

# MIRACO

**Livestock Water Systems**

*"Originators of insulated poly waterers"*



**BIGspring**  
Livestock Waterers

**Lil spring**  
Multi-Purpose Waterers

**EQUIFount**  
Horse Water Systems

**E-Fount**  
Energy Efficient Waterers

**MiraFount**  
Energy Free Waterers



## BEEF & DAIRY CATTLE



### BIGspring features:

- One-piece body polyethylene construction
- No sharp edges
- Tough “Rockite” material, high-impact resistance
- Rugged construction stands up to livestock abuse – resists corrosion, no chipping or cracking
- 5 year warranty
- 2” to 3” (5 cm to 8 cm) urethane insulation
- Rubber gaskets for air-tight seal
- Molded base unit anchors (stainless steel bolts included)
- Sloped bottom for easy cleaning
- Sealed bottoms
- Multiple access panels for easy access
- Preferred choice of cattle and dairy producers

## 6000

<b>CAPACITY</b>	250 head beef 100 head dairy
<b>GALLONS</b>	60 (227 liters) (up to 30 gallons more than the competition)
<b>LENGTH</b>	90” (229 cm)
<b>WIDTH</b>	33” (84 cm)
<b>DRINKING HEIGHT</b>	24” (61 cm) (2” higher than the competition)
<b>WEIGHT</b>	215 pounds (97 kg)
<b>HEAT</b>	500 watt heater (optional) (110 or 220 volt)

Optional constant flow available (30 or 60 gallon level)

- Water spray for attracting new cattle to water
- 3” (8 cm) drain hole with rubber plug for rapid cleaning
- Removable dome for easy access to valve area
- Spring-loaded clips – no wrenches required
- Rubber gasket for air-tight dome seal
- End panel access
- Can be constant flow at 30 or 60 gallon level (114 or 227 liters)

**For cleaner water, neckrail required to prevent cattle from standing in the water.**

### 60 Gallon Capacity



**Stainless Steel  
anchor bolts  
included**



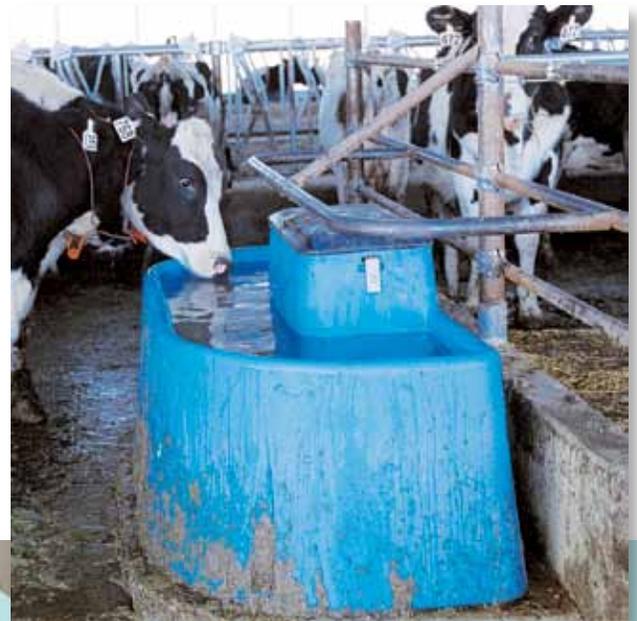
**New Bottom Drain: Drains Completely Fast**

## 6100

<b>CAPACITY</b>	110 head dairy
<b>GALLONS</b>	60 (227 liters)
<b>LENGTH</b>	80" (203 cm)
<b>WIDTH</b>	36" (91 cm)
<b>DRINKING HEIGHT</b>	24" (61 cm)
<b>WEIGHT</b>	205 pounds (93 kg)
<b>HEAT</b>	500 watt heater (optional) (110 or 220 volt)

