



Quality Automatic Waterers for Every Animal



**Personalized Service.
Every Day. Every Time.**

www.Miraco.com

COVER:**MIRAFOUNT ENERGY FREE AUTOMATIC
LIVESTOCK BALL WATERER**

Like a natural spring in your pasture or lot, the MiraFount operates on no electricity.

The cost of gas and electricity will continue to rise, but the cost of operating your MiraFount waterer will always remain constant.

Our Real Business is You.

A photograph of two cows, one black and white and one brown and white, drinking from a blue MiraFount waterer in a green field. The waterer is a blue plastic container with a black lid and a small square opening at the bottom. The background shows a rolling green landscape with mountains in the distance under a clear sky.

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PICTURED

Lil'Spring 3500

This model features a valve compartment at a 45 degree angle in the middle of the tank so animals have access to all four sides. The Lil'Spring 3500 provides 168" of drinking space.

LIVESTOCK WATERER SELECTION CHART

Prod #	Description	Gallons / Liters	Capacity	Length/Width/Height (in/cm)	Weight (lbs/kg)	Heater Option
A3330-E	1 Ball Waterer	15 / 57	25 Head Dairy 50 Head Beef	28 x 26 x 21 in 71 x 66 x 53 cm	57 / 26	75 Watt (Built In)
A3340-E	4 Ball Waterer	15 / 57	100 Head Sheep	28 x 26 x 20 in 71 x 66 x 51 cm	57 / 26	75 Watt (Built In)
A3390-E	2 Ball Waterer	44 / 166	60 Head Dairy 150 Head Beef	43 x 29 x 27.5 in 109 x 73.5 x 70 cm	129 / 58.5	75 Watt (Built In)
A3465-E	2 Ball Waterer	20 / 76	40 Head Dairy 100 Head Beef	36 x 24 x 18 in 91.5 x 61 x 65 cm	79 / 36	75 Watt (Built In)
A3345-E	1 Ball Waterer	30 / 112	30 Head Dairy 75 Head Beef	29 x 31 x 26.5 in 73.5 x 79 x 67 cm	95 / 43	75 Watt (Built In)
A3354-SE	4 Ball Waterer	70 / 265	90 Head Dairy 200 Head Beef	57.5 x 32.5 x 27 in 146 x 82.5 x 68.5 cm	152 / 69	75 Watt (Built In)
A3410-E	2 Lift-up Lids	6 / 27	50 Sows 100 Market Hogs	34 x 19 x 16.5 in 86 x 48 x 16.5 cm	57 / 26	75 Watt (Built In)
A3410-4E	4 Lift-up Lids	15 / 57	100 Sows 200 Market Hogs	34 x 36.5 x 16.5 in 71 x 66 x 51 cm	98 / 44.5	75 Watt (Built In)
A3345	1 Ball Waterer	30 / 112	30 Head Dairy 75 Head Beef	29 x 31 x 26.5 in 73.5 x 79 x 67 cm	95 / 43	No Heater Option
A3330	1 Ball Waterer	15 / 57	25 Head Dairy 50 Head Beef	28 x 26 x 21 in 71 x 66 x 53 cm	57 / 26	No Heater Option
A3465	2 Ball Waterer	20 / 76	40 Head Dairy 100 Head Beef	36 x 24 x 18 in 91.5 x 61 x 65 cm	79 / 36	No Heater Option
A3390	2 Ball Waterer	44 / 166	60 Head Dairy 150 Head Beef	43 x 29 x 27.5 in 109 x 73.5 x 70 cm	129 / 58.5	No Heater Option
A3354-S	4 Ball Waterer	70 / 265	90 Head Dairy 200 Head Beef	57.5 x 32.5 x 27 in 146 x 82.5 x 68.5 cm	152 / 69	No Heater Option
A3370-S	6 Ball Waterer	100 / 378	120 Head Dairy, 200 Cow/Calf Units, 250 Head Beef	57.5 x 45.5 x 28 in 146 x 115.5 x 71 cm	216 / 98	No Heater Option
A3410	2 Lift-up Lids	6 / 27	50 Head Sows 100 Head Market Hogs	34 x 19 x 16.5 in 86 x 48 x 16.5 cm	57 / 26	No Heater Option
A3410-4	4 Lift-up Lids	15 / 57	100 Head Sows 200 Head Market Hogs	34 x 36.5 x 16.5 in 71 x 66 x 51 cm	98 / 44.5	No Heater Option
A1100	Corner Mount Waterer	1 / 4	Single Horse	16 x 16 x 14 in 40.5 x 40.5 x 35.5 cm	22 / 10	22 Watt Sold Separately
A1200	Wall Mount Waterer	1 / 4	Single Horse	16 x 16 x 14 in 40.5 x 40.5 x 35.5 cm	22 / 10	22 Watt Sold Separately
A2700	2 Sided Open Waterer	6 / 23	100 Head Sheep/Goats	28.75 x 17.5 x 24.5 in 73 x 44.5 x 62 cm	40 / 18	250 Watt Sold Separately
A2800	1 Sided Open Waterer	4 / 15	30 Head Beef 30 Head Horses	20 x 16 x 19 in 51 x 40.5 x 70 cm	40 / 18	250 Watt Sold Separately
A2900	2 Sided Open Waterer	6 / 23	60 Head Beef 60 Head Horses	30.5 x 16.5 x 19 in 77.5 x 42 x 70 cm	48 / 22	250 Watt Sold Separately
A3000	1 Sided Open Waterer	5 / 19	30 Head Beef, 30 Head Horses, 50 Head Sheep	24 x 22 x 15 in 61 x 56 x 55 cm	48 / 22	250 Watt Sold Separately
A3100	2 Sided Open Waterer	8 / 30	50 Head Dairy 100 Head Beef	36 x 22 x 22 in 91.5 x 56 x 70 cm	75 / 34	250 Watt Sold Separately
A3200	1 Sided Open Waterer	25 / 95	75 Head Dairy 150 Head Beef	48 x 24 x 30 in 122 x 61 x 76 cm	98 / 44.5	250 Watt Sold Separately
A3500	4 Sided Open Waterer	40 / 152	110 Head Dairy 225 Head Beef	28 x 26 x 21 in 71 x 66 x 51 cm	145 / 66	500 Watt Sold Separately

