



*Because the health of your animals
should never be compromised.*

A Division Of

BAKKO
Industries, Inc.
28958 198th Avenue
Glenwood, MN 56334

800-584-6675 (toll-free)
320-278-3561 (fax)
www.bakkoindustries.com



Since 1984

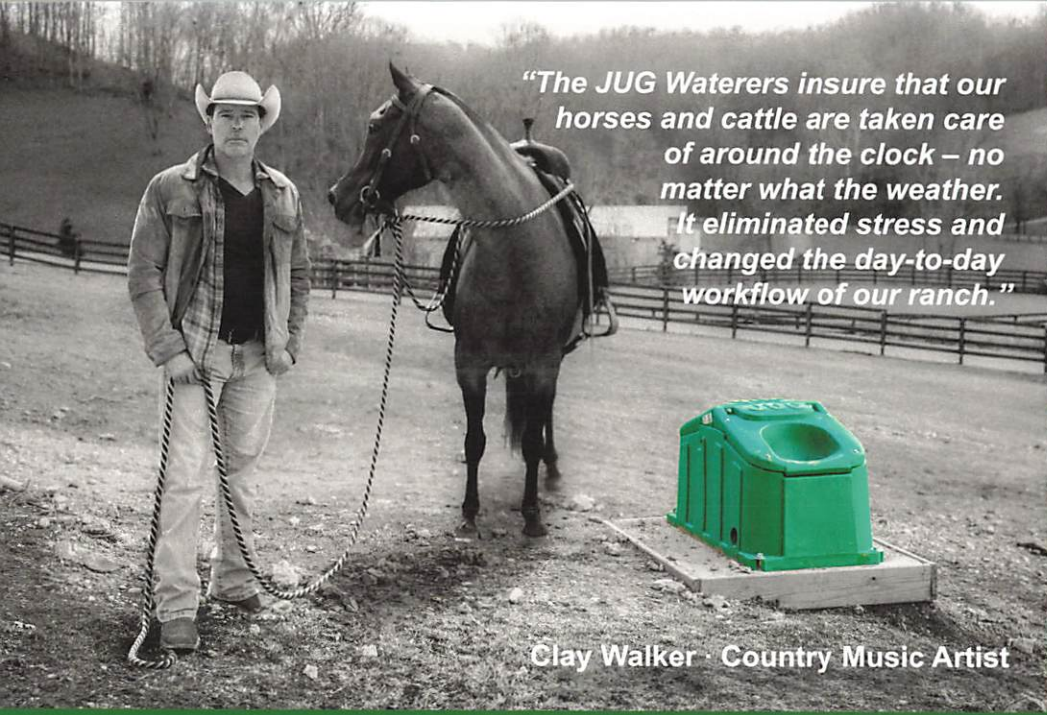


**Clean Fresh
Water, Always!**



**Drinking Systems for
Equine, Livestock
and Game**





"The JUG Waterers insure that our horses and cattle are taken care of around the clock – no matter what the weather. It eliminated stress and changed the day-to-day workflow of our ranch."

Clay Walker · Country Music Artist

"The JUG is the cleanest waterer we have in our dairy. We have had JUG fountains installed over the past 20 years with little or no maintenance. We continue to replace our other units with JUG fountains."

- Paul Guise & Bob Smith · Buttonwood Farms · York Springs, PA

"We have been using JUG Waterers for 10 years with 100 head of horses, and now 1,000+ Whitetails. The JUG is very cost efficient, and easy to maintain. The deer transition to the JUG easily."

- Chad De Bauch · Apple Creek Whitetails · Gillett, WI

"This product is one of the few that hasn't given me problems throughout my years of raising cattle. It was a wise decision when we purchased the JUGs over 20 years ago."

- LaRene Dvorsky · Iowa City, IA

"From the 'Show Girls' to the 'Kids', every goat enjoys the cool, clean water these systems produce. We researched many of the systems on the market and purchased two to compare. The JUG not only met every promise/expectation but is extremely easy to maintain and by far has the best water quality, day after day."

- Mark & Debbie Anderson · F&H Ranch · Lebanon, TN

"We replaced four stock tanks that used 1500 watt heaters with JUG Waterers. Our electric expenses went down \$300-\$500 per month because of the JUG Waterers."

- Happy Farmer · Lehigh Valley, PA

Tanner Aus



We are also proud to have the support of Tanner Aus, professional bareback riding rodeo champion. Tanner ranks in the Top 10 in the world for bareback riding and hails from Granite Falls, Minnesota.

We are also proud to support, and grateful for the support from these important professional organizations:



Exclusive Solar Energy Option

JUG Waterers are the only drinking systems in the industry to offer a solar energy option. Our exclusive partnership with Real Goods Solar provides you with an alternative energy solution when electrical is not available or desired. For more information or to find the right panel and controller for your waterer(s), feel free to contact us at 800-584-6675 or Real Goods directly at 707-472-2407.



