

KENDU *Zero Spill*

PATENT PENDING

The only waterbowl that will **eliminate** spills from splashing and lapping.



Features:

- 12 inch deep heavy duty rubber bucket with high flow tube valve
- water depth maintained at 2 inches is contained by 10 inches of the rubber bucket; compared to 1 inch with conventional bowls
- rubber bucket flexes towards the animal to allow easy drinking even in tight locations

Usage:

- prevents wet feed or bedding in tie stalls or pens

Benefits:

- reduces feed and bedding waste
- reduces labour; cleaning up wet feed and bedding
- keeps feed palatable; which increases dry matter intake
- reduces health problems caused by wet stalls: mastitis, foot rot

Specifications:

- stainless steel supports with 1/2 inch waterline hookup from above
- mounts on tie stall posts up to 3 inches or on pen walls

this is not a non siphoning waterbowl

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Installation Instructions for the Kendu Zero Spill Waterbowl

KZS-07

If any parts are missing, damaged or if you have questions call 1 800 663-3955

Monday through Friday, 9:00 am to 5:00 pm EST



Figure 1



Figure 2



Figure 3

Optional: To increase the flow rate from 22 to 25 litres per minute, unscrew and remove flow restrictor on the end of the valve.

Assembly: Use Teflon tape or sealant on thread of valve and tighten into the bottom treads of the inside plate with a wrench (figure 1).

Mounting Location Suggestions: If the waterbowl is mounted directly under a horizontal stall pipe, only 3 inches of clearance is required, however more clearance will improve its accessibility.

If locating the waterbowl on the stall side of the post improves accessibility to the animal, water consumption may increase. Wet stalls and bedding will not be a problem because spills will not occur.

To round posts from 1 ¼ to 3 inch diameter:

Several U Clamp kits are available for posts from 1 ¼ to 3 inches ID. (outside diameter is usually ¼ inch more than the ID) Slide bolts through the valve mounting, poly support, rubber bucket and backframe with the head of the bolts inside the waterbowl. (figure 1 and 2) The bolts must extend through U Clamp on the opposite side of the post. Tighten two bolts when waterbowl is in the desired position.

To walls:

Fasteners sold separately. Align the valve mounting and back frame on the rubber bucket (figure 1 and 2). Secure to the wall with lag bolts through holes and into the wall. Alternate method: Use bolts with washers and nuts. Stainless steel fasteners are recommended.

Water Hookup: Adapters are available to connect the water supply from a hose or pipe to the ½ inch female NPT thread. If water supply comes from below, use flexible hose that will not kink or stainless steel ½ inch fittings are available. (2 short nipples and 2 90° elbows) (figure 3)

Helpful Hints: Turning the water off and on may loosen particles in the water line. These particles can cause slow valve leaks until they are flushed out. Do not install any waterbowl late in the day and then leave unattended.