

For OEM Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series P50 and P60

Miniature Plastic Water Pressure Regulators

Size: 1/4" (8mm)

Series P50 and P60 Miniature Plastic Water Pressure Regulators are ideal for applications where a small economical package is required. This series is also suitable for deionized water. Series P60 features a balanced piston design for applications where a constant downstream and accurate flow performance is required.



Features

- Corrosion resistant thermoplastic body
- Compact design and lightweight construction
- All external components are made of NSF approved thermoplastics
- All internal rubber components such as disc, diaphragm and seals are all FDA grade elastomers
- All internal metal components in contact with fluid are of 300 Series stainless steel
- Straight through or 90° inlet to outlet option
- High capacity
- Bottom "clean out plug" for service

Options

add suffix:

HC 3/4" (20mm) hose connection

G 1/4" (8mm) 0-160 gauge

S strainer

4 double gauge port

QD quick disconnect for plastic tubing

MK Mounting Kit

See Pressure-Temperature section for reduced pressure range options: 0-25psi, 0-60psi, or 0-125psi

Specifications

A miniature plastic water pressure regulator shall be installed where indicated on the plans. Regulator shall be corrosion resistant, compact and lightweight. Regulator shall be manufactured from NSF approved plastics and contain FDA grade internal rubber and metal parts. Regulator shall be a Watts Regulator Company Series P50 or P60.

WATTS®

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

Pressure – Temperature

Temperature Range – 33°F-150°F (0.5°C - 66°C)

Maximum Operating Pressure – 300psi (21.1 bar)

Reduced Pressure Range:

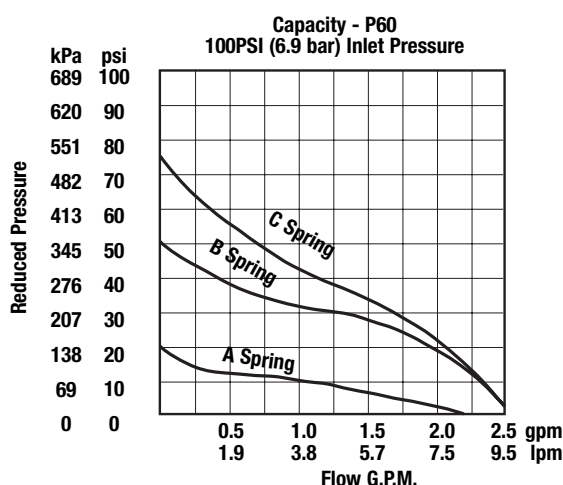
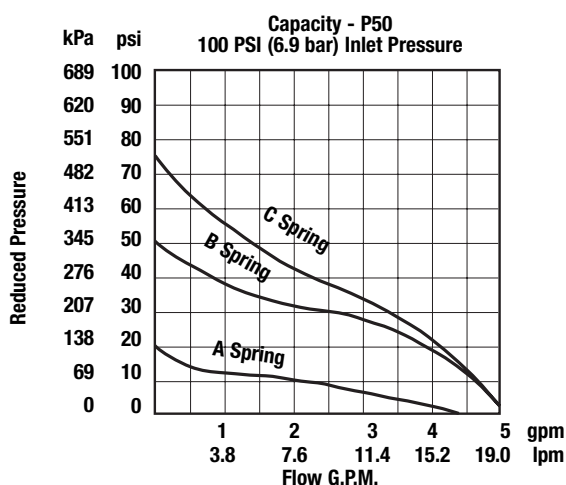
OPTION SUFFIX	RANGE	
	psi	bar
A	0-25	0-1.76
B	0-60	0-4.22
C	0-125	0-8.79

Materials

Body:	NSF grade Noryl® thermoplastic
Spring Cage:	NSF grade Acetal thermoplastic
Adjusting Screw:	NSF grade Acetal thermoplastic
Disc:	EDPM (FDA)
Diaphragm:	Buna-N (FDA)
Bottom Plug:	P50: NSF grade Polysulfone thermoplastic P60: NSF grade Acetal thermoplastic
O-Ring Seals:	Buna-N (FDA)
Bottom Spring:	300 Series stainless steel
Stem:	300 Series stainless steel

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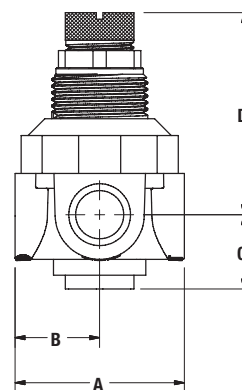
Capacity



NOTE: 1psi equals .07 bar
1 gpm equals 3.785 liters per minute

Dimensions - Weights

MODEL	SIZE (DN)		A		B		C		D MAX		D MIN		WEIGHT	
	in.	mm.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
P50	1/4	8	1 9/16	39	3/4	19.5	1 1/16	17	2 3/4	70	2 7/16	62	.25	.11
P60	1/4	8	1 9/16	39	3/4	19.5	1 1/16	17	2 3/4	70	2 7/16	62	.25	.11



Water Safety & Flow Control Products



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