

For Industrial Process Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Series 560, H560 Mini Water Pressure Reducing Valves*

**Sizes: 1/8", 1/4" & 3/4" Male x 3/4" Female
(3, 8 & 20 x 20mm) Hose Connection**

Series 560, H560 Mini Water Pressure Reducing Valves are designed to reduce incoming water pressure to a sensible level to protect plumbing system components and reduce water consumption. This series is ideal where a small economical package is required such as on special industrial process applications, miscellaneous plumbing applications and OEM equipment. Series 560 and H560 are suitable for water supply pressures up to 300psi (21 bar).

Features

- Rugged brass body
- Stainless steel stem and spring
- Oversized orifices
- Comes standard with 1/8" (3mm) gauge port (plugged)
- Heavy duty adjusting screw. Adjusting screw is both slotted and knurled.

Models

- 560** female threaded inlet x female threaded outlet
- H560** female hose connection inlet x male hose connection outlet for grid systems. Also used on recreational vehicles.

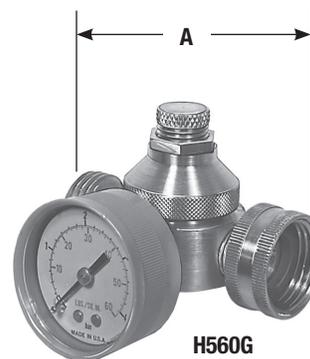
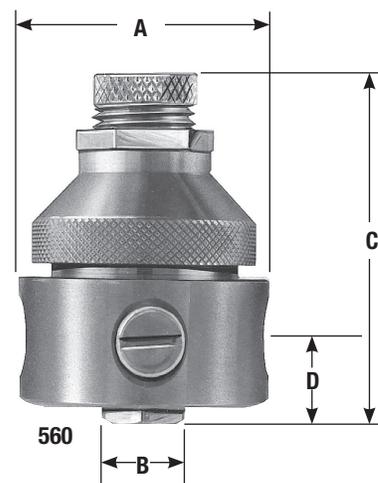
Options

- G** gauge

Specifications

A Mini Water Pressure Reducing Valve shall be installed where indicated on the plans. Valve shall have a brass body and stainless steel stem and spring. Valve shall come standard with a 1/8" gauge port. Valve shall be a Watts Series 560 (threaded), H560 (hose connection).

*A water saving test program concluded that reducing the supply pressure from 80 – 50psi (551 – 346 kPa) resulted in a water savings of 30%.



Dimensions – Weights

MODEL	DIMENSIONS				WEIGHTS					
	A		B		C		D		oz.	kgs.
	in.	mm	in.	mm	in.	mm	in.	mm		
560	1½	38	1/8	3	2	51	½	12.7	4.75	.14
560G	1½	38	1/8	3	2	51	½	12.7	6.50	.18
H560	3	76	1/8	3	2	51	½	12.7	5.50	.16
H560G	3	76	1/8	3	2	51	½	12.7	7.25	.21

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.



Materials

Body: Brass

Seat: Buna-N

Diaphragm: Buna-N

Stem: Stainless Steel

Spring: Stainless Steel

Pressure – Temperature

560

Temperature Range: 33°F – 140°F (.6°C – 60°C)

Maximum Working Pressure: 300psi (21 bar)

Reduced Pressure Range:

Suffix	Range		Std. set at	
	psi	bar	psi	bar
A	0 – 25	0 – 1.7	15	1.0
B	0 – 60	0 – 4.1	40	2.8
C	0 – 125	0 – 8.6	80	5.6

H560

Temperature Range: 33°F – 140°F (.6°C – 60°C)

Maximum Working Pressure: 150psi (10.3 bar)

Adjustable Reduced Pressure Range: 10 – 60psi (68.9 – 413.7 kPa)

Standard Reduced Pressure Setting: 40psi (276 kPa)