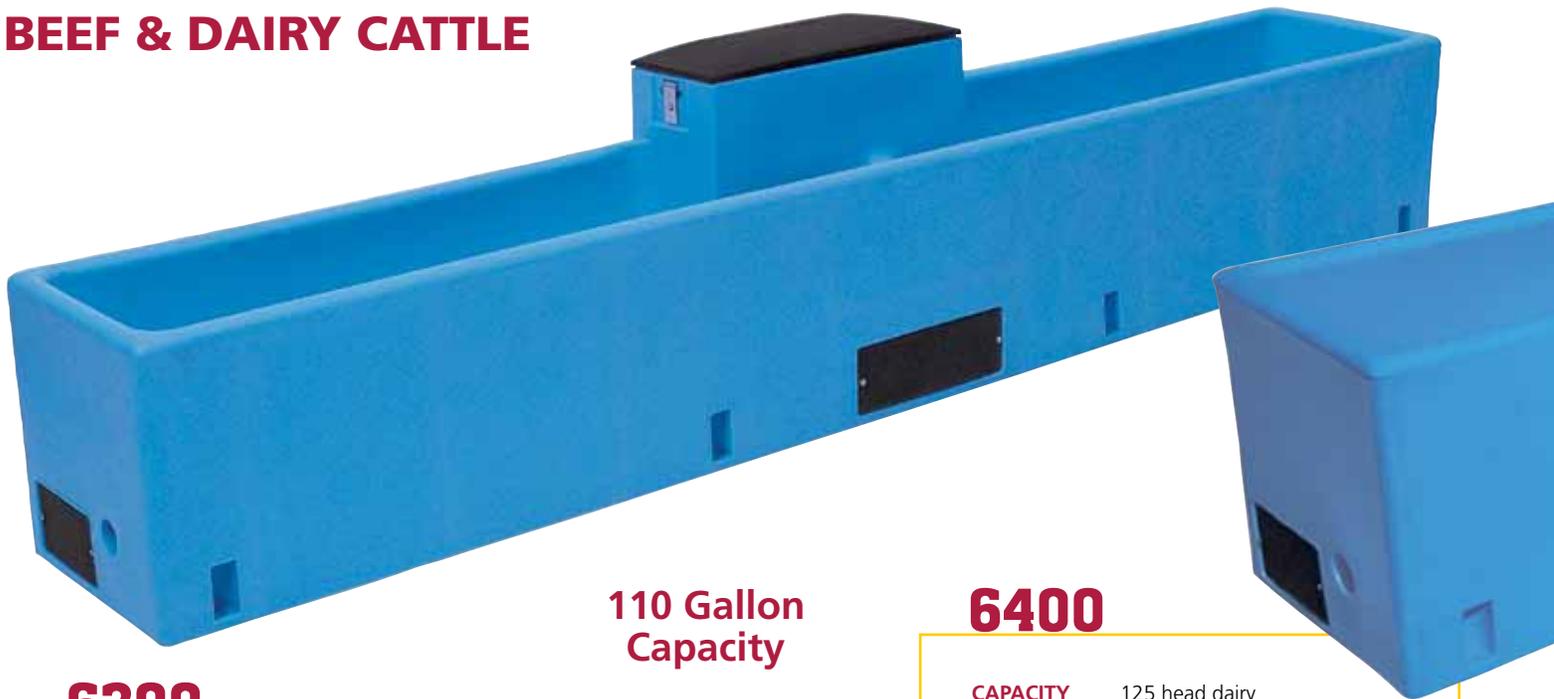
- Flat back design fits flush with wall
- Center between stalls or place one on each end of single stalls
- Curved front for full, easy access – no wasted space
- Pour foundation with a curve for easier cleaning
- No wrenches required for valve compartment access
- Rubber gasket for air-tight dome seal
- Stainless steel anchor bolts included

**60 Gallon  
Capacity**



**For cleaner water, neckrail  
required to prevent cattle  
from standing in the water.**

## BEEF & DAIRY CATTLE



### 6300

<b>CAPACITY</b>	150 head dairy 300 head beef
<b>GALLONS</b>	110 (416 liters)
<b>LENGTH</b>	144" (366 cm)
<b>WIDTH</b>	22" (56 cm)
<b>DRINKING HEIGHT</b>	22" (56 cm)
<b>WEIGHT</b>	275 pounds (125 kg)
<b>HEAT</b>	500 watt heater (optional) (110 or 220 volt)

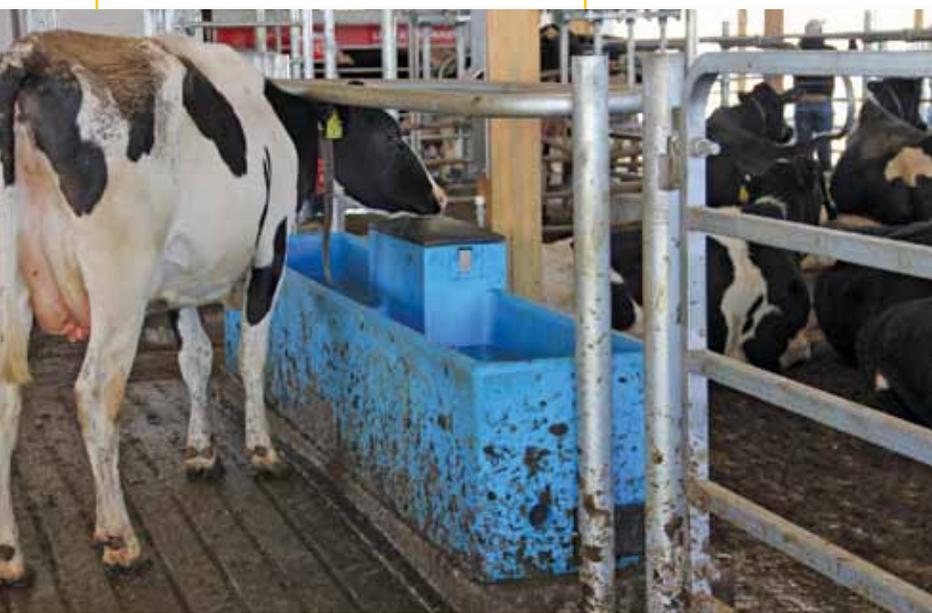
### 110 Gallon Capacity

6300 is 2" narrower and holds almost double the volume of water – 110 gallons vs 60 gallons – compared to the competition.