Miraco has been offering healthy, clean, fresh livestock water systems to producers since 1974. All Miraco Automatic Livestock Waterers come with a 5 year warranty. Valve and valve parts come with a 1 year warranty.

Prod #	Description	Gallons / Liters	Capacity	Length/Width/Height (in/cm)	Weight (lbs/kg)	Heater Sold Separately
A6000	Double Sided Open Waterer	60 / 227	100 Head Dairy 250 Head Beef	90 x 33 x 24 in 229 x 84 x 61 cm	215 / 97	500 Watt Sold Separately
A6100	Curved Open Waterer	60 / 227	110 Head Dairy	80 x 36 x 24 in 203 x 91 x 61 cm	210 / 93	500 Watt Sold Separately
A6200	Double Sided Open Waterer	60 / 227	100 Head Dairy 200 Head Beef	84 x 22 x 22 in 213 x 56 x 56 cm	170 / 77	500 Watt Sold Separately
A6300	Double Sided Open Waterer	110 / 416	150 Head Dairy 300 Head Beef	144 x 22 x 22 in 366 x 56 x 56 cm	275 / 125	500 Watt Sold Separately
A6400	Double Sided Open Waterer	90 / 341	125 Head Dairy 250 Head Beef	120 x 22 x 22 in 305 x 56 x 56 cm	230 / 104	500 Watt Sold Separately
A6500	Double Sided Open Waterer	130 / 492	175 Head Dairy 350 Head Beef	168 x 22 x 22 in 427 x 56 x 56 cm	230 / 104	500 Watt Sold Separately

"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



Miraco Ball Waterers: MiraFount & E-Fount

When you see the water balls you know you have water
- even from a distance.



Miraco tanks can withstand cold temperatures without freezing



Poly construction makes these tanks durable. Multiple color options available on select tanks



Patented Miraco roll-away ball closures

E-Fount Waterers

Energy Efficient

E-Founts are the most economical electric heat waterers available today.

All E-Founts come equipped with a 75 watt heat element and thermostat. E-Founts only require 4 kilowatts of electricity during a week of -25 F temperatures.

MiraFount Waterers

Energy Free

MiraFount Tanks were the first livestock tanks in the world to be developed energy free. These innovative tanks have 2-3" of urethane insulation and have extra installation above the valve area. Water stays cool in warm temperatures and does not freeze in cold conditions.



Exclusive MiraFount training device helps cattle find water fast*.

Use the trainer bolt to hold the ball back out of the hole.

You also have the option of removing one end of the top and using as an open waterer.

Not available on the 3465 MiraFount



MiraFount A3390
Energy Free



E-Fount A3390-E
Energy Efficient: 75 Watt Heat Element

The MiraFount 2 - Hole Waterer has split top panels that can be easily removed to help get new cattle started fast. Or, remove the panels to provide more capacity for a few extra head. The openings are 10" with 10.75" ball closures. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3390 & A3390-E	150 Head Beef 60 Head Dairy	44 / 166.5	43" x 29" x 20" (L x W x H) 109 x 73.6 x 51 cm	126 lbs / 57 kg



MiraFount A3330
Energy Free



E-Fount A3330-E
Energy Efficient: 75 Watt Heat Element

The MiraFount 1 - Hole Waterer has split top panels that can be easily removed to help get new cattle started fast. The opening is 8.75" with a 9" ball closure. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3330 & A3330-E	50 Head Beef 25 Head Dairy	15 / 57	26" x 28" x 14" (L x W x H) 66 x 71 x 36 cm	57 lbs / 26 kg

8 Ball Waterers



The MiraFount 2 - Hole Waterer has 9.25" openings with 10" ball closures. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3465 & A3465-E	100 Head Beef 40 Head Dairy	20 / 75	24" x 36" x 18" (L x W x H) 61 x 91 x 46 cm	79 lbs / 36 kg



The MiraFount 1 - Hole Waterer has a 10" opening with a removable top. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3345 & A3345E	75 Head Beef 30 Head Dairy	30 / 112	29" x 31" x 18" (L x W x H) 73.6 x 109 x 66 cm	95 lbs / 43 kg



MiraFount A3354
Energy Free



E-Fount A3354-SE
Energy Efficient: 2 - 75 Watt Heat Elements

This MiraFount 4 Hole Waterer has top panels that can be easily removed to help get new cattle started fast. Or, remove the panels to provide more capacity for a few extra head. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3354 & A3354-SE	150 Head Beef 60 Head Dairy	44 / 166.5	43" x 29" x 20" (L x W x H) 109 x 73.6 x 51 cm	126 lbs / 57 kg



MiraFount A3340
Energy Free



E-Fount A3340-E
Energy Efficient: 75 Watt Heat Element

This MiraFount 4 Hole Waterer is designed specifically for sheep. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3340 & A3340-E	100 Head Sheep	15 / 57	26" x 28" x 14" (L x W x H) 66 x 71 x 36 cm	57 lbs / 26 kg

10 Ball Waterers



MiraFount A3370-S
Energy Free

250 Head Beef | 120 Head Dairy
200 Cow/Calf Units

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

Tank	Dimensions	Weight
A3370-S	45.5" x 57.5" x 20" (L x W x H) 146 x 115 x 51 cm	215 lbs / 98 kg

4 Important Management Tips to Consider When Purchasing an Energy Free Waterer



A minimum of 20 head of livestock need to be using the waterer during subzero weather.

If you can't meet these requirements, the E-Fount may be the best fit for you.



Water lines must be buried well below the frost line so incoming water is at least 42 degrees.



You must use an insulated heat well or supply a low wattage heat tape on the water line in areas where frost goes below 21 inches deep. The heat well must be free of water above the frost line.



The MiraFount must be the primary water source and livestock should have access to the waterer at all times.

How Does a MiraFount Work?

Water comes from the ground normally around 45-52 F. When the water enters the MiraFount and the closures float up and seal off the drinking ports, the MiraFount becomes a thermos for livestock. Whenever an animal drinks, it removes a quantity of water which is immediately replaced by ground water through the valve. This exchange of water keeps the water warm even in the coldest climate and cool in warm climates. A minimum of 10 head of cattle or 20 head of hogs will keep the MiraFount frost free all winter in most locations.

Swine Waterers

MiraFount Energy Free Swine Waterer

Features:

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



This tank is specially designed for hogs and contains two lift up lids that have 10" openings. Additionally, these tanks have two large drain holes with rubber plugs for easy cleaning. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3410 & A3410-E	100 Market Hogs 50 Sows	6 / 23	19" x 34" x 16" (L x W x H) 48 x 86 x 41 cm	52 lbs / 24 kg



This tank is specially designed for hogs and contains four lift up lids that have 10" openings. Additionally, these tanks have two large drain holes with rubber plugs for easy cleaning. Stainless steel anchor bolts are included.

Tanks	Capacity	Gallons / Liters	Dimensions	Weight
A3410-4 & A3410-4E	200 Market Hogs 100 Sows	15 / 57	36.5" x 34" x 16" (L x W x H) 93 x 86 x 41 cm	95 lbs / 43 kg

12 Case Study: Bunker Park Stables



LEADING HORSES TO A MORE ENERGY EFFICIENT DRINK

It took just one instance during a rough winter to convince Jim Dimmerman that the only watering fountains he'd use were the best on the market.

As operations manager for Bunker Park Stables, Dimmerman oversees the daily functions of the riding facility located in Andover, Minnesota. With more than 70 horses on the property, and a diverse herd featuring draft horses, Quarter Horses and Shetland ponies, Dimmerman has to not only consider the size of each animal when selecting livestock equipment, but also the extremes in weather changes.

"The horses live outside year-round at Bunker Park Stables and all of our water fountains are exposed," explains Dimmerman. "Because of the weather conditions we face, our fountains must be the best. They need to be well made, durable, cost-effective, provide clean water and cannot freeze. And lastly, the fountain has to be diverse enough to accommodate the ponies, all the way to the draft horses."

Nowadays, Dimmerman relies on Miraco E-Fount Energy Efficient Heated Ball Waterers for Bunker Park Stables.

"The design of E-Fount waterers is very well thought out," says Dimmerman. "They are strong, durable, never freeze and always provide fresh clean water – free of algae. The height and function of the product is perfect for the ponies as well as the Percherons."

E-Fount water fountains are the most economical electric heat waterers available today, states Scott Rooney, Miraco and Gallagher Technical Support representative. The construction of the E-Fount features a durable outside shell and an inside component that is energy efficient and provides superior insulation.

"All Miraco E-fount waterers are equipped with a 75-watt heat element and thermostat," Rooney explains. "E-Founts only require 4kWh of electricity during a week of negative 25 degree Fahrenheit temperatures, which is crucial during a Minnesota winter. The fountains are also built according to high standards to be as energy efficient as possible."

In fact, Dimmerman was able to put his E-Fount to the test when locally-based Connexus Energy asked Bunker Park Stables to participate in an energy efficient water fountain study.

"The company couldn't have asked for a better time to conduct their study," says Dimmerman. "We experienced a particularly harsh winter with snow on the ground the first week of November and the ground didn't start thawing until the middle of April. This was the worst winter I've seen since 1995."

Energy Efficiency Programs Coordinator for Connexus Energy, Ken Glaser, said the long winter made for a perfect opportunity to truly test the energy efficiency of the Miraco E-Fount and a similar sized water fountain of one of its competitors.

After 3,767 hours of monitoring, Glaser found the Miraco fountain used 246 kWh and the competitor's fountain used 948 kWh.

"That's a savings of 702 kWh, which in Andover, translates to roughly \$80 a year – and that's measuring just one water fountain," says Glaser.

"In an operation like Bunker Park Stables that utilizes multiple fountains throughout the property, you can see how quickly the savings add up."

Dimmerman says he is pleased with the findings of the energy efficiency study and the results just add to his trust in Miraco's watering systems. "I appreciate Ken Glaser and Connexus Energy demonstrating the value, reliability and durability of the Miraco fountains. Hopefully this information will help others with livestock operations make better purchasing decisions in the future."

"Regardless if you have two horses or a large herd of livestock, you will notice a savings utilizing Miraco water fountains," says Glaser. "If we can show savings in the middle of a particularly long winter in Minnesota, you can show savings pretty much anywhere you live."



Lil'Spring Tank Waterers

Lil'Spring models are ideal for small animals such as goats, llamas, ponies, horses and many others. Lil'Spring models can accommodate multiple pens by installing them in split-fence application.

- One-piece body polyethylene construction
- No sharp edges
- Tough high impact resistant "Rockite" material to stand up to livestock abuse
- Removable dome for quick and easy access to the valve area
- 2-3" urethane foam insulation
- Molded base unit anchors (stainless steel anchor bolts are included with all models)
- Sloped bottom for easy cleaning
- Sealed bottoms
- Color options are available
- Optional heater may be added



Lil'Spring A2700
Energy Efficient

Resistant to corrosion, the double sided Lil'Spring Goat & Sheep Waterer has no sharp edges. Optional 250 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A2700	6 / 23	35 lbs / 15 kg
Capacity	100 Sheep 100 Goats	
Dimensions	28.75" x 11.5" x 14" (L x W x H) 73 x 44.45 x 35.5 cm	



Lil'Spring A2800
Energy Efficient

Resistant to corrosion, the Lil'Spring Multipurpose Waterer has no sharp edges. Optional 250 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A2800	4 / 15	40 lbs / 18 kg
Capacity	30 Beef Cattle 20 Horses	
Dimensions	20" x 16" x 19" (L x W x H) 51 x 41 x 69 cm	



Lil'Spring A2900
Energy Efficient

This double sided waterer is designed with heavy duty polyethylene construction. Optional 250 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A2900	6 / 23	48 lbs / 22 kg
Capacity	50 Beef Cattle 25 Horses	
Dimensions	30.5" x 16.5" x 19.75" (L x W x H) 77.5 x 40.6 x 69 cm	

14 Lil'Spring Open Livestock Waterers



Lil'Spring A3000
Energy Efficient

This single sided open waterer is resistant to corrosion, with no sharp edges. Access panels at both ends.

Installs easily on most existing concrete pads. Optional 250 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A3000	5 / 19	48 lbs / 22 kg
Capacity	30 Beef Cattle 30 Horses 50 Sheep	
Dimensions	24" x 22" x 16" (L x W x H) 61 x 56 x 53 cm	



Lil'Spring A3100
Energy Efficient

Large panels for easy tool free access to valve area. This double sided open waterer is resistant to corrosion, with no sharp edges. Optional 250 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A3100DS	8 / 30	75 lbs / 34 kg
Capacity	100 Beef Cattle 50 Dairy Cattle	
Dimensions	36" x 22.5" x 22" (L x W x H) 91 x 56 x 69 cm	



Lil'Spring A3200
Energy Efficient

Designed with a heavy duty polyethylene construction for beef and dairy cattle, this open waterer maintains high impact resistance for tough conditions. Installs easily on most existing concrete pads. 3" offset drain. Optional 250 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A3200	25 / 95	98 lbs / 45 kg
Capacity	150 Beef Cattle 75 Dairy Cattle	
Dimensions	48" x 22" x 24" (L x W x H) 122 x 64 x 74 cm	



Lil'Spring A3500
Energy Efficient

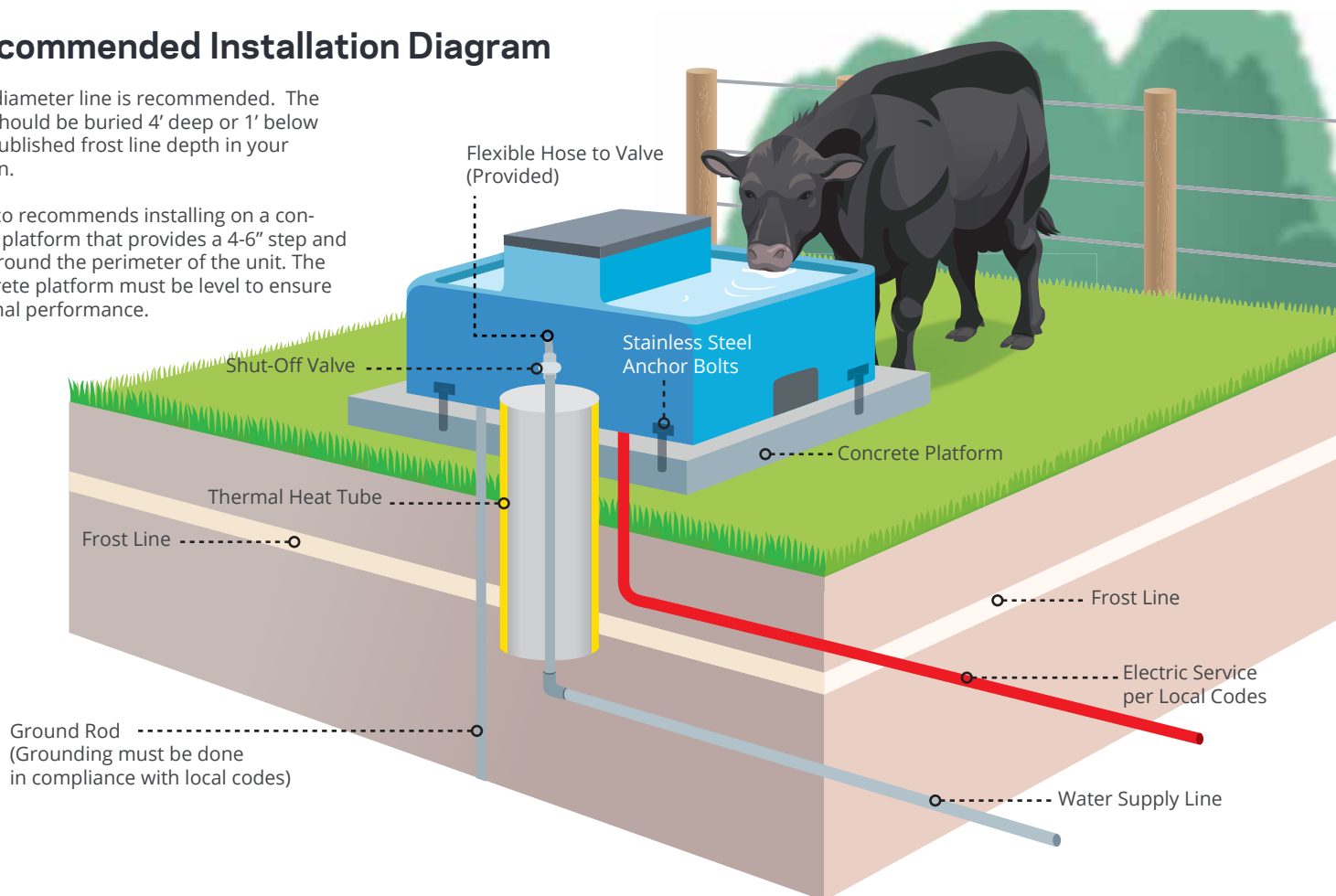
Resistant to corrosion, the Lil'Spring Multipurpose Waterer has no sharp edges. Access panels are located at both ends of the tank. The diagonal valve compartment lets more cattle drink at one time. Optional 500 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A3500	40 / 152	145 lbs / 65 kg
Capacity	225 Beef Cattle 110 Dairy Cattle	
Dimensions	42" x 42" x 26" (L x W x H) 107 x 107 x 66 cm	

Recommended Installation Diagram

A 1" diameter line is recommended. The line should be buried 4' deep or 1' below the published frost line depth in your region.

Miraco recommends installing on a concrete platform that provides a 4-6" step and 18" around the perimeter of the unit. The concrete platform must be level to ensure optimal performance.



16 EquiFount Equine Waterers

EquiFount Features:

- 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 are available



EquiFount A1100
Corner Mount

Space-saving corner mount waterer available with optional heater. Holds 1 gallon of water. Automatic waterer.

Tank	Gallons / Liters	Weight
A1100	1 / 4	22 lbs / 10 kg
Capacity	Horse Stall or Single Animal Watering	
Dimensions	16" x 16" x 14" (L x W x H) 41 x 41 x 36 cm	



EquiFount A1200
Wall Mount

Automatic 1 Gallon Wall Mount Waterer available with optional heater. EquiFount features smooth rounded edges for safety with minimum intrusion on stall space.

Tank	Gallons / Liters	Weight
A1200	1 / 4	22 lbs / 10 kg
Capacity	Horse Stall or Single Animal Watering	
Dimensions	16" x 16" x 14" (L x W x H) 41 x 41 x 36 cm	



EquiFount A834-5
Insulated Extension Tube

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

EquiFount features smooth rounded edges for safety with minimum intrusion on stall space

BigSpring Livestock Waterers

BIGSpring Waterers feature a one-piece polyethylene construction for beef and dairy cattle. Tough “rockite” material for high impact resistance to stand up to livestock abuse.

These tanks resist corrosion, chipping and cracking with a 5 year warranty.

- One-piece body polyethylene construction
- No sharp edges
- Rugged construction stands up to livestock abuse
 - resists corrosion, no chipping or cracking
- 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



For cleaner water, neck rail recommended to prevent cattle from standing in the water.



BigSpring A6000
Energy Efficient

The flat back of the BigSpring A6000 is designed to fit flush with the wall. Water spray for attracting new cattle to water. 3” Drain hole with rubber plug for rapid cleaning. Optional 500 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A6000	60 / 227	215 lbs / 97 kg
Capacity	100 Beef Cattle 250 Dairy Cattle	
Dimensions	90” x 33” x 24” (L x W x H) 229 x 84 x 61 cm	



BigSpring A6100
Energy Efficient

This tank is a favoured by Dairies. Flat back sits flush with wall. Removable dome for easy access to valve area. Optional 500 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A6100	60 / 227	210 lbs / 93 kg
Capacity	110 Dairy Cattle	
Dimensions	80” x 36” x 24” (L x W x H) 203 x 91 x 61 cm	

