

Since 1921
Relax...
Ritchie
waters 'em right®

The complete line of
Ritchie watering fountains



Since 1921

10 BIG reasons why Ritchie waters 'em right

1

Fresh water

Trough and valve combinations are sized to provide as much water as your animals want, yet at the same time, limit the amount that sits in the trough when they are not drinking. That way, the water is fresh and clean. Ritchie's high flow valves are available in two different sizes, depending on the size of the fountain's trough. Valves are available in different flow capacities to accommodate different supply line pressures.



2



The best warranty in the industry

Want to know how strongly a company believes in its products? Just look at the warranty and see if it has any teeth in it. At Ritchie, we provide a superior fountain, so we offer a superior 10 year limited warranty program on all our **poly products**: five years full, followed by five years prorated. **Steel products** carry a 10 year, 100% warranty on stainless troughs against manufacturing defects and corrosion; one year full and nine years prorated on casing and cover. None of our competition (concrete, poly or steel) offers a warranty this strong.

3

Totally sealed polyethylene units

You might think we're taking excessive pride in our workmanship, but we can't help bragging on the fact our heavy-duty, impact resistant, polyethylene fountains are totally sealed so moisture can't get to the insulation. Our poly is thicker than the competition. In addition, the heavy wall, roto-molded one piece construction employs UV inhibitors for extended life.



4

Nothing less than 304 stainless

There are cheaper grades of stainless steel out there, but you won't find them in Ritchie fountains. Our steel troughs are made of 304 stainless—the ultimate in durability and corrosion resistance.



5

Grade A dairy recommendations

You don't have to search the entire Ritchie product line for a fountain that meets Grade A dairy recommendations—they all do!



6

Smart design keeps things in working order

Our patented water seal design eliminates the need for gaskets that can freeze, crack and tear. No one else uses this superior sealing technology to keep cold air away from the valve, which is the heart and soul of any fountain. By protecting our high capacity valves, we're protecting your investment.



7



Heavy-duty, but not heavy

Compare a Ritchie fountain with the concrete water unit offered by the competition. Our troughs don't pit, they're easy to clean, they're economical to heat and they don't compromise the cleanliness of the water. Two people can install a Ritchie fountain, but you'll need heavy equipment to install a concrete unit. Ritchie fountains use 75% less energy than concrete.

8

Long, long life

Many livestock producers only buy a Ritchie fountain once every 30 years or so, but that's because their original Ritchie fountain has served them faithfully for all 30 years! Pride in workmanship is still one of the hallmarks of the Ritchie business and we make it easy on you by building fountains you can rely on, day in and day out. Once you find the right fountain for your operation, you'll understand why Ritchie products inspire the kind of loyalty that lasts for years.

9

Designed with animal safety in mind

All of Ritchie's stainless steel troughs have hemmed edges to make them smooth and blunt. Of course, our heavy-duty poly fountains have smooth, curved surfaces. All heated stainless steel troughs tested to United States, Canadian or European applicable standards.
 *See individual units for ratings.



About the Cover

Brenda's desire to be an artist began as a young girl. She pursued her dream and graduated from the Alberta College of Art in 1982. Although born and raised in the city, Brenda's heart has always been in the country where she chose to make her home. It is there she draws much of her energy and inspiration, transforming them into paintings or sketches filled with love, laughter and memories of days long since past. While her paintings invite us to relive these fond memories, we can also imagine ourselves in the midst of the heartwarming or humorous situations captured in her watercolours (where we may even get a glimpse of one of the notorious mice that are usually found hiding in her work). Brenda has also created numerous pencil drawings reproduced as limited edition prints. These drawings give hints of the country life of which she has grown so fond. Brenda's original works and limited editions can be found in collections throughout Canada, the United States and overseas.

10

Minimal energy costs

Designed with efficient energy use in mind, Ritchie fountains keep from freezing without much cost. The costs below represent an entire year's energy costs, **calculated at a rate of 8 cents per kilowatt hour**. They are derived from university and Ritchie testing and have been adjusted by the degree days for each area. This illustrates the impact that poly construction has on energy usage, as well as the effect covered troughs have on energy efficiency.

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The color arrangement on Ritchie fountains is a registered trademark of Ritchie Industries. U.S. patent numbers: 5174245, 4646687, 4739727. Register number 2,009,625.