### 6400

<b>CAPACITY</b>	125 head dairy 250 head beef
<b>GALLONS</b>	90 (340 liters)
<b>LENGTH</b>	120" (305 cm)
<b>WIDTH</b>	22" (56 cm)
<b>DRINKING HEIGHT</b>	22" (56 cm)
<b>WEIGHT</b>	230 pounds (104 kg)
<b>HEAT</b>	500 watt heater (optional) (110 or 220 volt)

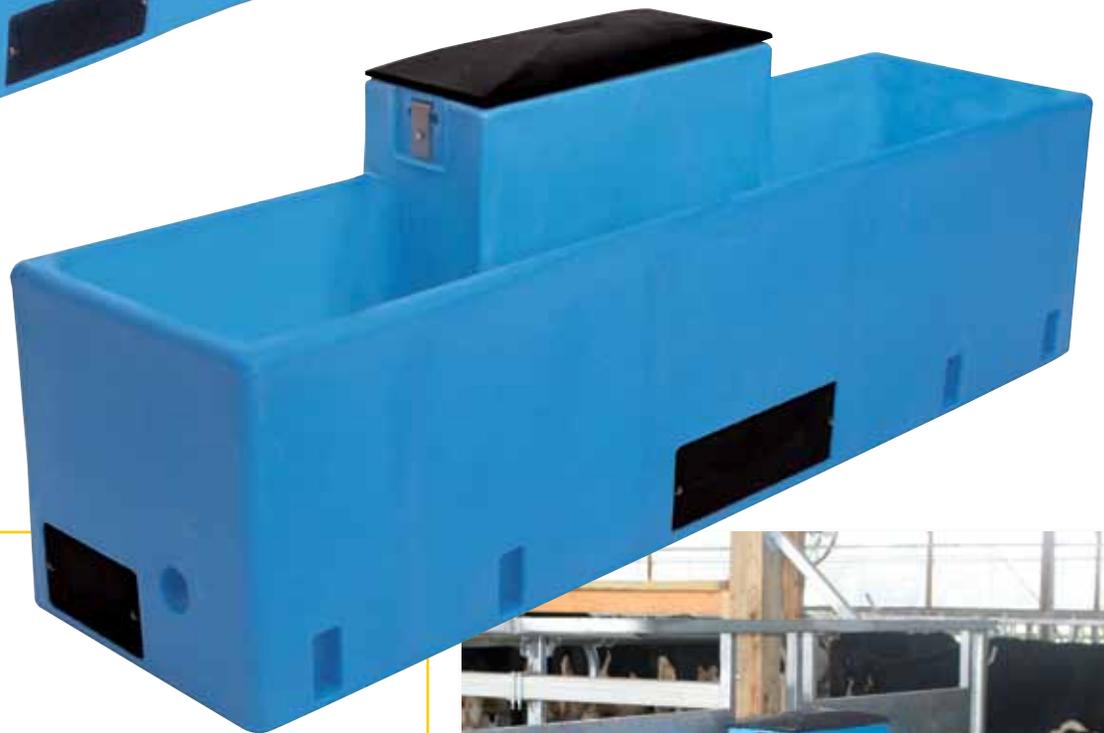
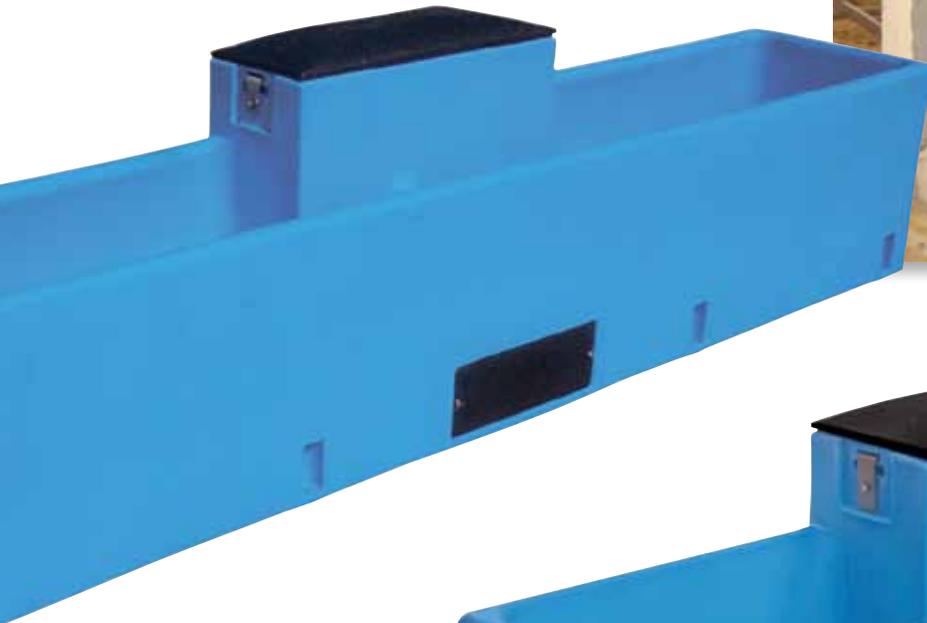
### 90 Gallon Capacity



Bottom drain available on all Big Spring Miraco waterers

For cleaner water, neckrail required to prevent cattle from standing in the water.