Delivery Capacity up to 250 gallons per hour

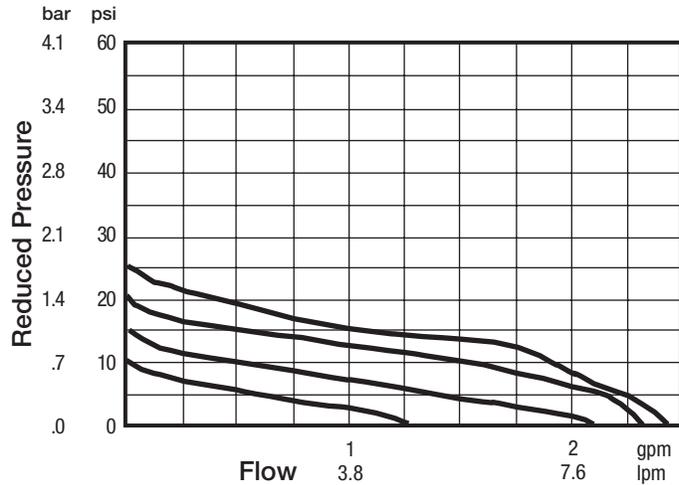
Standards

H560 listed by IAPMO.

Capacity

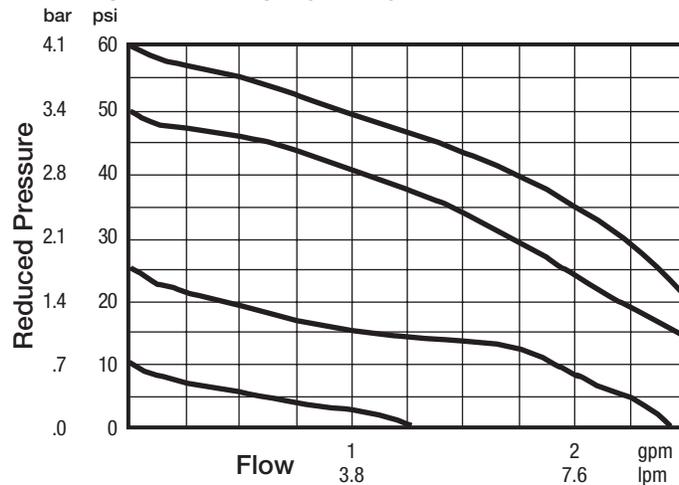
Reduced pressure range: 0 – 25psi (0 – 1.7 bar)

Initial pressure: 100psi (6.9 bar)



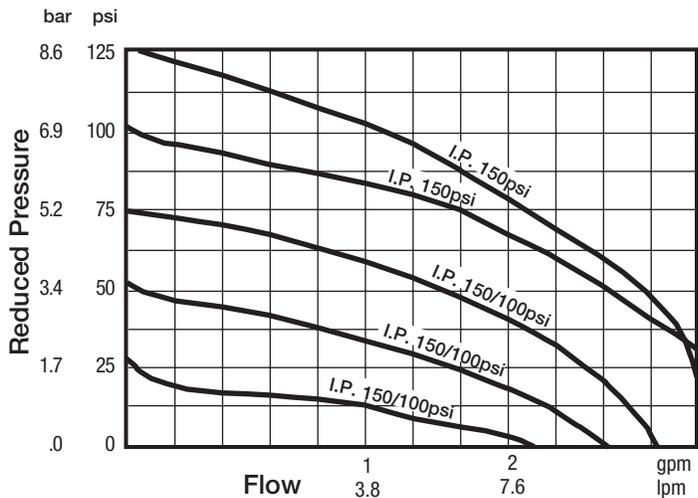
Reduced pressure range: 0 – 60psi (0 – 4.1 bar)

Initial pressure: 100psi (6.9 bar)



Reduced pressure range: 0 – 125psi (0 – 8.6 bar)

Initial pressure: 100 – 150psi (6.9 – 10.3 bar)



A Watts Water Technologies Company



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USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com

Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca