

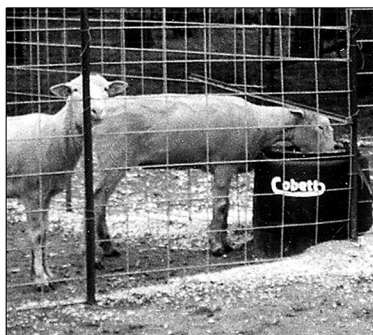
# Cobett

b1222

Farmer-designed Waterers



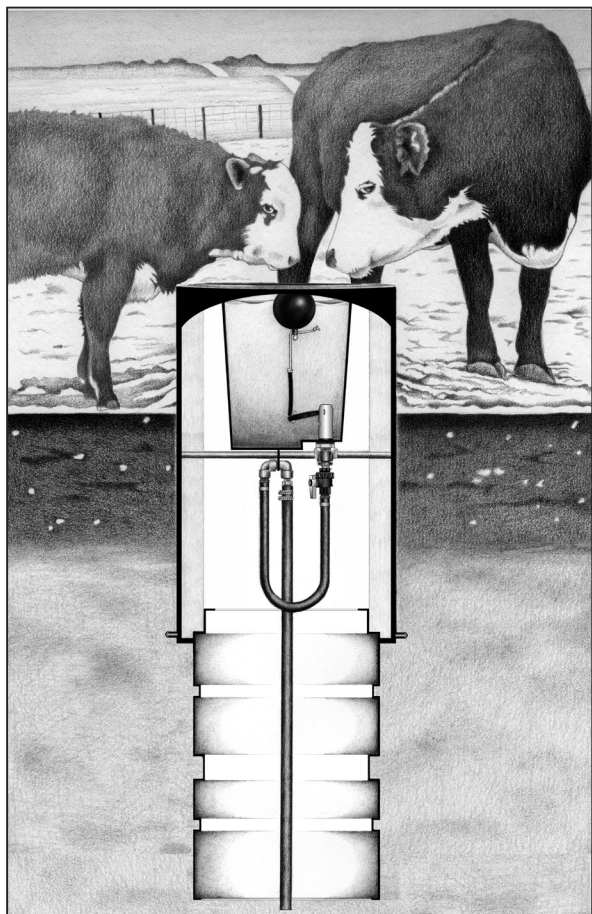
## Earth Heated



**Cobett Company**

601 Hwy. 169 • Lorimor, Iowa 50149-1009

641-763-2621 • 888-699-4722 • [www.cobett.com](http://www.cobett.com)



# Discover the Cobett Difference!

## *In the beginning.....*

Cobett waterers were designed to have three main features: an open drinking area, wide-open access to the plumbing and no required heating device. Apparently these and other features are widely appreciated, as word-of-mouth and repeat customers generate nearly 80% of sales!

Cobett Waterers are available with various valve options to meet the customer's needs. The float valves and the float are made by Cobett Company in a very heavy duty and simple design. A thick cord attaches the float to the valve. The more complex and sensitive floatless valve (not made by Cobett) requires a strainer, even for city water. A diaphragm that senses the water weight activates this valve. The floatless valve water level may vary 1" to 2" from day to day due to changes in atmospheric and/or water pressure. The floatless valve comes with a tool to set the water level.

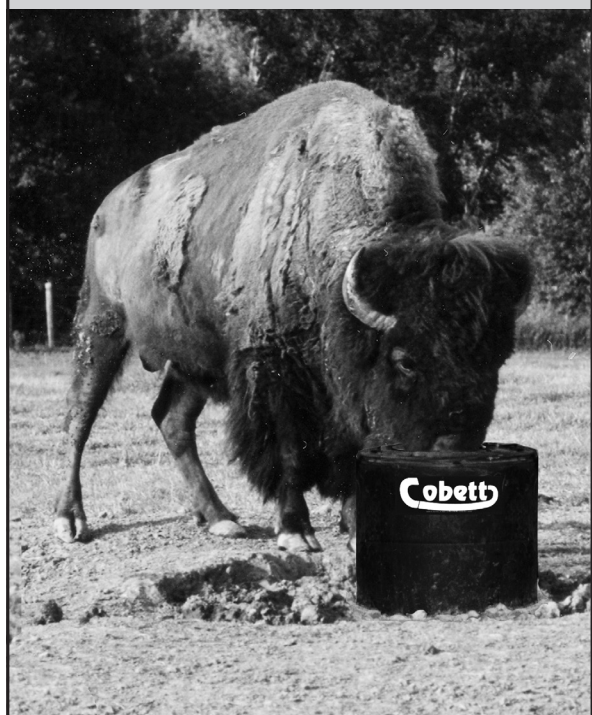
## *Earth-heated - Buried System*

Electric heat is not required for valve protection. However, there is room below the tub to hang a low-wattage heating device for reducing surface ice. Each Cobett waterer includes and is mounted upon a 24" wide base tube that is an appropriate length for the customer's locale. Cobett fully utilizes a wide column of ground heat by placing the tub inside the ground heat chamber, not just above it. The entire tub of water is constantly and directly warmed or cooled by the surrounding underground temperatures. Because there are no doors, seals or a concrete pad, there are no cracks for air leaks! Lacking a door or covering that could accidentally freeze shut or open, Cobett allows Mother Nature to generate a relatively small amount of ice on the water surface. Unheated Cobett testing results and customer reports reveal some examples of overnight ice thickness in a beef dry lot situation:

- 1) 15-20 head @ -10°F and no wind = ½" ice
- 2) 0-5 head @ + 10°F and no wind = 1" ice.
- 3) with no traffic after 3:00 p.m. @ -20°F with -40°F wind chill = 2" ice.

Thicker ice occurs if water is consumed only once or twice daily. A 4 ½" icecap has been observed at -40°F during a -70°F wind-chill factor. Regardless of temperature, wind-chill or livestock traffic, it should take only a few seconds to open any overnight icing that may occur. Use the Cobett ice chipper or a ball peen hammer, etc. (not an ax) if needed, generally once that day. Ice chunks that may cling to the float do not hamper valve function. Remember, ice floats too. Customers like knowing that Cobett eliminates frozen valves and plumbing!

## **BULL TOUGH !**



## ***Low or No Traffic is O.K.***

Cobett's unmatched winter endurance and versatility make it ideal for stockmen and sale barns! While Cobett is not a constant-flow system, even zero traffic does not freeze up the valve and plumbing as long as the tub is filled with water! For extended non-use, the lid can be applied to retard the ice.

## ***Bull-tough***

Cobett's durability and long life are due to... the black color, round design, UV inhibited polyethylene, substantial wall thickness and the buried installation.

## ***No Concrete Required - One-trip Installation***

Installing can be a half-day, four-step process: 1. Dig a hole. 2. Set units in hole. 3. Refill hole with dirt. 4. Lay 12" of gravel on top of the ground prior to livestock using the waterer. Laying 1" size, unwashed gravel on top of filter fabric greatly extends the life of gravel by keeping it out of the dirt. Using filter fabric eliminates the need for 3" size gravel. It is okay to pour concrete around the waterer after the ground has settled, if desired. Also, a suitable hole could be cut in an existing concrete floor. It is important to install Cobett in a well-drained location or install drainage tile. Obviously, installing the waterer in a mudhole would compromise its' stability! Also, the drier the pit, the better the ground heat can efficiently minimize the icing.

**Notice:** *Always check with local officials for state and local backflow prevention rules and regulations prior to connecting to a water supply line.*

## ***Easy Cleaning***

Cleaning is easily done by lifting out the tub, swirling the water and emptying it out. To lift the tub, remove two bolts from the top of Model SB or four bolts from the top of Model LB. Dip out some water from the Model LB tub before lifting. All tubs can be easily disconnected, if desired. You remain upright, dry and without smelly hands after cleaning the tub!

## ***Then and Now***

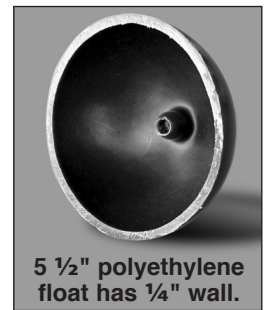
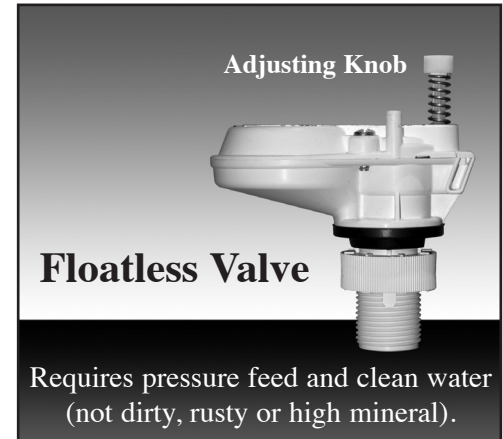
We developed this waterer for our own Iowa farm in 1993. We came to fully appreciate this system during the severe winter of 1995 and began to test market our waterers in the fall of 1996. We established Cobett Company in February of 1997. Cobett customers are now located in Canada and all U.S. states except HI. Cobett Company guarantees satisfaction to the original owner for one year from the date of purchase.

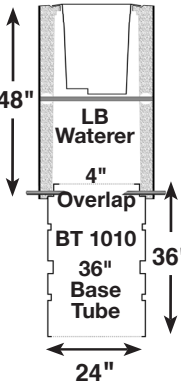
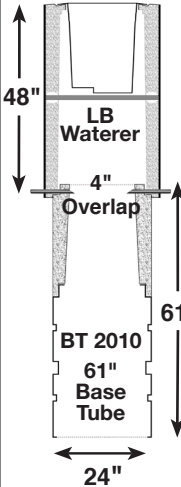
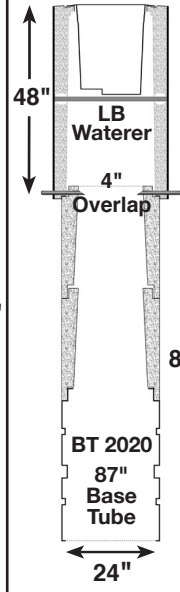
We thank you for your interest and hope you have gained a clear understanding of the Cobett system. Phone orders can be picked up at our location or shipped via commercial freight truck (not UPS) to a town near you. You may also ask us if there is a dealer near you.

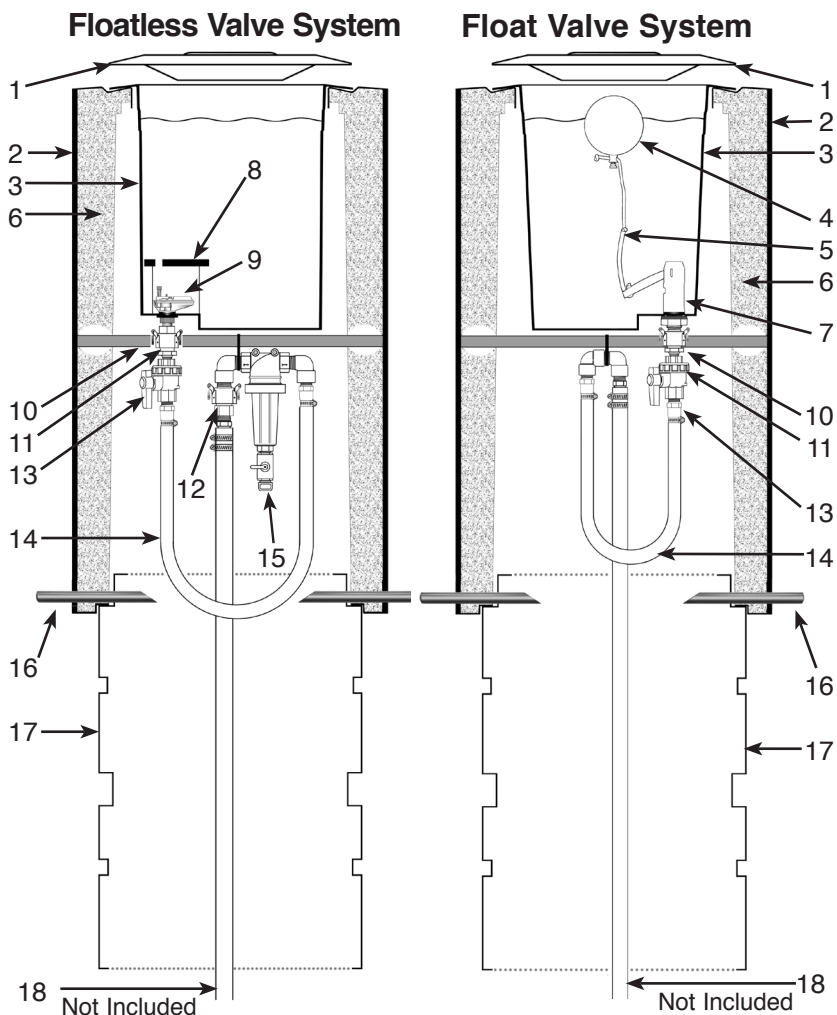
**If you have questions or wish to place your order:**

**PLEASE CALL  
888-699-4722**

U.S. Patent 5,740,760  
Canada Patent 2,198,647



LB Waterer & 36" Base Tube	LB Waterer & 61" Base Tube	LB Waterer & 87" Base Tube
For Waterline @ 3' - 4' or less	For Waterline @ 5' - 6' or less	For Waterline @ 7' - 8' or less
		
<b>Model LB Waterer</b> 29" D x 48" H Ship Ht. 49.5" Ship Wt. 100 lbs. <b>Base Tube</b> BT Ship Ht. 36" Ship Wt. 20 lbs.	<b>Model LB Waterer</b> 29" D x 48" H Ship Ht. 49.5" Ship Wt. 100 lbs. <b>Base Tube</b> BT Ship Ht. 61" Ship Wt. 44 lbs.	<b>Model LB Waterer</b> 29" D x 48" H Ship Ht. 49.5" Ship Wt. 100 lbs. <b>Base Tube</b> BT Ship Ht. 87" Ship Wt. 68 lbs.



### Model LB Waterer:

**Gallons:** 18

**Opening:** 17 1/2"

**Side Reach:** 6 1/2"

**Water Level:**

2" - 3" from top of tub

**Drinking Height:**

• 20" Maximum or less

**Waterer Construction:**

• 1/2" Polyethylene Plastic

**Tub & Float Construction:**

• 1/4" Polyethylene Plastic

**Base Tube Construction:**

• 3/16" Polyethylene Plastic  
 • 36" Tube - no insulation  
 • 61" & 87" Tubes partially insulated - 2" thick

**Capacity:**

• Dry Lot Beef: 200 Head  
 • Range Cows: 100 Head

1. Lid (extended nonuse)
2. Model LB Waterer
3. Tub
4. 5 1/2" Polyethylene Float
5. 3/16" Cord & 3/8" Sleeve
6. 3" Polyurethane Insulation
7. 1/2" HD Valve
8. Valve Guard
9. 1/4" Floatless Valve
10. Support Rod

11. Quick Coupler & Adapter
12. Quick Coupler & Adapter
13. Ball Valve
14. Flexible Hose
15. Strainer & Flush Valve
16. Anchor Rod
17. 36" Base Tube
18. 1" Polyethylene Waterline not included

### 4 Valve Options

#### 025 - 1/4" Floatless Valve

Pressure Feed  
 Clean Water Only  
 1/4" Orifice  
 5/8" Ballcock Thread  
 Avg: 40 PSI = 2.25 GPM  
 Max: 80 PSI = 3.25 GPM



#### 375 - 3/8" HD Valve

Pressure Feed  
 3/8" Orifice  
 Inside: 3/4" NPT  
 Outside: 1 3/8" Bolt Thd.  
 Avg: 40 PSI = 7 GPM  
 Max: 120 PSI = 16 GPM



#### 050 - 1/2" HD Valve

Pressure Feed  
 1/2" Orifice  
 Inside: 3/4" NPT  
 Outside: 1 3/8" Bolt Thd.  
 Avg: 40 PSI = 10 GPM  
 Max: 80 PSI = 18 GPM



#### 100 - 1" HD Valve

Gravity Feed - Pond  
 1" Orifice - 1 1/4" NPT  
 Minimum Fall - 5'  
 Maximum Fall - 48'  
 Max: 20 PSI  
 Capacity may be reduced!



### Included:

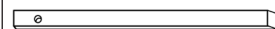
- A) 17" Valve Adjuster for floatless valve
- B) Plumbing Tie Cord
- C) Anchor Rods for LB (2 total)



### OPTIONAL

**FF-1010**  
**Filter Fabric**  
**15' x 15'**

**IC-1010**  
**Ice Chipper 17"**



**Optional Base Tube Extensions:**  
**18" & 36"**

Factory prices are F.O.B. at Lorimor, Iowa and subject to change without notice.



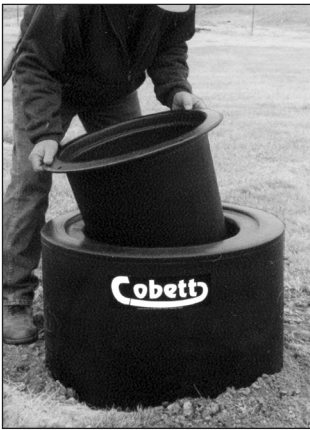
Lid secured for nonuse.



17 1/2" opening. Float valve in use.



17 1/2" opening. Floatless valve in use.



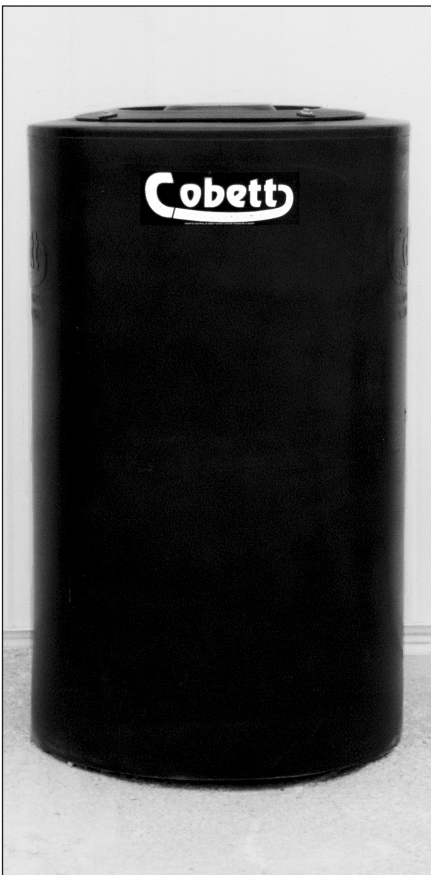
Easy plumbing access.



Float valve tub disconnected.



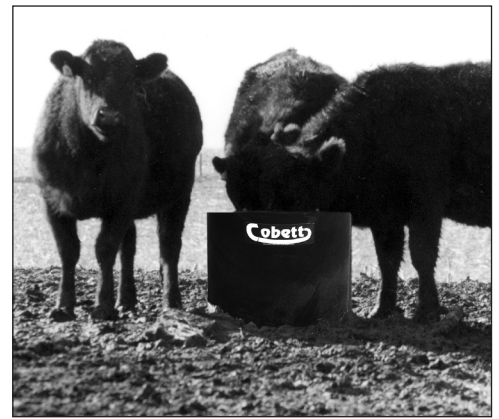
Floatless valve tub disconnected.



Model LB - 29" D X 48" H



Two to three head at a time.