Spring type stainless steel latches are the simplest and most durable of any competitive models.



## 6200

<b>CAPACITY</b>	100 head dairy 200 head beef
<b>GALLONS</b>	60 (227 liters)
<b>LENGTH</b>	84" (213 cm)
<b>WIDTH</b>	22" (56 cm)
<b>DRINKING HEIGHT</b>	22" (56 cm)
<b>WEIGHT</b>	170 pounds (77 kg)
<b>HEAT</b>	500 watt heater (optional) (110 or 220 volt)

### 60 Gallon Capacity

- Designed for free stall barns
- Flat back design for flush fit with wall or panel
- Center between stalls
- No wrenches required for valve compartment access
- Rubber gasket for air-tight dome seal
- Three access panels
- Two large 3" drains; severe slope for quick draining
- Optional gravity fill assembly available
- Stainless steel anchor bolts included



For cleaner water, neckrail required to prevent cattle from standing in the water.  
10"-12" stem wall recommended.

**Stainless Steel  
anchor bolts  
included**



**25 Gallon  
Capacity**

## GENERAL LIVESTOCK

### 3200

<b>CAPACITY</b>	150 head beef 75 head dairy
<b>GALLONS</b>	25 (95 liters)
<b>DIMENSIONS</b>	48" x 24" x 29" (122 x 61 x 74 cm)
<b>DRINKING HEIGHT</b>	24" (61 cm)
<b>VALVE</b>	Miraco automatic plastic
<b>WEIGHT</b>	98 pounds (45 kg)
<b>HEAT</b>	Optional 110 volt 250 watt submersible heater

- Large access panel for easy access to valve area
- 3" (8 cm) offset drain
- Access panels at both ends
- Installs easily on most existing concrete pads
- Spring load clips allow entry to valve area – no wrenches required
- Constant flow available
- Stainless steel anchor bolts included



### 3500

<b>CAPACITY</b>	225 head beef 110 head dairy
<b>GALLONS</b>	40 (152 liters)
<b>DIMENSIONS</b>	42" x 42" x 26" (107 X 107 X 66 cm)
<b>DRINKING HEIGHT</b>	26" (66 cm)
<b>VALVE</b>	Miraco automatic plastic
<b>WEIGHT</b>	145 pounds (65 kg)
<b>HEAT</b>	Optional 500 watt heater, 110 or 220 volt

- 168" Drinking space
- 40 Gallons of water
- Quick release valve access cover
- Diagonal valve compartment lets more cattle drink
- 24" hook-up hose with shut off valve
- Stainless steel anchor bolts
- 2 bottom drains



Ideal for sheep or goats



## 3000

<b>CAPACITY</b>	30 head beef 30 head horses 50 head sheep
<b>GALLONS</b>	5 (19 liters)
<b>DIMENSIONS</b>	24" x 22" x 21" (61 x 56 x 53 cm)
<b>DRINKING HEIGHT</b>	16" (40 cm)
<b>VALVE</b>	Miraco automatic plastic
<b>WEIGHT</b>	48 pounds (22 kg)
<b>HEAT</b>	Optional 110 volt 250 watt submersible heater

- 3" (8 cm) front drain outlet for outside use
- Stainless steel anchor bolts included

## 2800

<b>CAPACITY</b>	30 head beef or horses
<b>GALLONS</b>	4 (15 liters)
<b>DIMENSIONS</b>	20" x 16" x 27" tall (51 x 41 x 69 cm)
<b>DRINKING HEIGHT</b>	19" (48 cm)
<b>VALVE</b>	Miraco automatic plastic
<b>WEIGHT</b>	40 pounds (18 kg)
<b>HEAT</b>	Optional 110 volt 250 watt submersible heater
<b>INSTALL</b>	200 psi hose w/shut off valve included



### Lil'Spring features:

- One-piece body polyethylene construction
- No sharp edges
- Tough high-impact resistant "Rockite" material
- Stands up to livestock abuse
- Resistant to corrosion
- 5 year warranty
- Removable dome for quick and easy access to valve area
- 2" to 3" (5 to 8 cm) urethane foam insulation
- Molded base unit anchors (stainless steel anchor bolts included)
- Sloped bottom for easy cleaning
- Sealed bottoms



## 3002 Extension

- Raises Lil'Spring 3000 and 3001 drinking height from 16" to 28" (40 to 71 cm)
- Ideal for installation in paddocks or stalls
- Makes water more visible
- Prevents livestock from putting feet in water bowl