Fountain	Estimated ANNUAL Energy Cost					
	Winnipeg, Manitoba	Fargo, North Dakota	Sioux Falls, South Dakota	Conrad, Iowa	St. Louis, Missouri	Oklahoma City, Oklahoma
Thrifty King HG4 w/immersion heater	\$5.46	\$5.04	\$4.73	\$4.36	\$2.70	\$2.11
EcoFount 2	\$24.28	\$22.40	\$21.03	\$19.40	\$12.02	\$9.39
Pork King 2 SS	\$47.17	\$43.53	\$40.85	\$37.69	\$23.34	\$18.24
3E Cattle Fountain	\$63.79	\$58.86	\$55.24	\$50.96	\$31.56	\$24.66
WaterMatic 150	\$29.96	\$27.64	\$25.95	\$23.94	\$14.83	\$11.58
WaterMatic 300	\$49.94	\$46.07	\$43.24	\$39.90	\$24.71	\$19.31
OmniFount 2	\$44.40	\$40.97	\$38.45	\$35.47	\$21.97	\$17.16
Omnifount 5	\$53.58	\$49.44	\$46.40	\$42.81	\$26.51	\$20.71
CT2-2000 w/immersion heater	\$14.65	\$13.52	\$12.68	\$11.70	\$7.25	\$5.66
WaterMaster 90 w/immersion heater	\$79.90	\$73.72	\$69.19	\$63.84	\$39.54	\$30.89
CattleMaster 840	\$170.78	\$157.58	\$147.89	\$136.45	\$84.51	\$66.02

CattleMaster

A Tough Generation

These fountains provide the best of both worlds. The casings are made from Ritchie's heavy-duty, impact resistant polyethylene construction. The roto-molded construction is heavily insulated for energy efficiency and employs UV inhibitors for extended life. They feature the same reliable heating features as previous models and have a refill rate of 20 gallons per minute at 50 psi.



- Install using the same concrete pad and drain-out configurations as the CattleMaster 48, 84 or 144
- New, easy access dome cover
- Unique patented water seal technology keeps cold air away from valve
- Electric heat standard; attached directly under the trough for maximum performance
- Cable heater provides extra valve and supply line protection
- Trough and hardware is 304 stainless steel for durability and long life
- Fully adjustable thermostat
- Meets Grade A dairy recommendations
- Constant flow optional
- Trough slopes toward drain for quick and easy cleaning



CattleMaster 480
18248

CattleMaster 840
18235

CattleMaster 1440
18252



Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Watts (Amps)	Trough Capacity (gal/liter)	Animal Capacity	
1440	18252	145.5/370	23.5/59.7	24/61	16/41	272/123	Std Electric or Constant Flow	1298W (10.9A@120V)	60/227	475 Beef 240 Dairy	CE
840	18235	86/218	23.5/59.7	24/61	16/41	130/64	Std Electric or Constant Flow	1048W (8.7A@120V)	35/133	300 Beef 150 Dairy	SR CE
480	18248	51/130	23.5/59.7	24/61	16/41	90/41	Std Electric or Constant Flow	548W (4.6A@120V)	20/76	200 Beef 100 Dairy	SR CE

WaterMaster



Superior construction for longer life

A popular choice in feedlots, pastures and dairies across North America, the WaterMaster series features a heavy-duty one piece polyethylene body that **holds up even under the weight of cattle.**

The trough slopes to a large drain and can be emptied, cleaned and refilled in a fraction of the time other fountains take to empty.

Requiring 75% less energy in the winter than concrete units, the WaterMaster won't pit or cause cleaning problems. The

WaterMaster is backed with Ritchie's 10 year limited warranty.



WaterMaster 1200
18053

WaterMaster 600
18171

WaterMaster 90
16467

WaterMaster 54
16542

WaterMaster Deep 54
18355

WaterMaster 96
18007



- Solid polyurethane foam insulation keeps water ice-free longer in winter, cooler in summer
- Easy access to all service areas
- Unique patented water seal keeps cold air away from valve
- Quick refill valve allows a lower storage volume for fresher water
- Built in anchor pockets and overflow
- Built for rugged feedlot, pasture and dairy conditions
- Meets Grade A dairy recommendations
- Constant flow available on all models
- Immersion heater and self regulating heat cable optional for freezing conditions

Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat (CF=Constant Flow)	Trough Capacity (gal/liter)	Animal Capacity
WM 1200	18053	144/366	24/61	28.5/72	24/61	250/113	CF Opt/Opt Immersion & Self Reg. Heat Cable	60/227	500 Beef/250 Dairy
WM 96	18007	96/244	33/84	28/71	22/56	200/91	CF Std/Opt Immersion & Self Reg. Heat Cable	75/284	300 Beef/150 Dairy
WM 90	16467	90/229	33/84	28/71	22/56	180/82	CF Std/Opt Immersion & Self Reg. Heat Cable	30/114	300 Beef/150 Dairy
WM 600	18171	72/183	24/61	28.5/72	24/61	140/64	CF Opt/Opt Immersion & Self Reg. Heat Cable	28/106	250 Beef/125 Dairy
WM 54	16542	54/137	33/84	28/71	22/56	125/57	CF Std/Opt Immersion & Self Reg. Heat Cable	18/68	200 Beef/100 Dairy
WM Deep 54	18355	54/137	33/84	28/71	22/56	125/57	CF Std/Opt Immersion & Self Reg. Heat Cable	54/204	200 Beef/100 Dairy

EcoFount



Our newest design, highly energy efficient

We have taken all of the best features of our classic waterers, combined them with customer, distributor and dealer input, and designed a premium line of automatic waterers—the EcoFount series. The EcoFount 1 and EcoFount 2 are the newest, most energy efficient, electric standard heated line of Ritchie automatic waterers. They will provide the same reliability during the most extreme winters as our OmniFount series. A new feature to Ritchie products is the flip top cover which provides ease in cleaning. The fully insulated casing will provide excellent protection against the coldest winters.