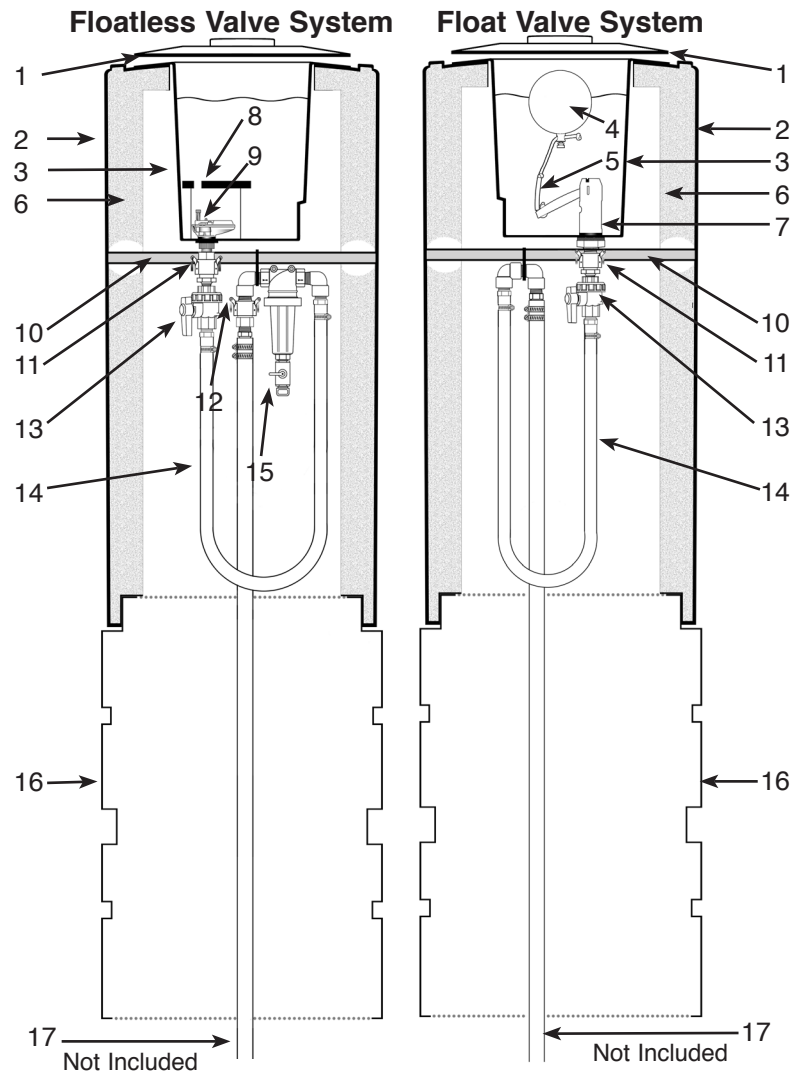


Allow room for tub removal.



Great for fence lines.

SB Waterer & 36" Base Tube	SB Waterer & 61" Base Tube	SB Waterer & 87" Base Tube
For Waterline @ 3' - 4' or less	For Waterline @ 5' - 6' or less	For Waterline @ 7' - 8' or less
<b>Model SB Waterer</b> • 23 1/2" D x 48" H • Ship Ht. 48" • Ship Wt. 64 lb.  <b>Base Tube</b> BT Ship Ht. 36" Ship Wt. 20 lbs.	<b>Model SB Waterer</b> • 23 1/2" D x 48" H • Ship Ht. 48" • Ship Wt. 64 lb.  <b>Base Tube</b> BT Ship Ht. 61" Ship Wt. 44 lbs.	<b>Model SB Waterer</b> • 23 1/2" D x 48" H • Ship Ht. 48" • Ship Wt. 64 lb.  <b>Base Tube</b> BT Ship Ht. 87" Ship Wt. 68 lbs.



1. Lid (extended nonuse)
2. Model SB Waterer
3. Tub
4. 5 1/2" Polyethylene Float
5. 3/16" Cord & 3/8" Sleeve
6. 3" Polyurethane Insulation
7. 3/8" HD Valve
8. Valve Guard
9. 1/4" Floatless Valve
10. Support Rod
11. Quick Coupler & Adapter
12. Quick Coupler & Adapter
13. Ball Valve
14. Flexible Hose
15. Strainer & Flush Valve
16. 36" Base Tube
17. 1" Polyethylene Waterline not included

### Model SB Waterer:

- Gallons:** 5  
**Opening:** 11 1/2"  
**Side Reach:** 6"  
**Water Level:**  
 • 2" - 3" from top of tub  
**Drinking Height:**  
 • 20" Maximum or less