## GENERAL LIVESTOCK



### 3100

<b>CAPACITY</b>	100 head beef 50 head dairy
<b>GALLONS</b>	8 (30 liters)
<b>DIMENSIONS</b>	36" x 22" x 27" (91 x 56 x 69 cm)
<b>DRINKING HEIGHT</b>	22" (55.8 cm)
<b>VALVE</b>	Miraco automatic plastic
<b>WEIGHT</b>	75 pounds (34 kg)
<b>HEAT</b>	Optional 110 volt 250 watt submersible heater



**Stainless Steel anchor bolts included**



### 2900

**FOR THOSE SMALL SPACES**  
Horses, Beef, Dairy

<b>CAPACITY</b>	60 head beef or horses
<b>GALLONS</b>	6 (23 liters)
<b>DIMENSIONS</b>	30.5" x 16.5" x 27" (77.5 x 40.6 x 69 cm)
<b>DRINKING HEIGHT</b>	19" (48 cm)
<b>VALVE</b>	Miraco automatic plastic
<b>WEIGHT</b>	48 pounds (22 kg)
<b>HEAT</b>	Optional 110 volt 250 watt submersible heater
<b>INSTALL</b>	200 psi hose w/shut off valve included



"I'm only interested in the best for my horses, and Miraco watering systems are the best. These are strong, durable systems ergonomically designed to make it easy for the horse to get access to drink. Miraco products are also safe for the horse, and that's really important to me."

**Curt Pate**  
World-renowned South Dakota horse trainer and clinician, film consultant and author

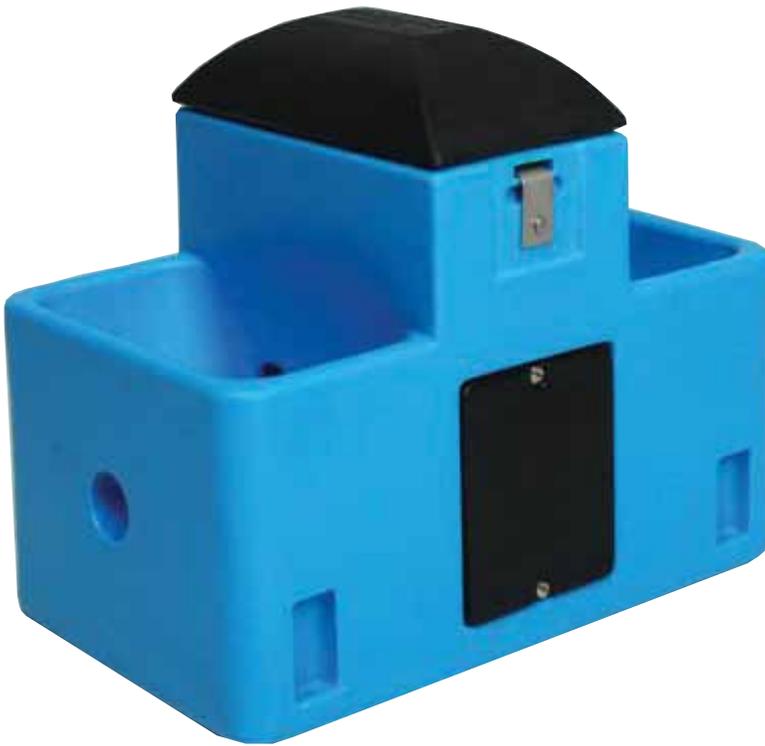


**SHEEP / GOATS**

**Stainless Steel  
anchor bolts  
included**

**2700**

<b>CAPACITY</b>	100 head sheep/goats
<b>GALLONS</b>	6 (22.7 liters)
<b>LENGTH</b>	28.75" (73 cm)
<b>WIDTH</b>	17.5" (44.5 cm)
<b>DRINKING HEIGHT</b>	14" (35.5 cm)
<b>WEIGHT</b>	40 pounds (18.15 kg)
<b>HEAT</b>	Optional 250 watt submersible heater



## HORSES



### EQUIFont features:

- Smooth rounded edges for safety
- Durable 100% polyethylene construction; urethane foam insulation
- Minimum intrusion on stall space
- Four bolt installation
- Plumb from above or below
- Ample drinking space; plentiful water supply with minimal waste
- Large easy drain; no disassembly required
- Attractive design; several color options

### 1100 CORNER MOUNT / 1200 WALL MOUNT



**DIMENSIONS**  
16" x 16" x 14" tall  
(41 x 41 x 36 cm)

**WEIGHT**  
22 pounds (10 kg)

**HEAT**  
Optional 22 watt heater

New Color Options  
 Gray  Blue(Standard)  
 Black  Hunter Green



### 834-5 INSULATED EXTENSION TUBE

Cold barns are not a problem for EQUIFont waterers. This insulated extension tube allows water line to enter from below without freezing. Rubber plug can be removed for access to water shut off valve.