- *Designed with energy efficiency in mind. The stainless steel trough is surrounded by extremely durable and fully insulated poly.*
- *Patented plastic drink well helps insulate water and keep thermal cap in place*
- *Flip-top cover for easy cleaning*
- *Floating thermal caps and patented plastic drink wells minimize heat loss in winter, keeps water cool and reduces algae growth in summer*
- *Electric heat with adjustable disc thermostat*
- *Cable heater provides extra valve and supply line protection*
- *Trough is 304 stainless for guaranteed long life*



EcoFount 1
18430



EcoFount 2
18440



Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	ShippingWt (lbs/kg)	Heat	Watts (Amps)	Trough Capacity (gal/liter)	Animal Capacity	
EcoFount 2	18440	36/91	18.5/47	20/51	20/51	75/34	Std Electric	298W (2.5A@120V)	6.5/25	60 beef or horses	UL cUL CE
EcoFount 1	18430	22/56	18/46	20/51	20/51	41/19	Std Electric	173W (1.4A@120V)	3.5/13	30 beef or horses	UL cUL CE

OmniFount

Since 1921 Relax...
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The premier electrically heated fountain on the market

The best of both worlds, OmniFounts blend technology from both traditional stainless steel units and the newest poly units to provide premier livestock fountains.

The OmniFount's stainless steel trough features heat elements attached to the underside of the trough for frost free service under the most severe winter conditions. The trough carries a 10 year, 100% warranty against manufacturing defects or corrosion.

The body of the OmniFount is made from Ritchie's heavy-duty polyethylene construction. The fountain is insulated with highly energy efficient polyurethane foam, providing an R-factor of 7 per inch. In fact, it is so energy efficient, some power companies offer rebates on the purchase of this fountain. Like all the poly products, OmniFount's casing carries a 10 year limited warranty—100% for the first five years and prorated for the next five years against manufacturing defects.

- Easy to maintain
- Large access panel
- Heating elements directly under stainless steel trough for exceptional performance
- Cable heater provides extra valve and supply line protection
- 304 stainless steel trough for guaranteed long life
- Fast refill, reliable Ritchie valve
- Built in anchor pockets, mounts securely to concrete pad

NEW

Available February 2010

Omni 10
18460



10 YEAR
Limited Warranty

Omni 3
18270

Omni 5
16533

Omni 1
18359

Omni 2
16619

Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	ShippingWt (lbs/kg)	Heat	Watts (Amps)	Trough Capacity (gal/liter)	Animal Capacity	
Omni 10	18460	40.5/103	40.5/103	31.5/80	26/66	150/68	Std Electric	1048W (8.7A@120V)	28/106	275 Beef/135 Dairy	CE UL cUL
Omni 5	16533	40/102	23.5/60	33/84	26/66	89/41	Std Electric	548W (4.6A@120V)	16/61	150 Beef/75 Dairy	SF CE UL cUL
Omni 3	18270	31.5/80	22/56	33/84	26/66	75/34	Std Electric	548W (4.6A@120V)	10/38	100 Beef/50 Dairy	CE UL cUL
Omni 2	16619	28.3/72	14.5/37	25/64	18/46	45/20	Std Electric	298W (2.5A@120V)	2.2/8	40 Horses or Beef	SF CE UL cUL
Omni 1	18359	20/51	14.5/37	25/64	18/46	39/17	Std Electric	173W (1.4A@120V)	1.5/6	20 Horses or Beef	SF CE UL cUL

WaterMatic



Top to bottom, the best on the market

The WaterMatic series features the top value and best performance with the easiest operation and maintenance. WaterMatics include Ritchie's drop-in cover design, with the ease of finger lift service and the airtight patented water seal.

All surfaces slope to the drains for easy clean out. Drain plugs may be moved to valve chamber openings for short-term shut off during cleaning, when the pen is empty, during excessively cold nights or when you don't want your animals drinking.

The rugged, impact resistant, one-piece polyethylene construction provides superior insulation and is safe for animals. All edges and corners are smooth and rounded, so animals cannot hurt themselves.

The WaterMatic 100 and 150 are built for horses and small operations and can be used in individual stalls or pens. The 150, 150S and 300 are ideal for fence line application with two troughs. The WaterMatic 150S was designed specifically for goats and sheep. The 150S features a lower drinking height and a uniquely domed valve cover to keep goats from climbing and standing on the fountain.



- No gaskets to crack, tear or leak
- Ritchie's proven valve for quick refill
- One piece rugged fountain body
- Generous side access panel

- Polyurethane insulation sealed inside polyethylene parts
- Anchor holes accommodate drills
- Immersion heater and self regulating heat cable optional for freezing conditions



The 1000 features a center valve chamber and a single continuous trough so animals can drink all around its 13 foot perimeter.

Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Trough Capacity (gal/liter)	Animal Capacity
1000	18110	42/107	42/107	32/81	26/66	120/54	Opt Immersion & Self Reg. Heat Cable	22/83	275 Beef/135 Dairy
300	18050	36/91	21.5/55	31/79	26/66	69/31	Opt Immersion & Self Reg. Heat Cable	8.2/31	125 Beef/60 Dairy
150S	18222	33.5/85	14/36	22.5/57	13/33	39/18	Opt Immersion & Self Reg. Heat Cable	4.2/16	100 Sheep/100 Goats
150	18166	33.5/85	14/36	23.5/60	18/46	47/21	Opt Immersion & Self Reg. Heat Cable	4.2/16	40 Beef/40 Horses
100	18165	24.5/62	14/36	23.5/60	18/46	36/16	Opt Immersion & Self Reg. Heat Cable	2.8/11	20 Beef/20 Horses



All poly units are also available in green.

Thrifty King

Since 1921 Relax...
Ritchie[®]
 waters 'em right[®]



Our top energy efficient performer

The Thrifty King's superior insulation makes additional heat unnecessary in most cases*. The Thrifty King is the most energy efficient fountain on the market. The water is completely surrounded by fully insulated polyethylene plastic. The insulated closures keep water cooler in the summer. In addition, covered water protects against mosquitoes breeding and lowers the risk of spreading West Nile Virus.

Thrifty King CT4-2000
16430

- Elliptical closures tip easily so animals can drink without resistance, unlike round balls which take a great deal of pressure
- Easy access for easy maintenance
- Unique patented water seal keeps cold air away from valve
- Finger lift service cover; no tools, springs or clips (CT1, CT2 and CT4)
- Solid foam insulation completely sealed in impact resistant polyethylene
- Covers water so mosquitoes don't have a place to breed
- Optional electric heat, immersion heater and self regulating heat cable

***Requirements for energy free usage with the Thrifty King**

- There must be at least 10 animals that have the Thrifty King fountain as their only source of water.
- There must be a good seal against wind between the concrete platform and base of the unit.
- The water seal grooves between the base and top of the unit and between the top of the unit and the valve cover must be filled with liquid.
- The supply water temperature must be at least 42°F. (This may be an issue for rural or municipal water supplies.)
- Ritchie Thermal Tubes recommended

Thrifty King CT6
16440



Thrifty King CT2-2000
16299

Thrifty King CT1-2000
16271



The summer cover comes standard with the Thrifty King CT6 and is available for the CT4-2000.

Ritchie closures are elliptically shaped. The animal only needs to apply 1/2 pound of pressure, tipping the closure to access water. Competitors' round balls take 5 pounds of pressure for the animal to drink.



Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Trough Capacity (gal/liter)	Animal Capacity
CT6	16440	72.5/184	39/99	25/64	19/48	210/95	Opt Immersion & Self Reg. Heat Cable	55/208	300 Beef
CT4-2000	16430	42.8/109	35/89	25/64	19/48	152/69	Opt Immersion & Self Reg. Heat Cable	45.5/172	200 Beef
CT2-2000	16299	42.8/109	24/61	25/64	19/48	90/41	Opt Immersion & Self Reg. Heat Cable	28/106	100 Beef
CT1-2000	16271	28/71	20.3/51	25/64	19/48	53/24	Opt Immersion & Self Reg. Heat Cable	11.2/42	30 Beef

Stall Fount Series

Since 1921 Relax...
Ritchie[®]
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No more buckets

Stop carrying buckets of water to your horses. The wall mounted standard Stall Fount delivers fresh, clean water to your horse using Ritchie's time proven valve for rapid refill. If freeze protection is needed, choose the Stall Fount 125, which adds a 125 watt trough heater, supply line heat cable and insulated shroud set to protect the fountain and supply line from freezing. The supply line shroud set can be added to the standard Stall Fount to cover water supply lines.



Stall Fount 125
18082



Stall Fount
16871



- Unit is 304 stainless steel for long life
- Stall Fount features smooth, rounded edges for the horse's safety
- Easy to keep clean—water cleans trough surface as it swirls out

"I chose Ritchie for the quality, craftsmanship and durable construction. The waterers can't hurt my horses and my horses can't hurt them. I have installed Ritchie fountains throughout my facility because I know I can count on them day in and day out."

—Clinton Anderson
 Downunder Horsemanship

Ritchie is an official sponsor of
 Clinton Anderson
 Downunder Horsemanship



Ritchie is an official sponsor of
 The Horse Show with
 Rick Lamb on RFD TV.



Ritchie is an official
 sponsor of Ken McNabb



Model	Part #	Length (in/cm)	Width (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Watts (Amps)	Trough Capacity (gal/liter)
Stall Fount 125	18082	14/36	13/33	Adjustable	31/14	Std Electric	173W (1.4A@120V)	1.9/7
Stall Fount	16871	14/36	13/33	Adjustable	13/6	NA	NA	1.9/7
Shroud Set*	18092	19.4/49 each 2 sections	7/18	Up to 4'	16/7	NA	NA	NA

*Shroud Set includes two sections of shroud and is standard on Stall Fount 125

Contact your Ritchie Equine Specialist at 866-534-7492 or e-mail: equineinfo@ritchiefount.com

3, 5 & Combination Fountains



Heavy-duty construction

Ritchie Cattle Fountains and Combination Fountain feature full throated valves to keep fresh and clean water flowing when demand is at its heaviest.