### Waterer & Float Construction:

- 1/4" Polyethylene Plastic

### Tub Construction:

- 3/16" Polyethylene Plastic

### Base Tube Construction:

- 3/16" Polyethylene Plastic
- 36" Tube - no insulation
- 61" & 87" Tubes partially insulated - 2" thick

### Capacity:

- Dry Lot Beef: 65 Head
- Range Cows: 35 Head

### 2 Valve Options

#### VA-025: 1/4" Floatless Valve

Pressure Feed  
 Clean Water Only  
 1/4" Orifice  
 5/8" Ballcock Thread  
 Avg: 40 PSI = 2.25 GPM  
 Max: 80 PSI = 3.25 GPM



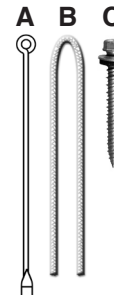
#### VA-375-SB: 3/8" HD Valve

Pressure Feed  
 3/8" Orifice  
 Inside: 3/4" NPT  
 Outside: 1 3/8" Bolt Thd.  
 Avg: 40 PSI = 7 GPM  
 Max: 120 PSI = 16 GPM



### Included:

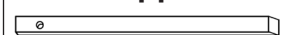
- 17" Valve Adjuster for floatless valve
- Plumbing Tie Cord
- 2" Screws for SB (4 total)



### OPTIONAL

**FF-1010**  
**Filter Fabric**  
**15' x 15'**

**IC-1010**  
**Ice Chipper 17"**



### Optional Base Tube Extensions: 18" & 36"

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Lid secured for nonuse.



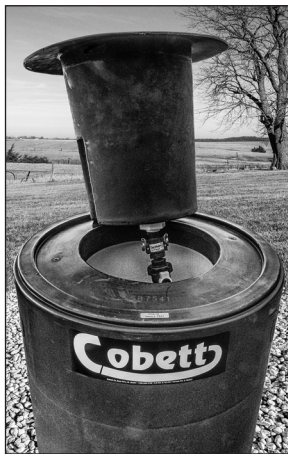
11 1/2" opening. Float valve in use.



11 1/2" opening. Floatless valve in use.



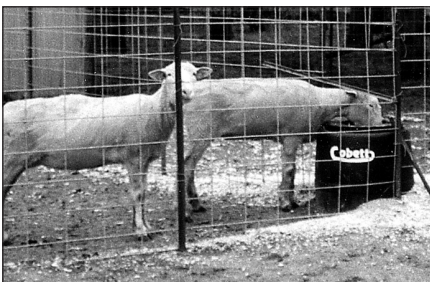
Easy plumbing access.



Float valve tub disconnected.



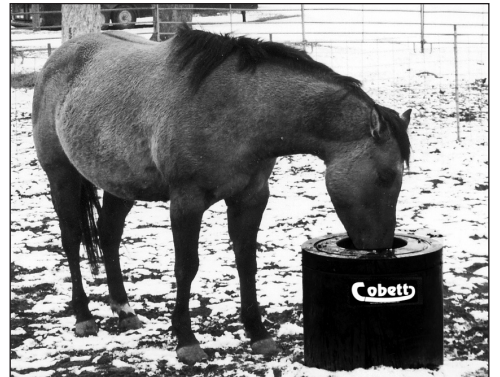
Floatless valve tub disconnected.



Heat free, plus low or no traffic is okay.



Model SB - 23 1/2" D X 48" H



Plenty of drinking area.

