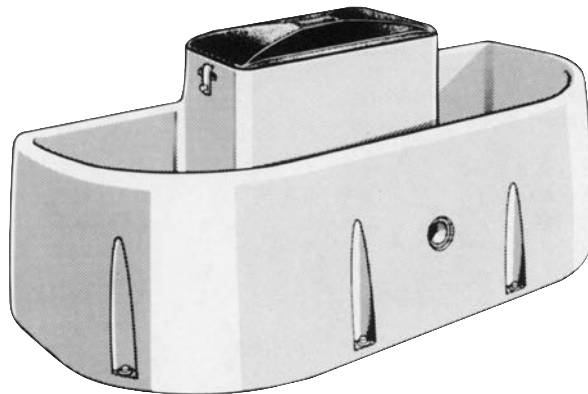


# BIGSpring<sup>®</sup>



BY MIRACO



**INSTALLATION INSTRUCTIONS AND  
SPECIFICATIONS FOR MODEL 6100**

**READ CAREFULLY**

**MIRACO**

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# specifications

## Part 1 General

### A. Description

1. BIGSpring is designed to be used as a freestall waterer and has an optional 500 watt heater when used where freezing can occur. Heater is available in 110 volt or 220 volt models.

### B. Weights & Dimensions

Model #	Capacity	Gallons	Description	Dimensions	Wt.
6100	100 head dairy	60	freestall waterer with optional heater	80" x 26" x 24"	206

### C. Material necessary for installation

1. concrete for the base
2. teflon tape thread sealer

## Part II Materials, Products

### A. Materials

1. High impact rockite, Polyethylene
2. Urethane foam insulation

### B. Valve

1. Miraco plastic valve

### C. Float assembly

1. Stainless steel arm and Brass thumb screw, w/Polyethylene 5" x 5" ball

### D. Heat source

1. Optional Miraco 500 watt heater available in 110 volt or 220 volt models.

### E. Hookup Kit

1. 150 psi rubber hose w/brass ends
2. 3/4" pvc ball valve

### F. Anchor bolts

1. 1/2" x 5" stainless steel anchors included



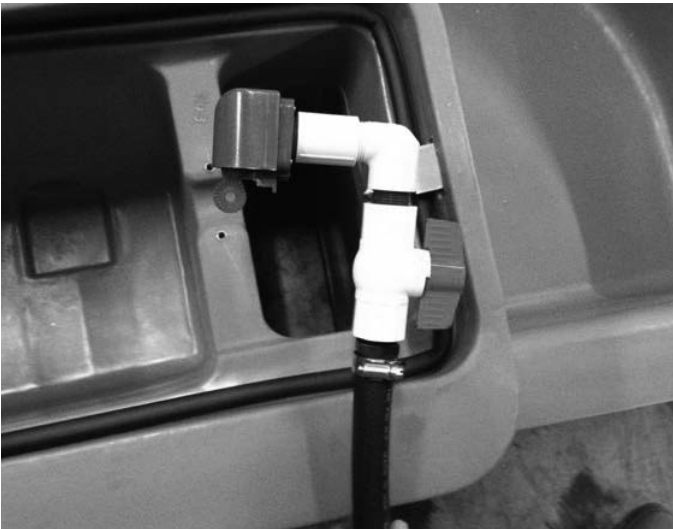
### Step 1

Pull the paper off the back of the rubber gasket and stick to the bottom edge of the tank. This is important to keep out air and water.



### Step 2

Align your tank on the pad and drill 6-1/2" holes in the concrete to accept 1/2" X 5" stainless steel anchors and tighten evenly. You may need to mark the hole locations and remove the tank to drill the holes, depending on the size of your drill.



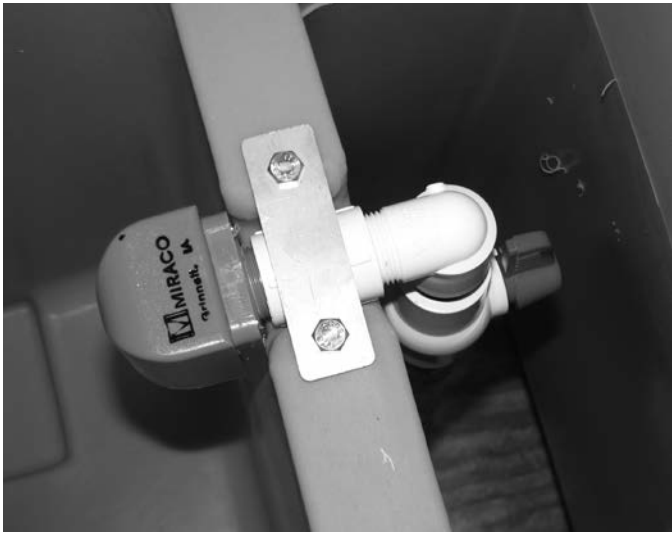
### Step 3

Attach the 150 psi hose with shutoff valve (provided) to the PVC elbow, use teflon tape on all threaded fittings.



