

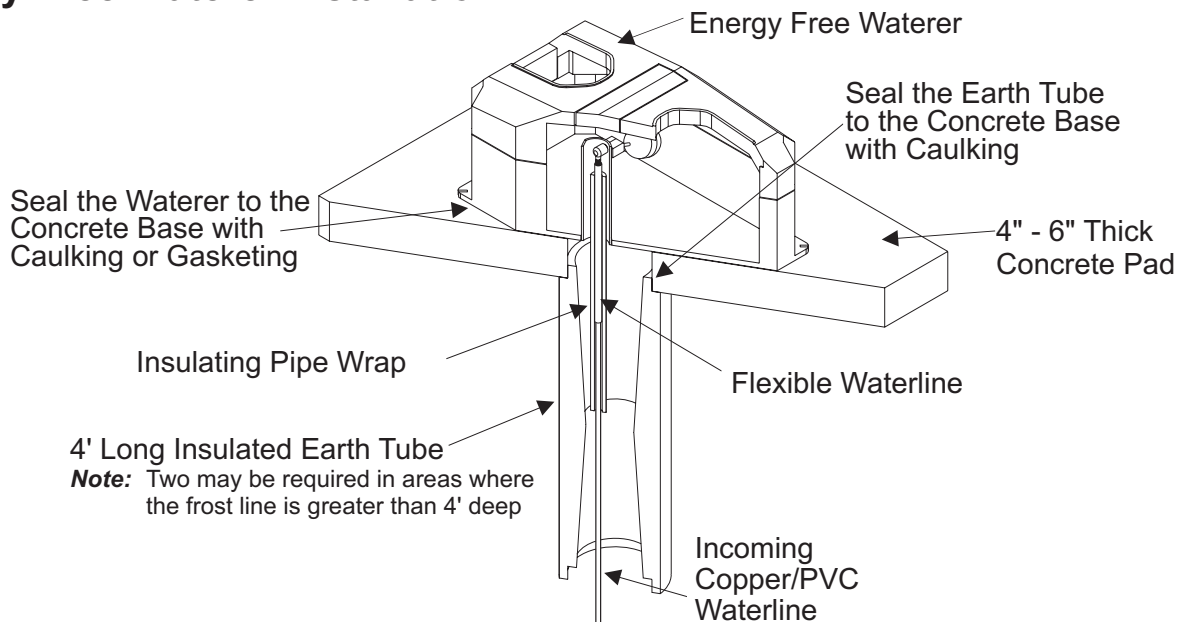
Suggestions for Severe Weather Conditions

If you are considering an "Energy Free" waterer for an area that receives severe freezing temperatures, the following questions need to be considered:

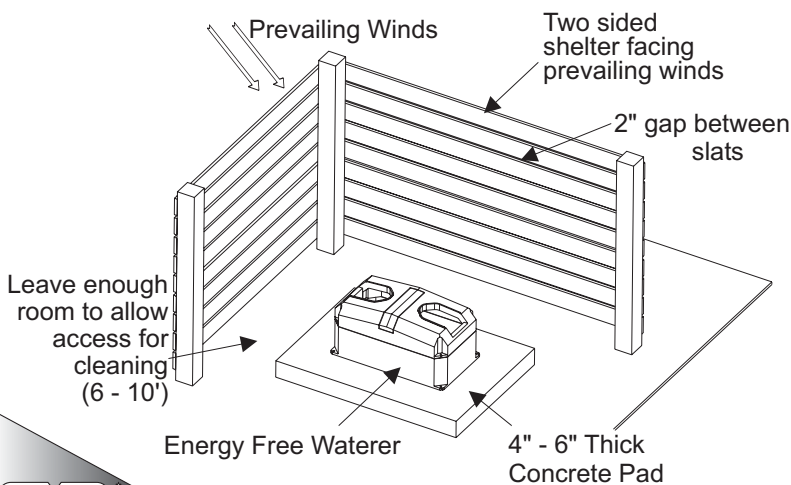
- Will the waterer get regular use to ensure a constant supply of ground heated water?
- Will the animals have unrestricted access to the waterer?
- Will the waterer be checked daily?
- Can a proper "Manufacturer Recommended" installation be achieved?
- Will the waterer be sheltered from the wind in freezing temperatures?

If you answered no to a majority of these questions, an alternative model should be considered such as our electric units EE50/EE100 or VS20E.

Energy Free Waterer Installation



Prevailing Wind Barrier Installation



Note: The four most important criteria of a freeze resistant installation of an energy free waterer are:

1. Protection of the livestock waterer from wind.
2. A good airtight seal between the livestock waterer, earth tube, and the concrete base.
3. An unobstructed flow of ground source heat from below the frost line.
4. Enough animals using the waterer to ensure that above freezing warmer ground source water is maintained in the waterer.

Updated: May 18, 2006