### 2800

30 head horses  
(15 liters) 4  
(51 x 41 x 69 cm) 20" x 16" x 27" tall  
(48 cm) 19"  
Miraco automatic plastic  
(18 kg) 40 pounds  
Optional 110 volt 250 watt  
submersible heater  
200 psi hose w/shut off  
valve included

**CAPACITY**  
**GALLONS**  
**DIMENSIONS**  
**DRINKING HEIGHT**  
**VALVE**  
**WEIGHT**  
**HEAT**  
**INSTALL**

New Color Options  
 Gray  Blue(Standard)  Black  Hunter Green

### 2900

60 head horses  
(23 liters) 6  
(78 x 41 x 69 cm) 30.5" x 16.5" x 27" tall  
(48 cm) 19"  
Miraco automatic plastic  
(22 kg) 48 pounds  
Optional 110 volt 250 watt  
submersible heater  
200 psi hose w/shut off  
valve included



E-Founts are the most economical electric heat waterers available today. All E-Founts are equipped with a 75 watt heat element and thermostat. E-Founts only require 4 kilowatts of electricity during a week of -25° F temperatures.



## GENERAL LIVESTOCK



### 3330-E

<b>CAPACITY</b>	50 head beef 25 head dairy
<b>GALLONS</b>	15 (57 liters)
<b>SPECIFICATIONS</b>	One 8.75" opening / 9" ball closure
<b>DIMENSIONS</b>	28" x 26" x 14" tall (71 x 66 x 36 cm)
<b>WEIGHT</b>	57 pounds (26 kg)
<b>HEAT ELEMENT</b>	75 watts

### 3340-E

<b>CAPACITY</b>	100 head sheep
<b>GALLONS</b>	15 (57 liters)
<b>SPECIFICATIONS</b>	Four 6" openings / 7" ball closures
<b>DIMENSIONS</b>	28" x 26" x 14" tall (71 x 66 x 36 cm)
<b>WEIGHT</b>	57 pounds (26 kg)
<b>HEAT ELEMENT</b>	75 watts



## GENERAL LIVESTOCK

### 3390-E

<b>CAPACITY</b>	150 head beef 60 head dairy
<b>GALLONS</b>	44 (166 kg)
<b>SPECIFICATIONS</b>	Two 10" openings / 10.75" ball closures Removable end panels
<b>DIMENSIONS</b>	43" x 29" x 20" tall (109 x 74 x 51 cm)
<b>WEIGHT</b>	129 pounds (58 kg)
<b>HEAT ELEMENT</b>	75 watts



**Stainless Steel  
anchor bolts  
included**



### 3465-E

<b>CAPACITY</b>	100 head beef 40 head dairy
<b>GALLONS</b>	20 (76 kg)
<b>SPECIFICATIONS</b>	Two 9.5" openings / 10" ball closures
<b>DIMENSIONS</b>	36" x 24" x 18" tall (91 x 61 x 46 cm)
<b>WEIGHT</b>	79 pounds (36 kg)
<b>HEAT ELEMENT</b>	75 watts



## 3345-E

<b>CAPACITY</b>	75 head beef 30 head dairy
<b>GALLONS</b>	30 (112 liters)
<b>SPECIFICATIONS</b>	One 10" openings (removable top)
<b>DIMENSIONS</b>	29" x 31" x 18" tall (73.6 x 109 x 46 cm)
<b>WEIGHT</b>	95 pounds (43 kg)
<b>DRINKING HEIGHT</b>	18" (46 cm)
<b>HEAT ELEMENT</b>	75 watts



## 3354-SE

<b>CAPACITY</b>	200 head beef 90 head dairy
<b>GALLONS</b>	70 (265 liters)
<b>SPECIFICATIONS</b>	Four 9.5" openings / 10.75" ball closures (convertible)
<b>DIMENSIONS</b>	57.5" x 32.5" x 19" (146 x 48 cm)
<b>WEIGHT</b>	152 pounds (69 kg)
<b>DRINKING HEIGHT</b>	19" (48 cm)
<b>HEATING ELEMENT</b>	Two 75 watt heaters

## GENERAL LIVESTOCK

### 3410-E

<b>CAPACITY</b>	100 market hogs 50 sows
<b>GALLONS</b>	6 (27 liters)
<b>SPECIFICATIONS</b>	Two lift up lids / 10" openings
<b>DIMENSIONS</b>	34" x 19" x 16" tall (86 x 48 x 41 cm)
<b>WEIGHT</b>	57 pounds (26 kg)
<b>HEAT ELEMENT</b>	75 watts



### 3410-4E

<b>CAPACITY</b>	200 market hogs 100 sows
<b>GALLONS</b>	15 (57 liters)
<b>SPECIFICATIONS</b>	Four lift up lids / 10" openings
<b>DIMENSIONS</b>	34" x 36.5" x 16" tall (86 x 93 x 41 cm)
<b>WEIGHT</b>	98 pounds (45 kg)
<b>HEAT ELEMENT</b>	75 watts



### MiraFount features:

- Polyethylene construction
- No sharp edges
- Tough high-impact resistant "Rockite" material
- Stands up to livestock abuse
- Resistant to corrosion
- 5 year warranty
- Patented Miraco roll-away ball closures
- Extra insulation above the valve area
- Removable dome for quick and easy access to valve area
- 2" to 3" (5 to 8 cm) urethane insulation
- Molded base unit anchors (stainless steel anchor bolts included)
- Sealed bottoms
- Sloped bottoms for easier cleaning – a MiraFount exclusive
- Minimum head required