Support & Sponsors

Double Dan Horsemanship



We are grateful for the endorsement and proud to support Double Dan Horsemanship (DDH).

DDH was founded in 2009 by Dan James and Dan Steers in North Arm Cove, New South Wales, Australia.

In 2012, Dan James moved to the

USA with two of his horses and toured the country full time providing education and equine entertainment. Today, DDH USA is headquartered in Lexington, KY and has grown to include eight performance horses. Dan and his wife, Elizabeth, own and manage The Australian Equine Performance Center.

Dan Steers and his wife, Pia, continue to live in Australia managing the Australian branch of DDH.

Tootie Bland, Former Owner/Producer of *Road To The Horse*



"The ultimate care is paramount for my horses, and time management is essential to my busy lifestyle. For the first time in my life, I have peace of mind that my horses – no matter where I am, what time of year it is, or how late I get in or early I leave – have the best care because JUG Waterers are in the barn."

We are proud to have the support of Tootie Bland, and honored to help support *Road to the Horse*, an event dedicated to making a better world for horses. From its modest and humble beginnings at the Fort Worth Stockyards in 2003, *Road to the Horse* has developed into a worldwide phenomenon, inspiring fans from around the world to develop a deeper understanding of the horse.



"Pure water is the world's first and foremost medicine."

Proverb

Drinking Systems for Equine, Livestock and Game

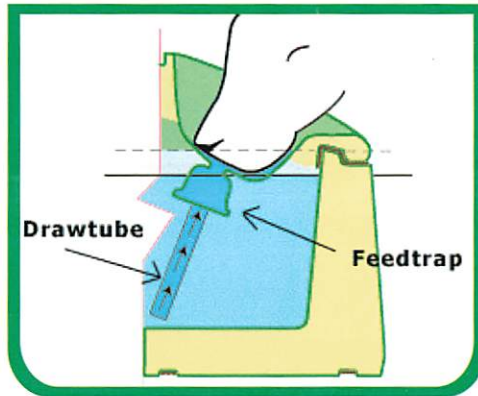


Your animals' health is our first priority! It's why our *JUG Waterers* are designed with natural feed-removal and light-blocking technology — to keep the water they drink free from algae and bacteria. And our energy-efficient design ensures the fresh water they drink will remain at a constant temperature, summer and winter.

How The JUG Works

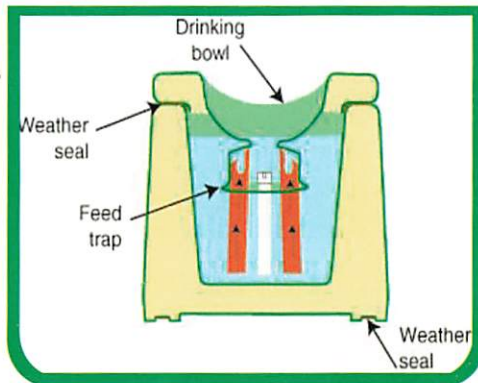
Natural Drinking Method

Thanks to the **open bowl design** and unique **draw tube water supply system**, animals can see and smell clean, fresh water. No learning how to lift flaps or push balls or floats out of the way to get a drink. An animal simply places its mouth in the open pool of water in the drinking bowl and sucks up the water just as it would from a natural water hole.



Designed For Clean Water

The JUG Waterer features a **weather-sealed water reservoir** which blocks out sunlight. This virtually eliminates algae growth in the tank. Water is fed to the open drinking bowl through the draw tubes. These tubes are attached to the drinking bowl with a **feed trap** which keeps feed debris from the animal's mouth out of the reservoir — thus reducing any bacteria growth.



As an animal drinks from the JUG, a suction/swirling action is created in the feed trap area. This action causes feed from the face of the animal to be reconsumed as the animal drinks. And because water is "turned over" whenever an animal drinks, there's always clean, fresh water in the bowl.

*Even though the design of our units keeps the water free from feed or hay, most water contains iron bacteria which will leave a residue in the tank over time. The **external drain plug** will allow you to easily drain water from the tank periodically. Once the unit is full again, an **internal, pilot-operated float valve** (which is adjustable from outside of the JUG), automatically keeps the water in the bowl at the determined level.*

Our Guarantee



JUG Waterers are backed by the strongest warranty in the industry, along with highest possible level of customer service. Due to the minimal maintenance features of the JUG, warranty needs are typically uncommon. However, should an issue ever arise, we offer the following against manufacturer defects:

- **2 Year Full Warranty on Float Valve Parts and Electrical Components**
- **15 Year Prorated Warranty on Bases and Lids**
- In addition, we offer a **60 Day Satisfaction Guarantee**. If you're not satisfied with the quality of our product or the water it provides, we will gladly buy it back from you within 60 days of purchase.