- Heavy-duty steel construction with powder coated finish
- Trough and frame are 304 stainless for durability and long life
- Electric heat with adjustable thermostat (gas heat optional)
- Cable heater provides extra valve and supply line protection
- Electric heating elements attached directly under trough for efficiency
- Stainless steel anchor angles
- Separate valve for each trough (Combination Fountain only)



3 Cattle Fountain
16743

5 Cattle Fountain
16745

3 Combination 16769

If you're looking for an efficient way to water animals of different sizes, try the Combination Fountain. Large animals drink from the top while small animals drink from the side.



Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Watts (Amps)	Trough Capacity (gal/liter)	Animal Capacity
5 Cattle Fountain	16745	38.4/98	20.1/51	30/76	26/66	101/46	Std Electric or Opt Gas	548W (4.6A@120V)	16/61	150 Beef/75 Dairy
3 Cattle Fountain	16743	29.6/75	18/46	30/76	26/66	82/37	Std Electric or Opt Gas	548W (4.6A@120V)	10/38	100 Beef/50 Dairy
3 Combination	16769	29.6/75	18/46	30/76	26/66	100/45	Std Electric or Opt Gas	798W (6.7A@120V)	10/38 5.6/21	100 Beef/80 Hogs

AC Series



All-purpose fountains

Ideal for a limited number of cattle, calves, horses, sheep, goats and exotics in small pens inside and out. The 1AC is a single lot design, while the 2AC works for box stalls, small lots and fence lines. The 2AC Special offers the same features at a shorter height. Not recommended for use with swine.

- Heavy-duty steel construction
- Powder coat finish
- Trough is 304 stainless for long life
- Electric heat



1AC
18034

2AC Special
18043



2AC
18033

Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Watts (Amps)	Trough Capacity (gal/liter)	Animal Capacity
2AC	18033	25.9/66	11.4/29	21.5/55	17.8/45	38/17	Std Electric	298W (2.5A@120V)	2.2/8	40 Beef 80 Calves
1AC	18034	17.6/45	11.4/29	21.5/55	17.8/45	28/13	Std Electric	298W (2.5A@120V)	1.5/6	20 Beef 40 Calves
2AC Special	18043	25.9/66	11.4/29	14.5/37	10.8/27	30/14	Std Electric	298W (2.5A@120V)	2.2/8	40 Beef 80 Calves

Thrifty King for Swine

Since 1921 Relax...
Ritchie
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Energy efficient for swine

Same rugged construction as our Pork King, but with the energy efficiency of plastic. **Not recommended for use with sows.**

- Large drink opening and low drinking height for easy use by hogs of all sizes
- Solid foam insulation completely sealed in impact resistant polyethylene
- Stainless steel bite and wear guards
- Large access to inside valve compartment
- Optional electric immersion heater
- See energy free information on page 9

Thrifty King HG4
16260



Thrifty King HG2
16259

Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Trough Capacity (gal/liter)	Animal Capacity
HG4	16260	31.3/80	31.3/80	16/41	8/20	70/32	Optional Immersion Heater	5.2/20	160 Hogs
HG2	16259	31.3/80	20/51	16/41	8/20	50/23	Optional Immersion Heater	2/8	80 Hogs

Pork King

Made to stand up to your hogs

The Ritchie Pork King is designed to take the bumping and shoving of a whole pen of hogs. Built entirely of 304 stainless steel for maximum durability, the Pork King fountains are equipped with electric heat and the industry's most reliable valve.

- Insulated all over for heat retention
- Umbrella style lift out cover makes service access easy and keeps out foreign material
- Fully welded casing construction
- Heavy lids take out the abuse of banging

Pork King 1
16456



Pork King 4
16459

Pork King 2-1
16458

Pork King 2
16457

Model	Part #	Length (in/cm)	Width (in/cm)	Overall Ht (in/cm)	Drinking Ht (in/cm)	Shipping Wt (lbs/kg)	Heat	Watts (Amps)	Trough Capacity (gal/liter)	Animal Capacity
Pork King 4	16459	31.5/80	23.3/59	12.5/32	7/18	63/29	Std Electric	548W (4.6A@120V)	3.5/13	160 Hogs
Pork King 2-1	16458	23.2/59	23.3/59	12.5/32	7/18	50/23	Std Electric	298W (2.5A@120V)	2/8	80 Hogs
Pork King 2	16457	31.5/80	13/33	12.5/32	7/18	42/19	Std Electric	298W (2.5A@120V)	2/8	80 Hogs
Pork King 1	16456	23.2/59	13/33	12.5/32	7/18	30/14	Std Electric	298W (2.5A@120V)	1.2/5	40 Hogs

Fountain Parts/Accessories



Thermal Tubes

Part #16612 - 4', Part #16417 - 2',
Part #16416 - 2' extension, Part #18158 - 1'