## BEEF & DAIRY CATTLE



### 3345

<b>CAPACITY</b>	75 Head Beef 30 Head Dairy
<b>GALLONS</b>	30 (112 liters)
<b>SPECIFICATIONS</b>	One 10" opening (10-3/4" ball)
<b>DIMENSIONS</b>	29" x 31" x 18" (73.6 x 109 x 66 cm)
<b>WEIGHT</b>	95 pounds (43 kg)
<b>DRINKING HEIGHT</b>	18" (66 cm)



### 3330

<b>CAPACITY</b>	50 head beef 25 head dairy
<b>GALLONS</b>	15 (57 liters)
<b>SPECIFICATIONS</b>	One 8.75" opening / 9" ball closure
<b>DIMENSIONS</b>	28" x 26" x 14" (71 x 66 x 35.5 cm)
<b>WEIGHT</b>	59 pounds (27 kg)
<b>DRINKING HEIGHT</b>	14" (35.5 cm)

**Stainless Steel anchor bolts included**





## BEEF & DAIRY CATTLE

### 3465

<b>CAPACITY</b>	100 head beef 40 head dairy
<b>GALLONS</b>	20 (75 liters)
<b>SPECIFICATIONS</b>	Two 9.25" openings / 10" ball closures
<b>DIMENSIONS</b>	36" x 24" x 18" (91 x 61 x 46 cm)
<b>WEIGHT</b>	79 pounds (36 kg)
<b>DRINKING HEIGHT</b>	18" (46 cm)



#### A MIRACO EXCLUSIVE

*With MiraFount you have two ways for cattle to find water fast.*

- #1 Use the trainer bolt to hold the ball back out of the hole.  
(or)
- #2 Remove one end of the top and use as an open waterer.

Not available on the #3465 MiraFount.



Model #3390 - Split top end panels allow you to easily remove top end panels to help get new cattle started fast. Or, remove the panels when you need more capacity for a few extra head. Not available on the #3465 MiraFount.

### 3390

<b>CAPACITY</b>	150 head beef 60 head dairy
<b>GALLONS</b>	44 (166.5 liters)
<b>SPECIFICATIONS</b>	Two 10" openings / 10.75" ball closures (convertible)
<b>DIMENSIONS</b>	43" x 29" x 20" (109 x 73.6 x 51 cm)
<b>WEIGHT</b>	126 pounds (57 kg)
<b>DRINKING HEIGHT</b>	20" (51 cm)



## 3354-S

<b>CAPACITY</b>	200 head beef 90 head dairy
<b>GALLONS</b>	70 (265 liters)
<b>SPECIFICATIONS</b>	Four 9.5" openings / 10.75" ball closures (convertible)
<b>DIMENSIONS</b>	57.5" x 32.5" x 19" (146 x 82 x 48 cm)
<b>WEIGHT</b>	152 pounds (69 kg)
<b>DRINKING HEIGHT</b>	19" (48 cm)

Removable top end panels help get new cattle started fast or when you need more capacity for a few extra head.



Cattle love the roll-away ball feature. Nothing in their face while drinking, unlike the competition's design where they have the disc constantly in their face.



Stainless Steel  
anchor bolts  
included

## BEEF & DAIRY CATTLE



### 3370-S

<b>CAPACITY</b>	250 head beef 120 head dairy 200 cow/calf units
<b>GALLONS</b>	100 (378 liters)
<b>SPECIFICATIONS</b>	Six 9.5" openings / 10.75" ball closures
<b>DIMENSIONS</b>	57.5" x 45.5" x 20" (146 x 115 x 51 cm)
<b>WEIGHT</b>	216 pounds (98 kg)
<b>DRINKING HEIGHT</b>	20" (51 cm)



Features removable end panels to help get new cattle started fast or when you need more capacity for a few extra head. Two valves are provided for fast recovery.

When you see the blue balls up you know you have water, even from a distance.

### MiraFount features:

- Patented underside lid seal for energy-free watering
- Easy access to valve area
- Low drinking height profile for small pigs
- Large 10" (25 cm) openings to accommodate market hogs and sows
- Seamless sidewall construction
- Stainless steel anchors and stainless steel bolts included
- Drain holes with rubber plugs for easy cleaning
- Cool water relieves heat stress on hot days

**MiraFount waterers – the best choice for your hog watering needs.**



## HOGS



## 3410

<b>CAPACITY</b>	100 head market hogs 50 head sows
<b>GALLONS</b>	6 (23 liters)
<b>SPECIFICATIONS</b>	Two lift-up lids / 10" openings
<b>DIMENSIONS</b>	34" x 19" x 16" tall (86 x 48 x 41 cm)
<b>WEIGHT</b>	52 pounds (24 kg)