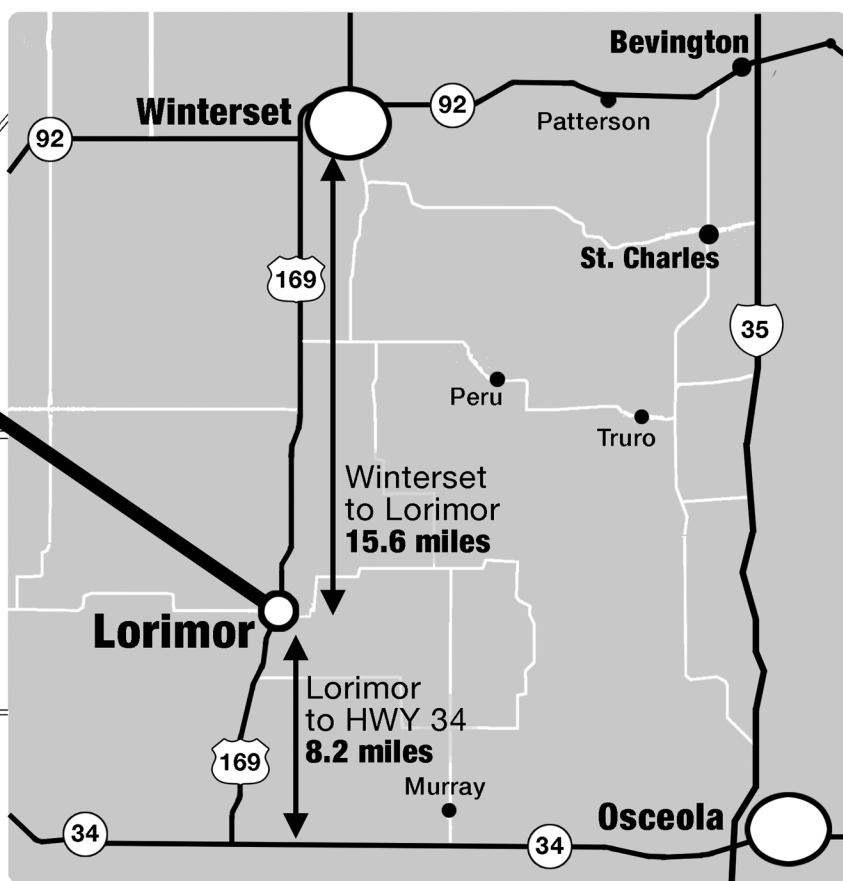
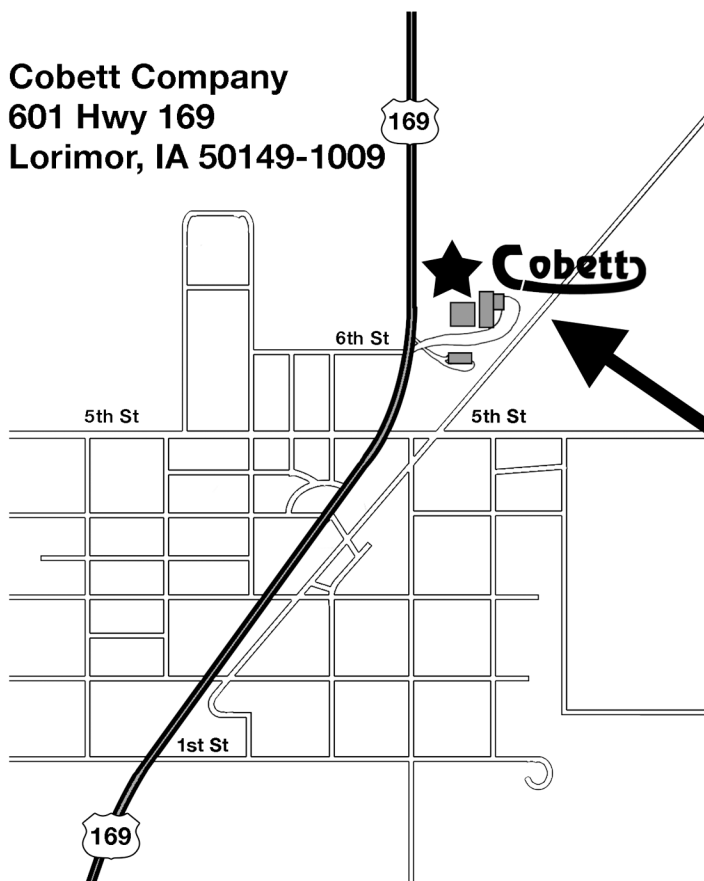


Great for fencelines.



Allow room for tub removal.

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**Lorimor, IA 50149-1009**



**Cobett Company**  
**601 Hwy. 169 • PO Box 127**  
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