

# Full-Size SERIES 380 Modular General Purpose Regulators

# R380 Models Port Sizes: 3/8, 1/2, 3/4

## Available Color Caps



Model Shown: R380-6G

**Yellow**  
(optional)



**Red**  
(optional)



**Blue**  
(optional)



**Grey**  
(standard)



- ◆ Modular or inline mounting. Modular mounting allows regulators to be positioned at increments of 45° for ease in adjustment.
- ◆ Self-relieving diaphragm design; large diaphragm sensing ratio; non-relieving optional.
- ◆ Pressure gauge.
- ◆ Pressure adjustment locking key; tamper-resistant pressure setting.
- ◆ NPTF port threads; optional BSPP threads.

## SPECIFICATIONS

### Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

### Body:

Zinc.

### Dome:

Nylon; aluminum with optional 0-175 psig spring.

### Cap Color:

Accent grey. Yellow, red, and blue optional.

Fluid Media: Compressed air.

### Inlet Pressure:

300 psig (21 bar) maximum.

### Knob:

Acetal

### Outlet Pressure:

Adjustable up to 125 psig (8.6 bar); optional adjusting springs.

### Pressure Adjustment Locking Key:

Removable.

### Pressure Gauge:

0 to 200 psig (14 bar); 1/4 NPT gauge ports front and rear.

### Panel Mounting:

2-1/16 inch (52 mm) hole required.

### Seals:

Nitrile.

### Self-relieving:

Non-relieving optional.

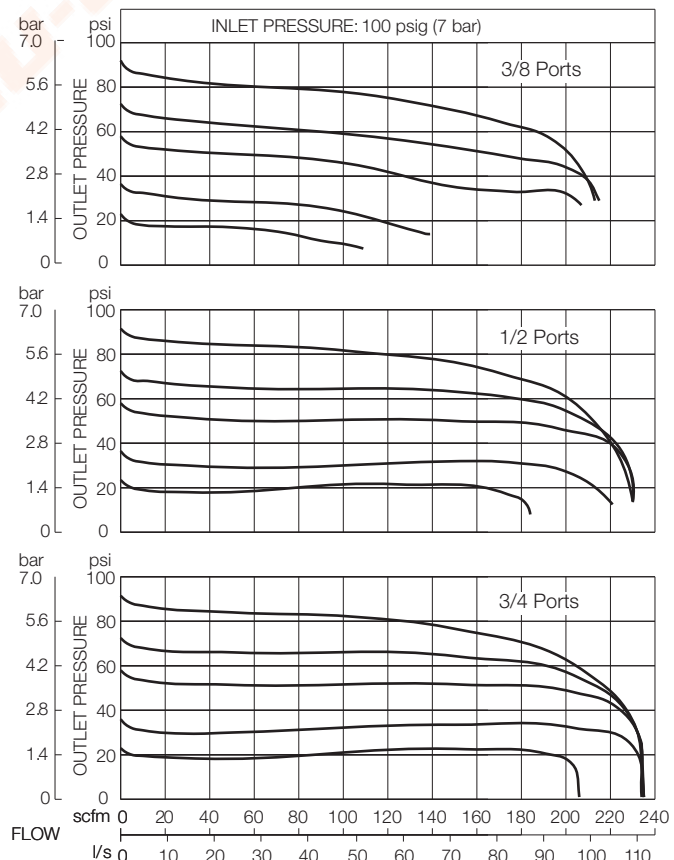
### Valve:

Brass.

### Valve Cap:

Nylon.

## FLOW CHARTS



บริษัท ฟลูเทค จำกัด  
FLU - TECH CO., TD

845/3-4 หมู่ 3 ถ.เทพารักษ์ ต.เทพารักษ์ อ.เมือง จ.สมุทรปราการ 102070  
845/3-4 Thepharak RD., T. Thepharak, A. Muang, Samutprakan 10270 THAILAND  
Tel. 0 2384 6060, Fax 0 2384 5701, Email : sales@flutech.co.th, www.flutech.co.th

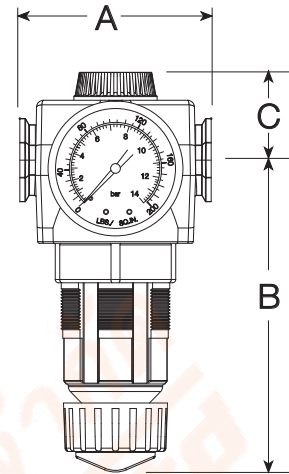
## DIMENSIONS inches (mm)

				Weight †
A	B *	C **	Depth †	lb (kg)
3.5 (87)	5.6 (142)	1.6 (40)	2.9 (73)	2.56 (1.16)

\* Dome removal clearance: add 0.625 (16).

\*\* Cap removal clearance: add 0.50 (13).

† Less gauge.



## ORDERING INFORMATION

Change the letters in the sample model number below to specify the regulator you want.

**R380 - 3 Y G W**

### PORT SIZE

3/8 NPTF.....	3
1/2 NPTF.....	4
3/4 NPTF.....	6

### OPTIONS (More than one option can be chosen.

Add in alphabetical order)

None ..... Leave Blank

Non-relieving ..... A

Cap color: Grey is standard.

MP yellow ..... C1

Red..... C2

Mid blue..... C3

Internal bypass - reverse flow E

Springs: (0-125 psig standard)

For optimum performance operating pressure should fall approximately in the middle of the spring range.

0-175 psig (0-12 bar) ..... H\*\*

0-50 psig (0-3.4 bar) ..... L

0-20 psig (0-1.4 bar)..... L20

Metal Dome ..... MD

Limit maximum psig setting ..... M\*

Tee handle..... T

\* Insert maximum limited pressure.

\*\* H option spring includes metal dome.

### PORT TYPE

NPTF threads ..... Leave Blank

BSPF threads ..... W

### OPTIONS (More than one option can be chosen.

Add in alphabetical order)

None ..... Leave Blank

0-200 psig Gauge ..... G

Mounting nut ..... P

### MOUNTING BRACKETS

See page 320.