**Two large drain holes with rubber plugs for easy cleaning.**

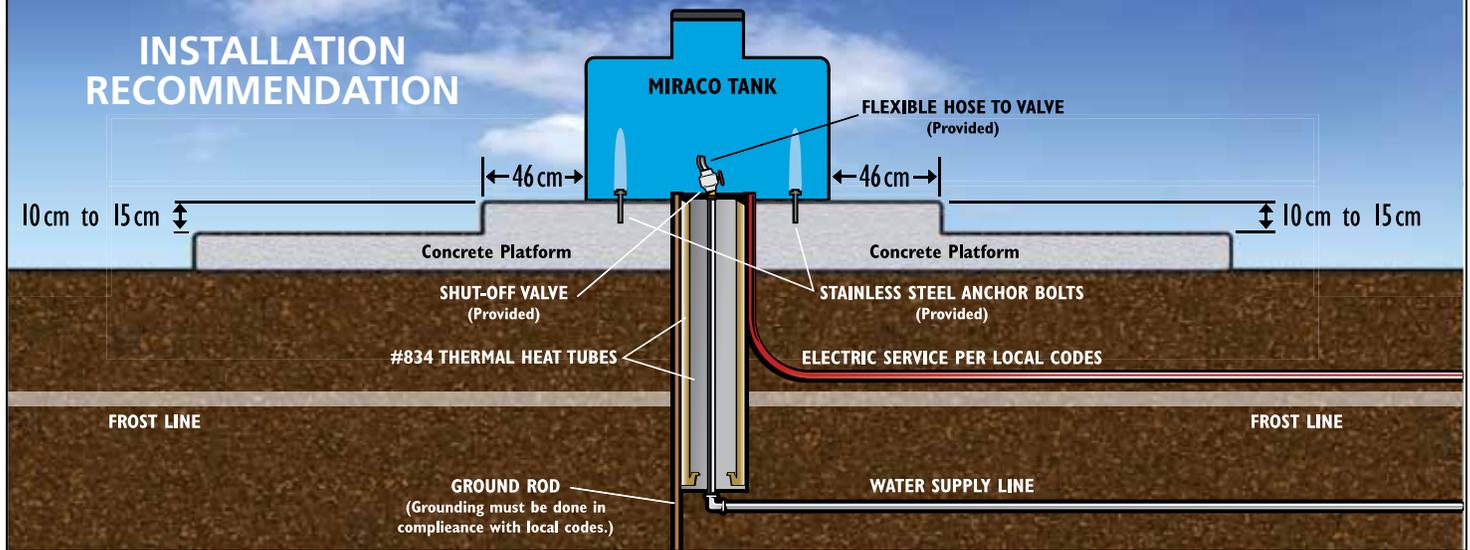


**Stainless Steel anchor bolts included**

## 3410-4

<b>CAPACITY</b>	200 head market hogs 100 head sows
<b>GALLONS</b>	15 (57 liters)
<b>SPECIFICATIONS</b>	Four lift-up lids / 10" openings
<b>DIMENSIONS</b>	34" x 36.5" x 16" tall (86 x 93 x 41 cm)
<b>WEIGHT</b>	95 pounds (43 kg)

# INSTALLATION RECOMMENDATION



## ACCESSORIES

### HOOKUP KITS

Part No. #158  
2' rubber hose (200 psi) with shut off valve



### UNDERGROUND SHUT OFF KIT

Part No. #399-5  
with Drain Back



### AUTOMATIC VALVES

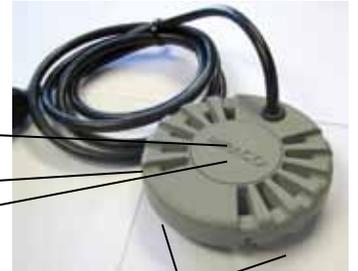
Part No.	GPM	Pressure
#336	14	Low 5 – 40 psi
#521	12.5	High 40 – 80 psi
#519	6	High 80 – 90 psi



### HEATERS 3 year warranty

Available in 120 Volt or 240 Volt  
250 Watts and 500 Watts

HighLimit safety fuse  
Teflon coated aluminum  
New thermostat technology



Design allows heater to set 1/2" above the bottom for better heat dispersion.

Part No. #543	with built-in thermostat 250 Watt Immersion Heater
#543-5	500 Watt Immersion Heater (110 Volt or 220 Volt)
Part No. #919-5	Thermostat Controlled Cable Line Heater (110 Volt or 220 Volt)



### 834 INSULATED HEAT TUBES

Highly insulated tube shields incoming ground water from cold as it passes through the frost level. Polyethylene construction ensures years of trouble-free use. One 30-inch tube and 3 feet of 12-inch plastic drainage tile provides a sufficient heat well in most locations. For northern locations, two 30-inch heat tubes may be required.

**Outside Dimensions** 14" X 30" (36 x 76 cm)  
2" Insulation (5 cm)  
**Weight** 16 pounds (7 kg)



# MIRACO

Livestock Water Systems

P.O. Box 686  
Grinnell, Iowa 50112  
Phone (641) 236-5822  
Fax (641) 236-3341  
Toll-Free (800) 541-7866  
Visit our website: [www.miraco.com](http://www.miraco.com)

Authorized Dealer