

Watson Mfg. Product Catalog



Distributed By:



WATERFRONT
manufacturing

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Typographical errors subject to correction

Watson Float Valve



Made in
U.S.A.

- Hot Dip Galvanized 18" steel lever and body with brass seat
- No Binding Parts
- Stainless Steel Seat available for harsher environments
- Replaceable EPDM Rubber Washer
- Constant Flow options (bleeder valve)

3/4" Valve with brass seat

1" Valve with brass seat

1 1/4" Valve with brass seat

1 1/2" Valve with brass seat

3/4" Valve with bleeder valve

1" Valve with bleeder valve

1 1/4" Valve with bleeder valve

1 1/2" Valve with bleeder valve

Any above valve

with stainless steel seat add

with special option levers add

with side port (for bleeder) plugged add



Our brass bleeder valve reduces freezing problems with an adjustable constant flow. Assembled with a stainless steel screw & spring.



18" and 24" levers can be turned over to allow water to come in from top or bottom of the tank.



Bleeder valve *one way* extension kit adds 24" of copper tubing to direct the constant flow of water.



Bent levers work great in tire stock tanks or any time the inlet pipe rises higher than normal in the tank.



The 90 degree lever allows the valve to be mounted on a pipe coming into the side.



Bleeder valve *two way* extension kit adds a 24" and 60" piece of copper tubing. Aim one at the float and one at the side of the tank.

Poppet with EPDM Washer



**Small poppet parts are for all
3/4" thru 1 1/2" standard valves.**

**Small black EPDM washer
Small brass poppet with washer
Deflector cap for small poppet
Small poppet with deflector cap**

**Large poppet parts are for
1 1/2" high volume valves.**

**Large black EPDM washer
Large brass poppet with washer**

Deflector Cap



**The deflector cap (used in the tank on the right)
prevents water from overspraying sides of the tank**

1½" High Volume Valve



The high volume valve with 18" lever and 8" x 12" float.

At 48 p.s.i. the 8" x 12" float is a little over half submerged.



Standard 1½" valve with ¾" brass seat on the left.

High volume 1½" valve with ¼" brass seat on the right.

On a 1½" pipe line with gravity flow at 5 p.s.i.
Standard valve flows up to 13 g.p.m.
High volume valve flows up to 26 g.p.m.

On a 2" pipe line at 45 p.s.i.
Standard valve flows up to 50 g.p.m.
High volume valve flows up to 110 g.p.m.

High volume valve w/18" lever
High volume valve w/24" lever
Valve with stainless steel seat add
Valve with bleeder valve add

Aluminum Tube Floats



Our “tube” or “barrel” floats are welded of heavy gauge aluminum and come with 12 inches of chain for plenty of adjustment.

Their rounded design makes it more difficult for animals to bite into the float.





**Standard
6" x 12" float
shown here with
1" valve.**

**The standard 6" x 12" float is
339 cubic inches and good for up to
90 p.s.i. with our standard valves.**

**The 8" x 12" float is
600 cubic inches and great for
higher pressures with standard valves.
The 8" x 12" is recommended
for use with the high volume valve.**

**The 6" x 6" float is good for small tanks
with less than 45 p.s.i. on standard valves.**

**6" x 12" Float with zinc chain
8" x 12" Float with zinc chain
6" x 6" Float with zinc chain
8" x 8" Float with zinc chain**

**6" x 12" Float with stainless chain
8" x 12" Float with stainless chain
6" x 6" Float with stainless chain
8" x 8" Float with stainless chain**

Watson Pan Floats



$\frac{1}{4}$ " dia. brass rod
15" long w/lock collar.

Pan Floats offer easy water level adjustment.
They are 4" thick.
Heavy gauge aluminum with welded seams.

The 12" dia. is 450 cubic inches
for use on most applications.

The 8" dia. is 200 cubic inches for use on
60 p.s.i. and lower on standard valves.

The 6" dia. is for use with electric float switches.



The 8" x 8" top adjustable float is 400 cubic inches. Ideal for use in float chambers.

Keep your hands dry while adjusting water level with the easy to use aluminum carabiner and 24" of chain.



- 12" Pan Float with $\frac{3}{8}$ " center
- 12" Pan Float with $\frac{7}{8}$ " center and 24" zinc chain
- 12" Pan Float with $\frac{7}{8}$ " center and 24" stainless steel chain
- 8" Pan Float with $\frac{3}{8}$ " center
- 8" Pan Float with $\frac{7}{8}$ " center and 24" zinc chain
- 8" Pan Float with $\frac{7}{8}$ " center and 24" stainless steel chain
- 6" Pan Float with $\frac{3}{8}$ " center
- 8" x 8" Top adjustable float with 24" zinc chain
- 8" x 8" Top adjustable float with 24" stainless steel chain

Brass "pig tail" float rod with lock collar

Side Mount Kits



Pre-assembled kit above.
Attach float, tighten bolts,
and you are set.



Standard fits 1 1/4" tank lip.
Wide fits 2" tank lip.



Using this style of float system allows for
fast filling of your stock tank with
a standard garden hose.

Quick and secure attachment to tank.

Standard and Wide side mount kits come
with a 12" long nipple which allows them
to be used in shallow or deep tanks
without extra lengths of pipe.



The adjustable side mount kit (left) can be set for 2" to 4" tank lips, such as on concrete tanks.

All side mount kits come with a female hose adapter. Male hose adapter is available upon request.



Tire Tank Kit (above and right) is for filling tire tanks with a garden hose.



Standard Side Mount Kit (fits over a 1 1/4" tank lip)
Standard Side Mount Kit pre-assembled
with 3/4" valve and 6" x 12" float

Wide Side Mount Kit (fits over a 2" tank lip)
Wide Side Mount Kit pre-assembled
with 3/4" valve and 6" x 12" float

Adj. Side Mount Kit (fits over 2" to 4" tank lips)

Tire Tank Kit

Electric Float Switch Kits



No need for a
float valve.
Turns your pump off
when tank is full.

Shown here complete with a
standard side mount kit.

The 18" long rod provides a 2" stroke.
The 36" long rod provides up to a 12" stroke.

The galvanized switch base can be
mounted to any of our side mount kits
or on a threaded $\frac{3}{4}$ " pipe.

With an extension bar and longer brass rod the time between turn on and turn off can be varied.

Pictured on the right with a 36" long brass rod, this setup allows the water level to drop as much as 12" before turning on the pump.



**Electric Float Switch Kit Complete
with a side mount kit and 2" stroke**

**Electric Float Switch Kit Complete (extended)
with a side mount kit and 12" stroke**

Switch Base (fits on any side mount kit)

Extended switch base (12" stroke)

Side mount kit (standard or wide)

Post Bracket (Tire tank kit)

6" Pan float with 3/8" center tube

1/4" x 18" Brass rod with lock collars

1/4" x 36" Brass rod with lock collars

Aluminum lock collar

Electric Switch (pump is off when float is up)