- Permanently protects vertical water supply line from freezing
- Two inches of permanent insulation all around (12" outside diameter, 8" inside)
- Tested at Iowa State University



Immersion Heater

Part #16311 (120V - 250 watt)
Part #17960 (240V - 250 watt)
Part #17961 Euro Plug (240V - 250 watt)

- Includes built-in thermostat
- For use in all poly units
- Teflon coating



Jet-Flow Tank Valve Part #12500

- Non-siphoning valve excellent for smaller stock tanks
- Minimal maintenance required
- 3-3.5 GPM @ 40-60 psi



Self-Regulating Heat Cable

Part #16276 (120V - 30 watt), Part #16713 (240V - 30 watt)

- Built-in thermostat reduces heat as the temperature rises but never shuts off completely.
- For use in all poly units on supply line and valve



Stock Tank Valve Part #18141

- Rapid refill rates:
12 GPM @ 20 psi, 17 GPM @ 40 psi, 22 GPM @ 60 psi
- Automatically maintains stock tank water level
- High density impact resistant plastic construction
- Smooth rounded surfaces for animal safety



3/4" Valve Series

Valve Color	*Part Number	GPM	Pressure
White	16697	33	Low, 5-40 psi
Red	11101	20	Medium, 40-60 psi
Green	15377	16.5	High, 60-80 psi
Blue	18197	5	Very High, 80-100 psi



Gas Burner Part #15424

- Use in 3 and 5 Cattle Fountains, Combination Fountain where electricity is unavailable
- Unit must have vented gas access panels (sold separately)



1/2" Valve Series

Valve Color	*Part Number	GPM	Pressure
White	12574	4.8	Low, 5-40 psi
Red	12575	3.4	Medium, 40-60 psi
Green	13597	1.45	High, Over 60 psi

*Part numbers are for valve assembly only, float sold separately.



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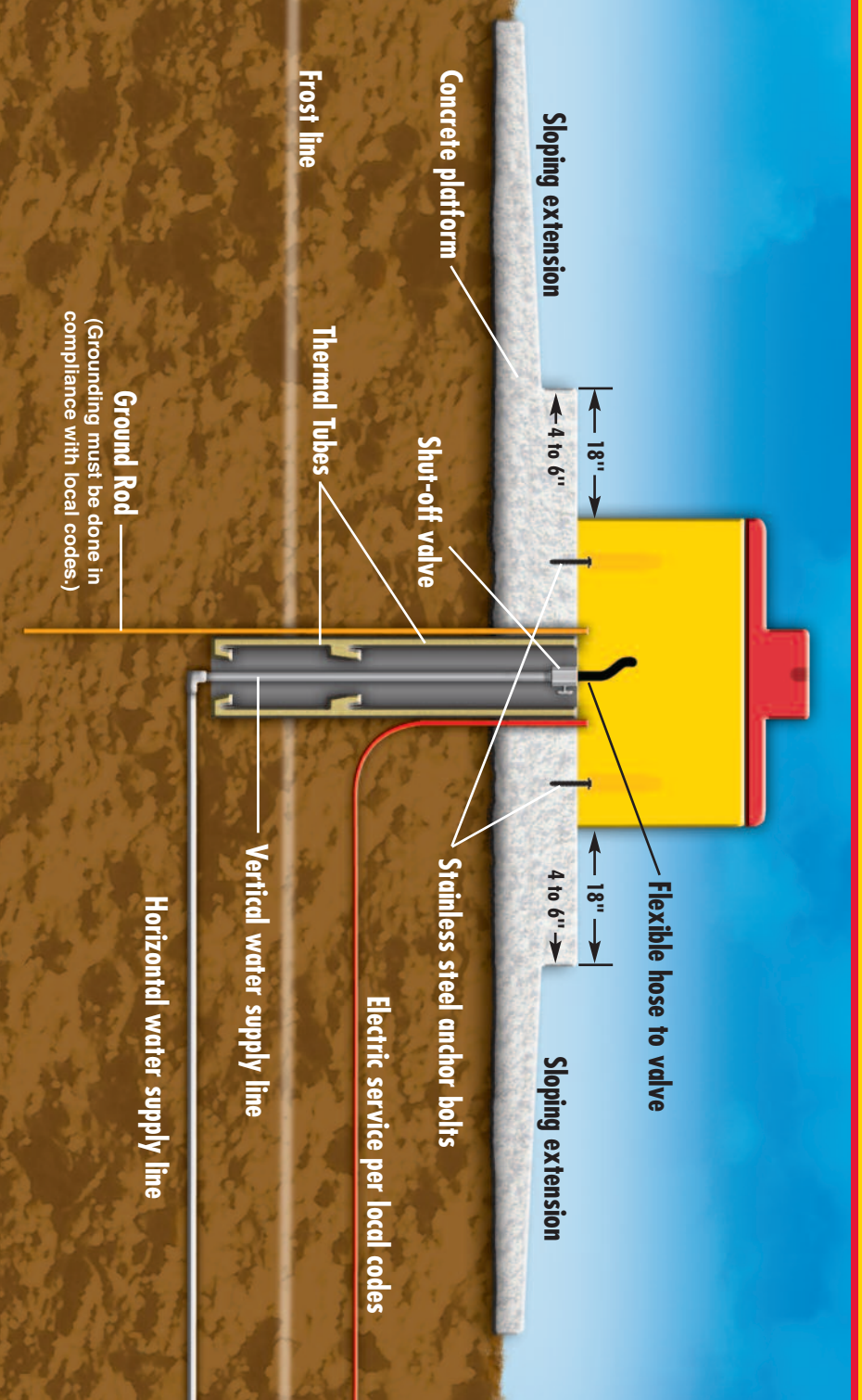
Ritchie 120V Specifications



