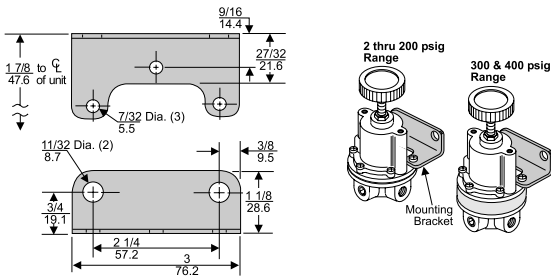
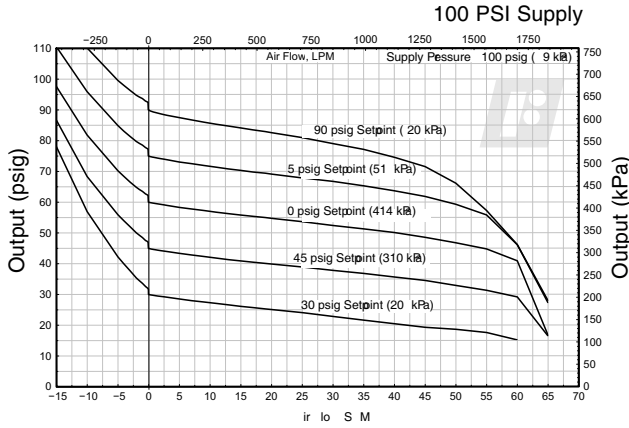




Technical Information

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

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

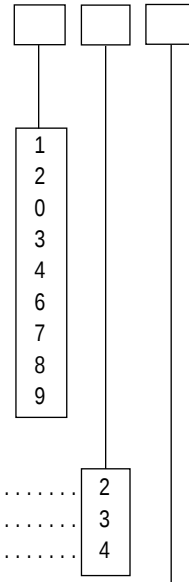
Body and Housing .....Aluminum  
Diaphragms .....Buna N on Dacron (Std. unit only)  
Trim .....Brass, Zinc Plated Steel

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)



Pipe Size

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

Options

- Silicone Elastomers <sup>1</sup>
- Low Bleed
- Check Valve <sup>2</sup>
- Tapped Exhaust
- BSPP (Parallel) <sup>3</sup>
- Fluorocarbon Elastomers
- Low Flow
- Non-Relieving
- Panel Mount <sup>4</sup>
- Plunger Operated <sup>5</sup>
- Screwdriver Adjust
- Tamper Proof
- BSPT (Tapered)
- No Yellow Metals**

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

<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.

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%
.5-30 psig	.673 ± 10%	94.2 ± 10%
1-60 psig	.698 ± 10%	188.4 ± 10%
2-150 psig	.589 ± 10%	471.0 ± 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