



11438

FEATURES AND BENEFITS



Air pressure regulator

- Diaphragm-type air pressure regulators feature a balanced valve design.
- Relieving style automatically relieves excessive pressure in a regulated line.
- Regulated line pressure can be reduced with adjusting knob even when line is dead ended.
- Non-relieving regulator available.
- Bodies and bonnets constructed of die cast aluminum, zinc or stainless steel.
- Stainless steel versions meet NACE standard MR-01-75 for corrosion resistance.
- Regulated pressures from 5 to 125 psi (0.3 to 8.5 bar) with supply line pressures up to 300 psi (20 bar).
- Operating temperature range maximums are 0° to 175°F (-15° to +80°C) with dewpoint less than air temperatures below 35°F (2°C).
- Gauges supplied separately.

REGULATORS

Main Port (in.)	Gauge Ports (in.)	Regulator Type	
		Relieving	Non-Relieving
1/4	1/4	●	●
1/4	1/8	●	
3/8	1/4	●	●
1/2	1/4	●	●
1/2	1/4	●	
3/4	1/4	●	●
1	1/4	●	●

RELIEVING-TYPE

Regulator Number	Material	Main Ports (in.)	Gauge Ports (in.)
11438-45	Zinc	1/4	1/4
11438-45S	316 Stainless Steel	1/4	1/8
11438-46	Zinc	3/8	1/4
11438-47	Zinc	1/2	1/4
11438-47S	316 Stainless Steel	1/2	1/4
11438-48	Aluminum	3/4	1/4
11438-49	Aluminum	1	1/4

NON-RELIEVING-TYPE

Regulator Number	Material	Main Ports (in.)	Gauge Ports (in.)
11438-35	Zinc	1/4	1/4
11438-36	Zinc	3/8	1/4
11438-37	Zinc	1/2	1/4
11438-38	Aluminum	3/4	1/4
11438-39	Aluminum	1	1/4

DIMENSIONS AND WEIGHTS

Standard	Regulator Number 11438-	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)
	35, 36, 45, 46	3-11/16 (94)	1-7/16 (37)	5-1/8 (130)	2-3/4 (70)	2 (51)
	37, 47	4-3/8 (111)	1-1/2 (38)	5-7/8 (149)	3-1/2 (89)	2-1/4 (57)
	38, 39, 48, 49	4-1/2 (114)	2-3/8 (60)	6-7/8 (174)	4-1/4 (108)	2-1/4 (57)
	45S	2-3/8 (60)	3/8 (10.0)	2-3/4 (70)	1-1/2 (38)	1-1/2 (38)
	47S	6-3/16 (157)	1-5/8 (41)	7-13/16 (198)	3-1/2 (89)	2-1/4 (57)

Based on the largest version of each type.

ORDERING INFO

AIR PRESSURE REGULATOR
11438-45
 Regulator No.

