

For the past 200 years or so, float valves and their various configurations were the only choice

Now you have choices

The Weight Valve is
a new choice to control water levels.

Advantages of the Weight Valve verses the traditional float valve

- Float valves - have to be built lightweight
- **Weight Valves are heavy duty**

- Float valve - if it fails, waters keeps running
- **Weight Valve - if it fails, water stays off**

- Float valves - are always under pressure
- **Weight Valves are relaxed when the trough is full**

- Float valves -if you want to shut off the water you need to turn off the water supply
- **Weight Valves easily shut off the water by flipping the weight over the top of the valve**

Advantages of the Weight Valve

- You buy straight from the Manufacturer, there is only one mark-up, others have three.
- The weight is now black so animals do not see and play with the weight.
- We can supply many other configurations to mount above and below the water.

**Weight Valves are built heavy duty,
providing years of life!**

Customer Testimonials

*Northwest Dairy Service in Western Oregon -
Installed 269 of our valves from 2015 - 2017
in dairies that they services. As of 2023 all of
these valves are still working.*

*Five D Farms in Pasco, Washington-
Installed 78 of our valves from 2016 - 2018
none of these have failed.*

*Hillcrest Dairy in California -
Installed 150 of our valves from 2016 - 2018,
they are all still working.*

If you have special applications, contact us.
We can supply many other configurations to
mount above and below the water.

BROWN WEIGHT VALVE

Brown Weight Valve
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Rev 2023

BROWN WEIGHT VALVE

A better way to maintain water level



Complete valve with freeze valve

The unique BROWN WEIGHT VALVES
*are spring loaded, closed valves.
When water is needed, the floating weight
pulls down on the arm, providing leverage
to open the valve.*

*The solid weight is lighter than water
so when the water trough is full the weight
floats, allowing the valve to close.*

Cross Section of Valves

LARGE VALVE HIGH FLOW

- 18" long complete
- Twice the capacity of the regular valve (2000 gal./hr)
- 1" back pipe connection

REGULAR VALVE

- 16" long complete
- Delivers 17 gpm (1000 gal./hr)
- 3/4" back pipe connection

MEDIUM VALVE

- 12" long complete
- Delivers 10 gpm (600 gal./hr)
- 1/2" or 3/4" back pipe connection

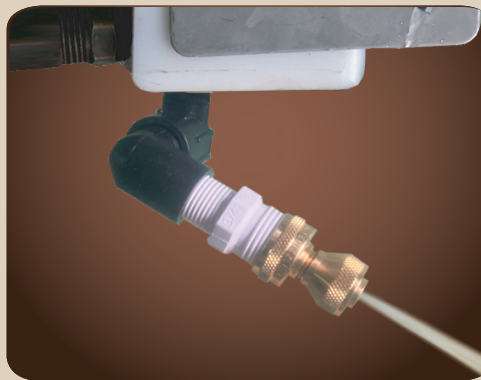
SMALL VALVE

- 10" long complete
- Delivers 4 gpm (240 gal./hr)
- 1/2" or 3/4" back pipe connection

Complete Valve

The valves vales housing is made of high density polyethylene HDPE. All the metal parts are stainless steel. The valve is *spring loaded closed*. The *floating weight is a solid block of black HDPE plastic*. Black weights are used because animals are less likely to play with it. We can provide heavier weights if water pressure is higher than normal.

Freeze Valve



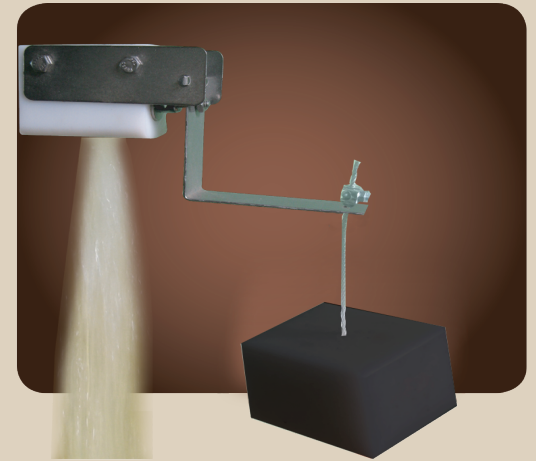
Add an Anti-Freeze valve to any valve

This added feature turns a Weight Valve into an anti-freeze valve. We add a threaded hole to the bottom of the housing with two street ells. The valve is infinitely adjustable to spray the water so it will keep the floating weight from freezing, (moving water will not freeze) it can be adjusted to deliver as little as 2 quarts per hour and can be shut off in warm weather.

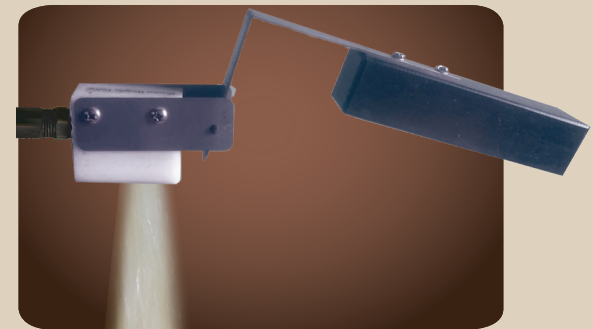
Other Combinations

Other Valve Configurations

This weight can be hung to maintain the water level. We can provide a shorter arm if you have limited space and provide a heavier weight so it will operate the valve.



"Short Arm" and hanging weight configuration or "custom valves" build to fit any application!



Underwater arm configuration. This puts the valve underwater so the valve is not accessible to the animals.