

Water Regulator

1/4" PTF, 3/8" PTF, and 1/2" PTF port sizes
Non-relieving models

Brass body, corrosion resistant construction

Full flow gauge ports can be used as auxiliary outlets

TECHNICAL DATA

Fluid:

Water and compressed air

Maximum pressure:

400 psig (27 bar)

Operating temperature:

Water service: 35° to 200°F (2° to 93°C)

Air service: -30° to 200°F (-34° to 93°C)*

* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

R43 Gauge ports

- 1/4" PTF with PTF main ports
- 1/4" ISO G with ISO G main ports
- 1/4" ISO Rc with ISO Rc main ports

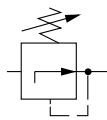
11-009 Gauge ports:

- 1/8" PTF with PTF main ports
- G1/8 with ISO G main ports
- Rc1/4 with ISO Rc main ports

Materials:

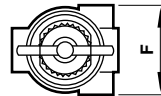
- Body: Brass
- Bonnet: Aluminum
- Valve: Brass
- Bottom plug: Brass
- Elastomers: Nitrile

ISO Symbol

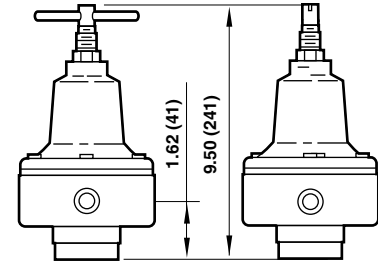
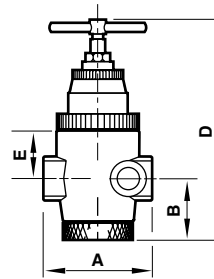
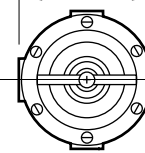


R43

11-009



5.00 (127)



Port Size	A	B	C	D	E	F
1/4", 3/8"	2.76 (70)	1.52 (39)	4.86 (124)	5.75 (146)	1.21 (31)	2.31 (59)
1/2"	3.34 (85)	1.59 (41)	5.01 (127)	5.90 (150)	1.28 (33)	2.44 (62)

Models

R43 SERIES Model No.	Port connection (lpm)	Flow† U.S. gpm PSIG (bar)	Output pressure adjustment range*
----------------------	-----------------------	---------------------------	-----------------------------------



R43 201 NNLA	1/4"	6 (23)	5 to 125 (0.3 to 8.5)
R43 301 NNLA	3/8"	6 (23)	5 to 125 (0.3 to 8.5)
R43 406 NNLA	1/2"	9 (34)	5 to 125 (0.3 to 8.5)

† Typical flow with 150 psig (10 bar) inlet pressure, 90 psig (6.3 bar) set pressure and 15 psig (1 bar) droop from set.

Accessories

Mounting bracket with nut	Service kit**
---------------------------	---------------

11-009 SERIES Model No.	Port connection (lpm)	Flow† U.S. gpm PSIG (bar)	Output pressure adjustment range*
-------------------------	-----------------------	---------------------------	-----------------------------------



11 009 065	3/4"	27.5 (104)	5 to 125 (0.3 to 8.5)
11 009 081	1"	27.5 (104)	5 to 125 (0.3 to 8.5)

	Service **kit
	5298-03
	5298-03
	5298-10

** Kit includes: Diaphragm, O-rings, valve, valve spring

* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

† Typical flow with 100 psig (6.9 bar) inlet pressure, 60 psig (4 bar) set pressure and 15 psig (1 bar) droop from set.

** Kit includes: Diaphragm, valve seat, valve pin, valve pin gasket, valve, valve spring, O-rings



Service – Quality – Delivery

NorgrenExpress.com – 1.800.514.0129 – Help@NorgrenExpress.com