y	Y	Y	Y	N	Y	Y	Y	Y
BSPP (Parallel) <sup>3</sup>	H	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	N
Fluorocarbon Elastomers	J	N	Y	Y	N	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
Low Flow	L	Y	N	Y	N	Y	Y	Y	-	N	Y	Y	Y	Y	Y
Non-Relieving	N	Y	N	N	Y	Y	Y	Y	N	-	Y	Y	Y	Y	Y
Panel Mount <sup>4</sup>	P	Y	Y	Y	Y	Y	Y	Y	Y	-	N	Y	N	Y	Y
Plunger Operated <sup>5</sup>	R	Y	Y	Y	Y	N	Y	Y	Y	Y	N	-	N	N	Y
Screwdriver Adjust	S	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	-	N	Y
Tamper Proof	T	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	-	Y
BSPT (Tapered)	U	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	-
No Yellow Metals <sup>6</sup>	Y	N	Y	N	N	Y	Y	Y	Y	Y	Y	N	Y	Y	-

Option Compatibility Chart: "Y" in Box = Compatible options

- <sup>1</sup> Maximum Supply Pressure - 75 psig, [5.0 BAR], (500 kPa)
- <sup>2</sup> Maximum Supply Pressure - 250 psig, [17.0 BAR], (1700 kPa)
- <sup>3</sup> BSPP Threads in Inlet & Outlet Ports Only. Others BSPT
- <sup>4</sup> Panel Mount available for ranges 1, 2, 0, 3, 4 and 6 only
- <sup>5</sup> See Table 1 for Push Rod Travel and Thrust
- <sup>6</sup> Must Include the J Option
- <sup>7</sup> Nitrile and Fluorocarbon Elastomers Only

**Table 1 - Plunger Operated Regulator Parameters**

Range	Push Rod Travel (inches)	Push Rod Thrust (pounds)
0-2 psig	.560 ± 10%	6.28 ± 10%
0-10 psig	.668 ± 10%	31.4 ± 10%
0-20 psig	.668 ± 10%	62.8 ± 10%
0.5-30 psig	.673 ± 10%	94.2 ± 10%
1-60 psig	.698 ± 10%	188.4 ± 10%
2-150 psig	.589 ± 10%	188.4 ± 10%
5-300 psig	.589 ± 10%	471.0 ± 10%
3-200 psig	.418 ± 10%	628.0 ± 10%
5-400 psig	.418 ± 10%	628.0 ± 10%