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WATER

A dairy cow needs food and water in order to produce milk

Drinking troughs

| Drinkers

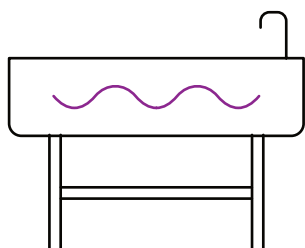
| Fresh water

As any other animal, a dairy cow needs food and water in order to produce milk.

While the more affordable resource, water should receive the same amount of attention as any ration of feed. After all, milk consists of 87% water!

To produce 1 liter of milk, cows need 3 liters of water, or up to 4 liters in the summer time.

This is equal to a volume of 80 to 170 liters per cow a day. If their water intake is restricted in any way, the cows will yield less milk!



DRINKING TROUGHS

A water depth of at least 15 cm is required both to provide the required water quantity and keep the dirt accumulating at the bottom of the trough throughout the day from reaching the sucking planum nasolabiale. Regardless of these facts, all waterers should be cleaned on a daily basis. **A trough length of 2 m allows several animals to drink at the same time.** This corresponds to the natural behavior shown by herd animals. The cows should, however, not be allowed to drink the trough empty.

A big floater valve, a 1 to 1½ inch feed line and a water pressure of 3-5 bar should, therefore, be present in order to achieve a water feed of 50 l/min. A known benchmark for determining the number and size of troughs to be installed in a shed is a trough space of 8-10 cm per cow. However, the quantity alone is not enough. The systematic arrangement and a well-organized distribution of the waterer spaces throughout the shed can improve accessibility also for lower-ranking animals. **It is in the cow's nature to be lazy. The next trough should, therefore, not be further away than 15 meters.**

Frost protection in 4 models

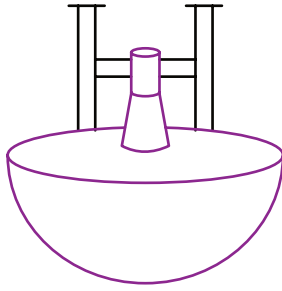
- 1" floater under water
- US frost protection monitor: Frost protection by running water (to approx. -30° C depending on the location)
- 1" flow/heating pipeline
- additional electric heating: Provides protection up to approx. -20°C

We offers drinking troughs

Length 112 cm / 212 cm / 312 cm / 412 cm

Location for wall installation / freestanding





DRINKERS

Drinkers make water intake easier for cows – both in areas where they are only rarely (such as the calving pens or separation areas) and in frequently accessed areas, such as the barns and pastures.

WE PROVIDE SEVERAL DRINKER TYPES

- 1. Tongue drinkers:** The cow presses a mechanism with its tongue, pouring water into the bowl.
- 2. Bowl and pipe-valve drinkers:** The cow presses the valve to the side with its tongue, pouring water into the bowl.
- 3. Float drinkers:** The water level is maintained by a handy float.
- 4. Ball-valve drinkers:** Large-scale drinkers ideal for up to 60 cows. They can be used outdoors at the pasture and are easy to maintain. We also provide them in smaller versions.



We will be happy to answer any questions you may have. Give us a call or send us an email.

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