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MODEL	PART #	LENGTH (in/cm)	WIDTH (in/cm)	OVERALL HEIGHT (in/cm)	DRINKING HEIGHT (in/cm)	SHIPPING WEIGHT (lbs/kg)	HEAT (CF=Constant Flow)	CAPACITY (gal/liter)	ANIMAL CAPACITY
WaterMaster									
WM 1200	18053	144/366	24/61	28.5/72	24/61	250/113	CF Opt/Opt Imm & Self Reg Heat Cbl	60/227	500 beef, 250 dairy
WM 96	18007	96/244	33/84	28/71	22/56	200/91	CF Std/Opt Imm & Self Reg Heat Cbl	75/284	300 beef, 150 dairy
WM 90	16467	90/229	33/84	28/71	22/56	180/82	CF Std/Opt Imm & Self Reg Heat Cbl	30/114	300 beef, 150 dairy
WM 600	18171	72/183	24/61	28.5/72	24/61	140/64	CF Opt/Opt Imm & Self Reg Heat Cbl	28/106	250 beef, 125 dairy
WM 54	16542	54/137	33/84	28/71	22/56	125/57	CF Std/Opt Imm & Self Reg Heat Cbl	18/68	200 beef, 100 dairy
WM Deep 54	18355	54/137	33/84	28/71	22/56	125/57	CF Std/Opt Imm & Self Reg Heat Cbl	54/204	200 beef, 100 dairy
WaterMatic									
1000	18110	42/107	42/107	32/81	26/66	120/54	Opt Imm & Self Reg Heat Cbl	22/83	275 beef, 135 dairy
300	18050	36/91	21.5/55	31/79	26/66	69/31	Opt Imm & Self Reg Heat Cbl	8.2/31	125 beef, 60 dairy
150S	18222	33.5/85	14/36	22.5/57	13/33	39/18	Opt Imm & Self Reg Heat Cbl	4.2/16	100 sheep, 100 goats
150	18166	33.5/85	14/36	23.5/60	18/46	47/21	Opt Imm & Self Reg Heat Cbl	4.2/16	40 beef, 40 horses
100	18165	24.5/62	14/36	23.5/60	18/46	36/16	Opt Imm & Self Reg Heat Cbl	2.8/11	20 beef, 20 horses
Thrifty King									
CT6	16440	72.5/184	39/99	25/64	19/48	210/95	Opt Imm & Self Reg Heat Cbl	55/208	300 beef
CT4-2000	16430	42.8/109	35/89	25/64	19/48	152/69	Opt Imm & Self Reg Heat Cbl	45.5/172	200 beef
CT2-2000	16299	42.8/109	24/61	25/64	19/48	90/41	Opt Imm & Self Reg Heat Cbl	28/106	100 beef
CT1-2000	16271	28/71	20.3/51	25/64	19/48	53/24	Opt Imm & Self Reg Heat Cbl	11.2/42	30 beef
OmniFount									
Omni 10	18460	40.5/103	40.5/103	31.5/80	26/66	150/68	1048W (8.7A@120V)	28/106	275 beef, 135 dairy
Omni 5	16533	40/102	23.5/60	33/84	26/66	89/41	548W (4.6A@120V)	16/61	150 beef, 75 dairy
Omni 3	18270	31.5/80	22/56	33/84	26/66	75/34	548W (4.6A@120V)	10/38	100 beef, 50 dairy
Omni 2	16619	28.3/72	14.5/37	25/64	18/46	45/20	298W (2.5A@120V)	2.2/8	40 beef, 40 horses
Omni 1	18359	20/51	14.5/37	25/64	18/46	39/17	173W (1.4A@120V)	1.5/6	20 beef, 40 calves
CattleMaster									
CM 1440	18252	145.5/369.6	23.5/59.7	24/61	16/41	272/123	1298W (10.9A@120V)/CF	60/227	475 beef, 240 dairy
CM 840	18235	86/218.4	23.5/59.7	24/61	16/41	130/64	1048W (8.7A@120V)/CF	35/133	300 beef, 150 dairy
CM 480	18248	51/129.5	23.5/59.7	24/61	16/41	90/41	548W (4.6A@120V)/CF	20/76	200 beef, 100 dairy
Cattle Fountain									
5	16745	38.4/98	20.1/51	30/76	26/66	101/46	548W (4.6A@120V)/Opt Gas	16/61	150 beef, 75 dairy
3	16743	29.6/75	18/46	30/76	26/66	82/37	548W (4.6A@120V)/Opt Gas	10/38	100 beef, 50 dairy
Combination Fountain									
3 Combination	16769	29.6/75	18/46	30/76	26/66	100/45	798W (6.7A@120V)/Opt Gas	10/38	100 beef, 80 hogs
AC Series									
2AC	18033	25.9/66	11.4/29	21.5/55	17.8/45	38/17	298W (2.5A@120V)	2.2/8	40 beef, 80 calves
1AC	18034	17.6/45	11.4/29	21.5/55	17.8/45	28/13	298W (2.5A@120V)	1.5/6	20 beef, 40 calves
2AC Special	18043	25.9/66	11.4/29	14.5/37	10.8/27	30/14	298W (2.5A@120V)	2.2/8	40 beef, 80 calves
EcoFount									
EcoFount 1	18430	22/56	18/46	20/51	20/51	41/19	Standard Electric 173W (1.4A@120V)	3.5/13	30 beef or horses
EcoFount 2	18440	36/91	18.5/47	20/51	20/51	75/34	Standard Electric 298W (2.5A@120V)	6.5/25	60 beef or horses
Stall Fount									
Stall Fount 125	18082	14/36	13/33	Adjustable	Adjustable	31/14	173W (1.4A@120V)	1.9/7	single stall
Stall Fount	16871	14/36	13/33	Adjustable	Adjustable	13/6	NA	1.9/7	single stall
Shroud Set	18092	19.4/49 each (2 sections)	7/18	Up to 4'	Up to 4'	16/7	NA	NA	NA
Pork King									
PK 4	16459	31.5/80	23.3/59	12.5/32	7/18	63/29	548W (4.6A@120V)	3.5/13	160 hogs
PK 2-1	16458	23.2/59	23.3/59	12.5/32	7/18	50/23	298W (2.5A@120V)	2/8	80 hogs
PK 2	16457	31.5/80	13/33	12.5/32	7/18	42/19	298W (2.5A@120V)	2/8	80 hogs
PK 1	16456	23.2/59	13/33	12.5/32	7/18	30/14	298W (2.5A@120V)	1.2/5	40 hogs
Thrifty King for Swine									
HG 4	16260	31.3/80	31.3/80	16/41	8/20	70/32	Opt Immersion	5.2/20	160 hogs
HG 2	16259	31.3/80	20/51	16/41	8/20	50/23	Opt Immersion	2/8	80 hogs