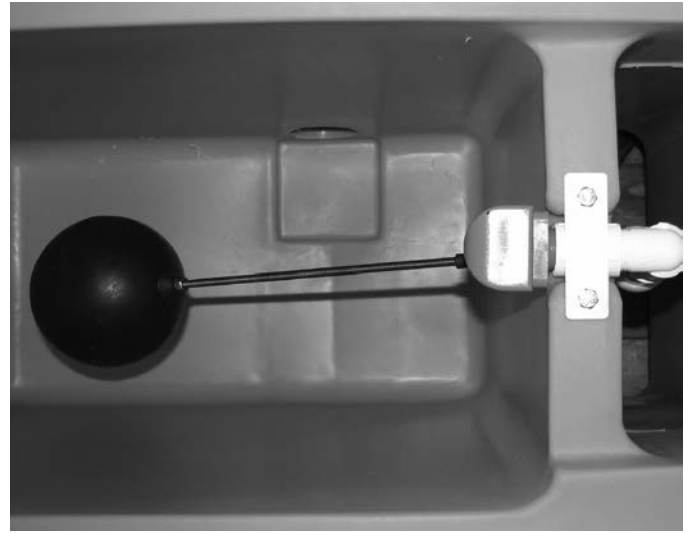
### Step 4

Set the entire assembly into the valve cradle.



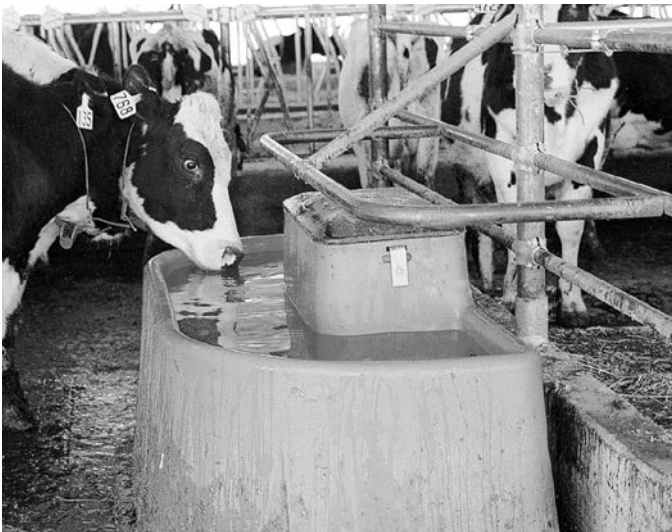
### Step 5

Place the stainless steel bracket over the PVC fitting and attach with 1/4" stainless steel screws provided.



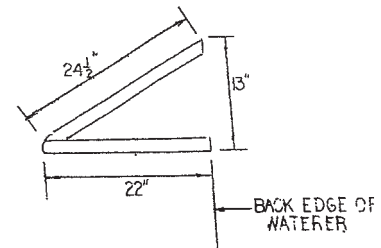
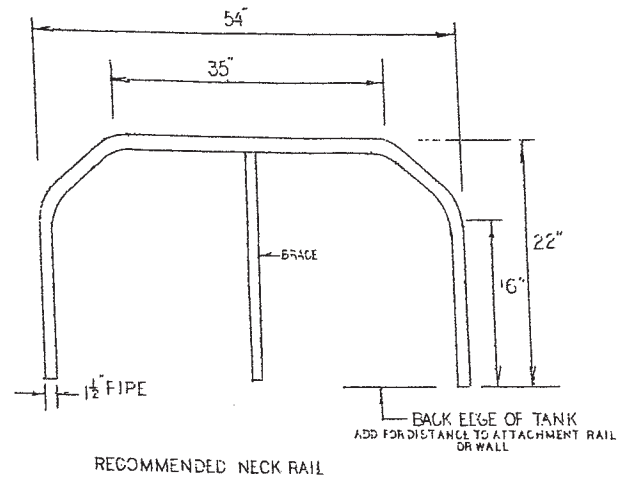
### Step 6

Attach float assembly and adjust water level to desired height.



### Step 7

A neck rail is recommended to prevent cows from standing in the tank. Allowing cows to stand in the tank makes the water dirty and could cause injury to the animal and can void your warranty.



**NOTE:**

A 10" thick concrete pad raises the BIGSpring to a perfect height for drinking and usually eliminates the need for a neck rail.