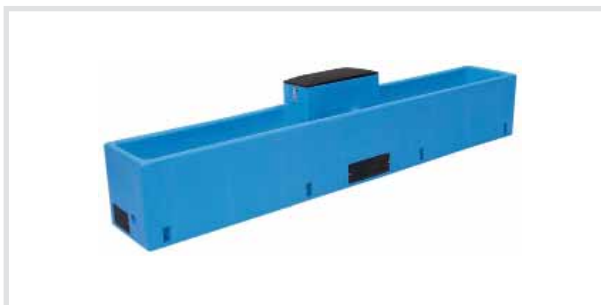
18 BigSpring Open Livestock Waterers



BigSpring A6200
Energy Efficient

Tough, high impact resistant, Rockite construction. Removable dome for fast and easy access to valve area. Sloped bottoms for easy cleaning. Optional 500 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A6200	60 / 227	170 lbs / 77 kg
Capacity	200 Beef Cattle 100 Dairy Cattle	
Dimensions	84" x 22" x 22" (L x W x H) 213 x 56 x 56 cm	



BigSpring A6300
Energy Efficient

Tough, high impact resistant, Rockite construction. Removable dome for fast and easy access to valve area. Sloped bottoms for easy cleaning. Optional 500 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A6300	110 / 416	275 lbs / 125 kg
Capacity	300 Beef Cattle 150 Dairy Cattle	
Dimensions	144" x 22" x 22" (L x W x H) 366 x 56 x 56 cm	



BigSpring A6400
Energy Efficient

Tough, high impact resistant, Rockite construction. Removable dome for fast and easy access to valve area. Sloped bottoms for easy cleaning. Optional 500 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A6400	90 / 341	230 lbs / 104 kg
Capacity	250 Beef Cattle 125 Dairy Cattle	
Dimensions	120" x 22" x 22" (L x W x H) 305 x 56 x 56 cm	



BigSpring A6500
Energy Efficient

Tough, high impact resistant, Rockite construction. Removable dome for fast and easy access to valve area. Sloped bottoms for easy cleaning. Optional 500 watt submersible heater sold separately.

Tank	Gallons / Liters	Weight
A6500	130 / 492	230 lbs / 104 kg
Capacity	350 Beef Cattle 175 Dairy Cattle	
Dimensions	168" x 22" x 22" (L x W x H) 427 x 56 x 56 cm	



Lil'Fount A1000
Multipurpose Waterer

The Lil'Fount pet waterer features all polyethylene construction with polyurethane foam insulation. It's poly exterior makes cleaning a breeze. There is no buildup of bacteria or algae. The bowl refills automatically, with no moving parts.

The Lil'Fount has a 5 gallon reservoir. During hot weather, add ice block/cubes with every fill. Nothing cools off a hot animal faster than cool, clean water to drink outside.

Tank	Gallons / Liters	Weight
A1000	5 / 19	14 lbs / 6 kg
Capacity	Small Animals	
Dimensions	12" x 18.5" x 16.5" (L x W x H) 30.5 x 47 x 42 cm	



Heaters
1 Year Warranty

Available in 110 Volt or 220 Volt; 250 Watts and 500 Watts. Design allows heater to set .5" above the bottom of the tank for better heat dispersion.

- High Limit safety fuse
- Teflon coated aluminium
- New thermostat technology

Part #	Description
A543	250 Watt Immersion Heater with built in thermostat
A543-5	500 Watt Immersion Heater - 110 Volt
A543-5/220	500 Watt Immersion Heater - 220 Volt
A919-5	Cable Line 110 Volt
A919-5/220	Cable Line 220 Volt



Underground Shut Off Kit A399-5

Easy to install underground shut off kit. Has drain back.



Insulated Heat Tube A834

Keep your water from freezing, with the energy free Miraco Heat Tube. Dimensions: 14 x 30" (36 x 76cm). Weighs 18 lbs (8 kg).



Automatic Valves

Part #	GPM	Pressure
A336* Black	14	Low 5-40 psi
A521* Red	12.5	High 40-80 psi
A519 Blue	6	High 80-90 psi

*previous version was blue



Hookup Kit A158

2' Rubber hose (200 psi) with a shut off valve.



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