Installation Considerations



■ Water Supply Line

A minimum 3/4" diameter horizontal and vertical water supply line is necessary; a 1" diameter line is recommended. Bury the horizontal water supply line 1' below the normal frost line depth. A shut-off valve may be installed under the fountain for easier servicing.

■ Ritchie Thermal Tubes

For optimum water supply line protection, use Ritchie Thermal Tubes. The tubes are available in 3 lengths and have the most favorable diameters to maintain temperature in the water line. Center the vertical water supply line in the tubes. Do not add insulation inside the tubes as it provides a path for frost. The tubes should reach at least 1' below the normal frost line.

■ Electrical Connection

Electrical installation should be completed and maintained by a qualified electrician according to local codes.

■ Concrete Platform

Pour a concrete mounting platform that provides a 4-6" thick step around the perimeter of the unit. An additional concrete extension sloping away from the unit may be poured for improved footing and to aid in proper drainage. The platform should be level for the best operation of the fountain.

■ Anchor Locations

Fasten fountain to the concrete mounting platform with stainless steel anchor bolts using all anchor locations provided on the fountain. Use the actual fountain being installed as the template for anchor bolt location.

■ Optional Repair Conduit

As a precautionary measure to aid in the event water supply line repair work is needed, the horizontal water supply line can be ran through a section of PVC pipe as a conduit that extends horizontally beyond the concrete pad.

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I have to write and tell you how happy I am with your Omni Fount 2 water fountain. I had it installed last October and it has been the best investment I have made in a long time. We poured a 7' square slab 6" thick and used 6' thermal tube. Last year I used (2) 100 gallon water tanks with a 1500w heater in each and my electric bill went up 200.00 a month during the winter months. I also had to deal with water hose to fill the second tank and draining it to keep it from freezing, sometimes I had to haul water in 5 gal pails to fill second tank. Needless to say this was miserable and cold and wet. Last year I paid 300.00 + electric bills all winter, this year I have 125.00 bills which is about 25.00 more than usual. Some of that increase is from engine heaters and heat tape that are necessary in Wisconsin in the winter.

I was up and checking the waterer every morning especially when we had -13 degrees F a couple of mornings. It has been amazing and Me and my horses love it! I placed it in a fence and built wood fence on both sides and over the top and it serves both pastures with 3 horses on each side. I couldn't be more pleased with your product! I chose yours over others because of the stainless steel pan and the heat setup for winter. I definitely made the right choice! I have and will continue to recommend your system to my horse friends that are looking for a trouble free well designed water fountain.

Thanks!!! Larry (Wisconsin)

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