

## For Industrial Process Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

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 bars).

### 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.

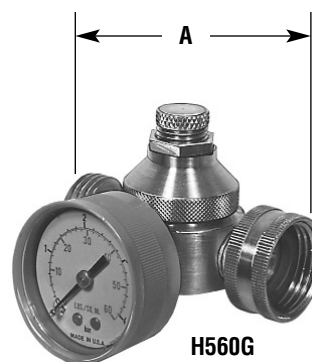
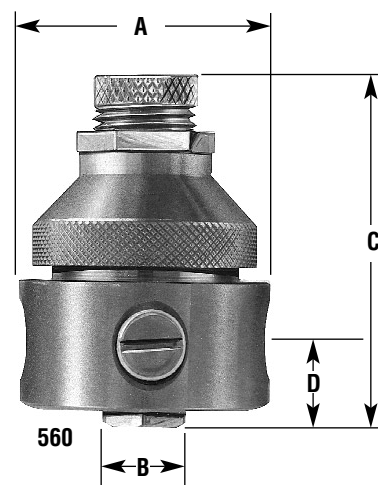
### Options

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 Regulator Company 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	1 1/2	38	1/8	3	2	51	1/2	12.7	4.75	.14
560G	1 1/2	38	1/8	3	2	51	1/2	12.7	6.50	.18
H560	3	76	1/8	3	2	51	1/2	12.7	5.50	.16
H560G	3	76	1/8	3	2	51	1/2	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.

**WATTS®**  
**REGULATOR**

## Materials

Body: Brass  
 Seat: Buna-N  
 Diaphragm: Buna-N  
 Stem: Stainless Steel  
 Spring: Stainless Steel

### 560

Temperature Range: 0°F – 140°F (-18°C – 60°C)  
 Maximum Working Pressure: 300psi (21 bars)  
 Reduced Pressure Range: 0 – 25psi (0 – 1.7 bars)  
   0 – 60psi (0 – 4.1 bars)  
   0 – 125psi (0 – 8.6 bars)

### H560

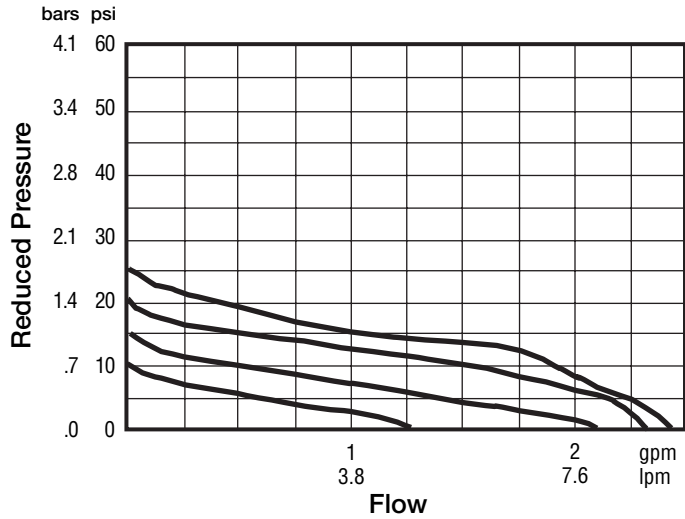
Temperature Range: 0°F – 140°F (-18°C – 60°C)  
 Maximum Working Pressure: 150psi (10.3 bars)  
 Adjustable Reduced Pressure Range: 10 – 60psi (68.9 – 413.7 kPa)  
 Standard Reduced Pressure Setting: 40psi (276 kPa)  
 Delivery Capacity up to 250 gallons per hour

## Standards

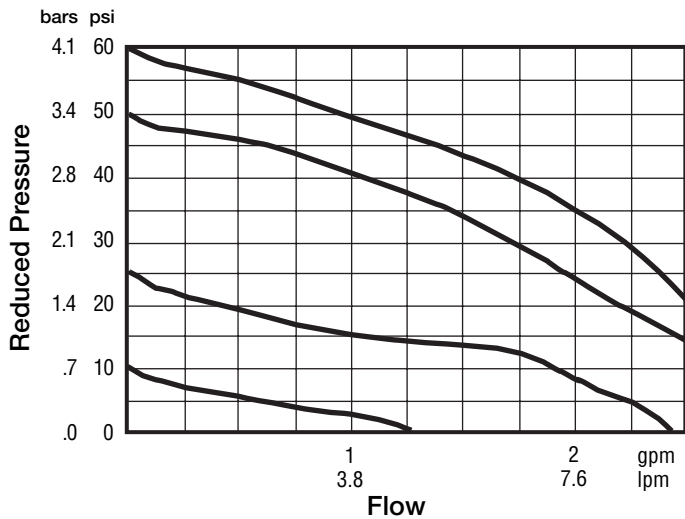
H560 listed by IAPMO.

## Capacity

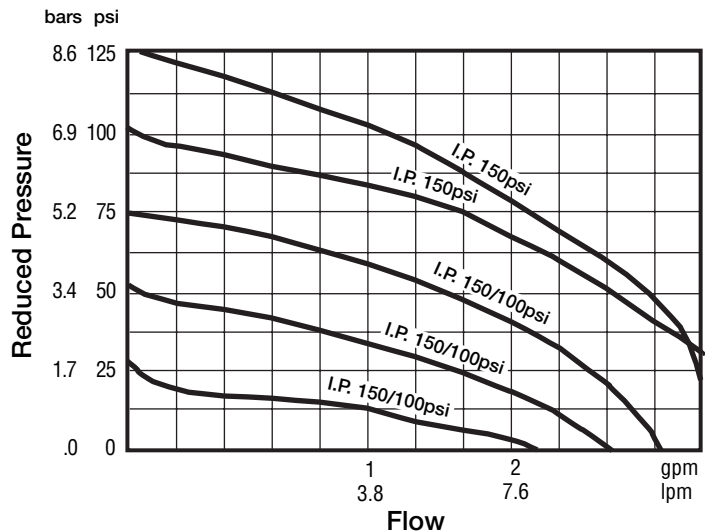
Reduced pressure range: 0 – 25psi (0 – 1.7 bars)  
 Initial pressure: 100psi (6.9 bars)



Reduced pressure range: 0 – 60psi (0 – 4.1 bars)  
 Initial pressure: 100psi (6.9 bars)



Reduced pressure range: 0 – 125psi (0 – 8.6 bars)  
 Initial pressure: 100 – 150psi (6.9 – 10.3 bars)



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 Canada: 5435 North Service Rd., Burlington, ONT L7L 5H7; [www.wattscanada.ca](http://www.wattscanada.ca)