This warranty does not apply if the waterer was not used according to the recommendations stated in the owner/operator manual that is provided with each waterer. All freight charges are the responsibility of the customer. If upon inspection by the manufacturer, the part is determined to be defective, it will be repaired or replaced. This warranty supersedes any other warranty, expressed, or implied. The limit of liability to the manufacturer shall be the purchase price only, and does not apply to any losses, injuries, or damages resulting from the use of this product. The buyer and all users are deemed to have accepted the terms of this warranty, which may not be varied by any verbal or written agreement.

Stall Waterer

The same clean, fresh water technology of the stand-alone models are also offered in this stall version. Available in both wall and corner mount, the Stall Waterer features **strong polyethylene construction** with an 18 gauge **stainless steel bite guard** (which prevents damage from cribbing). With its **2 gallon reservoir** and quick recovery **float valve**, the Stall Waterer offers plenty of water capacity for your animals, large or small.

For colder climates (or if you have a cold barn), we offer a low 30-watt, thermostatically controlled heated version for the assurance of **frost-free water**. And our **insulated riser tube** protects the water supply line from the cold. For warmer climates (or if you have a heated barn), our Energy Free version is the model of choice.



Wall Mount Version
(Model #303 FB)



Corner Mount Version
(Model #303 CM)



Thermal Energy For Efficiency

The JUG Waterer relies primarily on thermal energy (not electrical) to help regulate a constant water temperature. This means **warmer water in the winter** and **cooler water in the summer** for your animals to drink. This is accomplished through the following design features:

- **Draw Tube Water Supply System:** There are actually three draw tubes in the unit — two copper and one CPVC. As the water gets cold in the bowl, it becomes heavier and sinks down the CPVC tube, forcing warm water from the tank up the copper tubes and into the feed trap area and bowl. Since copper is an excellent heat conductor, heat is transferred during this water replenishment process, keeping the water in the bowl from freezing.
- **JUG Earth Tubes:** Stand-alone units are often installed with insulated and uninsulated earth tubes. These create a heat well which supplies additional heat from the ground. The insulated tube extends below the frost line, minimizing heat escape to the frozen ground in winter. When heat from the warm ground flows through the uninsulated earth tube into the heat well, it is used as additional energy to keep the water in the JUG fluid.



The JUG Waterer Saves You Money On Utility Costs!

In marginal climates, you need enough animals drinking to keep the water in the tank warm enough to provide heat energy (at least 15 head per bowl). Otherwise, a low wattage heater and thermostat are recommended.

In 2021, a research study* performed and published in the **Iowa State University Animal Industry Report** concluded that JUG Waterer units with heat output (thermostat) control reduced the energy usage **by 85%** over a competitor's waterers without thermostats or earth tubes. The JUG Waterer units cost only **\$0.11 per day** to operate. **The utility cost savings was over \$110 during the study period.**



* The study was conducted at Iowa State University Beef Nutrition Farm in Ames, IA from October 23 thru December 14, 2020.

Stand-Alone Waterers

Water is the most vital nutrient an animal — or any living creature — can have. And even though you provide access to water for your animals, it does not necessarily mean they are properly hydrated. The quality of their water can deter them from drinking, thus limiting their needed daily intake for digestion, energy and overall health.

The exterior design of the Stand-Alone Waterer, coupled with our patented clean water technology inside, promotes a natural drinking experience your animals will enjoy. The **durable rotomolded polyurethane construction** makes it tough on the outside, while **weather-sealing** keeps the inside free of dirt and debris. The **open bowl design** makes it easy for animals to drink. All three models are equipped with an **anti-siphoning float valve** to prevent back siphoning into your water supply. An exterior **inspection plate** can be easily removed for examination and service to the float valve. An **external adjustment screw** (to minimize the amount of water exposed to the weather) and **drain plug** are included for hassle-free maintenance.

Available in single bowl, double bowl, and four bowl models.

Specifications

Model	Single Bowl	Double Bowl	Four Bowl
Dimensions	L25" x W20" x H24"	L41" x W20" x H22 1/2"	L39" x W37" x H22"
Energy Free	Model #101 EF	Model #202 EF	Model #404 EF
Energy Efficient (with Heater & Thermostat)	Model #101 WH	Model #202 WH	Model #404 WH
Tank Capacity	7 Gallons	14 Gallons	45 Gallons
Animal Capacity			
Dairy	25 Head	50 Head	125 Head
Beef	50 Head	100 Head	250 Head
Sheep	75 Head	150 Head	300 Head
Weight	53 lbs.	76 lbs.	105 lbs.



**Single Bowl
(Model #101)**



**Double Bowl
(Model #202)**



Four Bowl (Model #404)