



# Freezeless Sanitary Water Connector Thermaline<sup>®</sup>

The Thermaline<sup>®</sup> is a compact unit especially designed to provide water service to mobile homes. It is ideal wherever a freezeless sanitary tight line installation is needed, such as, waterers for livestock.

The Thermaline<sup>®</sup> is protected from freezing by a bonded polyurethane foam insulation permanently molded in high strength plastic casing, and a 15 watt (110-120v) portable insert heater, which costs about a penny a day to operate even at 50° below zero.

The heater can be inserted and removed from the Thermaline<sup>®</sup> without interrupting the water service.

Galvanized steel riser pipe with coal-tar coating on lower end, brass fittings, structural foam protective surface cover, and extra large cushion valve all combine to make the Thermaline<sup>®</sup> water connector virtually maintenance free.

When not in use, wheel handle at surface level shuts off water below the frost line. Water above the frost line can be removed completely with forced air or suction pump.

**SPECIFICATIONS:**

**U.S. Patent Number** - 3,913,602

**HEAD** - Brass casting with 3/4" N.P.T. outlet.

**COVER** - Pressure molded polypropylene rigid structural foam.

**HEATER** - 15 watt (110-120V) portable insert heater with grounded metal alloy sheath and 3 prong standard plug.

**RISER PIPE** - 1' galvanized steel pipe.  
**Optional** - 1" brass pipe

**OPERATING PIPE** - 1/4" galvanized steel pipe.  
**Optional** - 1/4" brass pipe.

**INSULATION** - Molded polyurethane foam.

**CASING** - 3 1/4" O.D. plastic tubing.

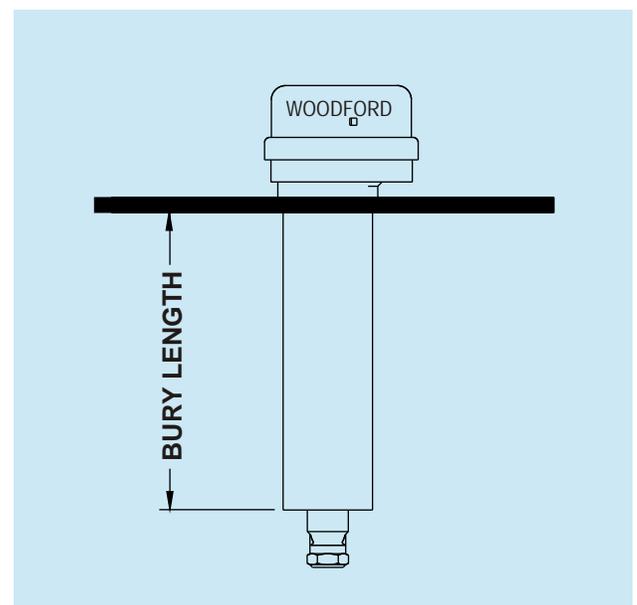
**VALVE** - Permanent type brass valve body with large hemispherical seating surface. 3/4" N.P.T. inlet.

**SHIPPING WEIGHT -**

| Bury Depth (ft) | 1   | 2 | 3    | 4  | 5    | 6  | 7    |
|-----------------|-----|---|------|----|------|----|------|
| Weight (lbs)    | 6.5 | 9 | 11.5 | 14 | 16.5 | 19 | 21.5 |

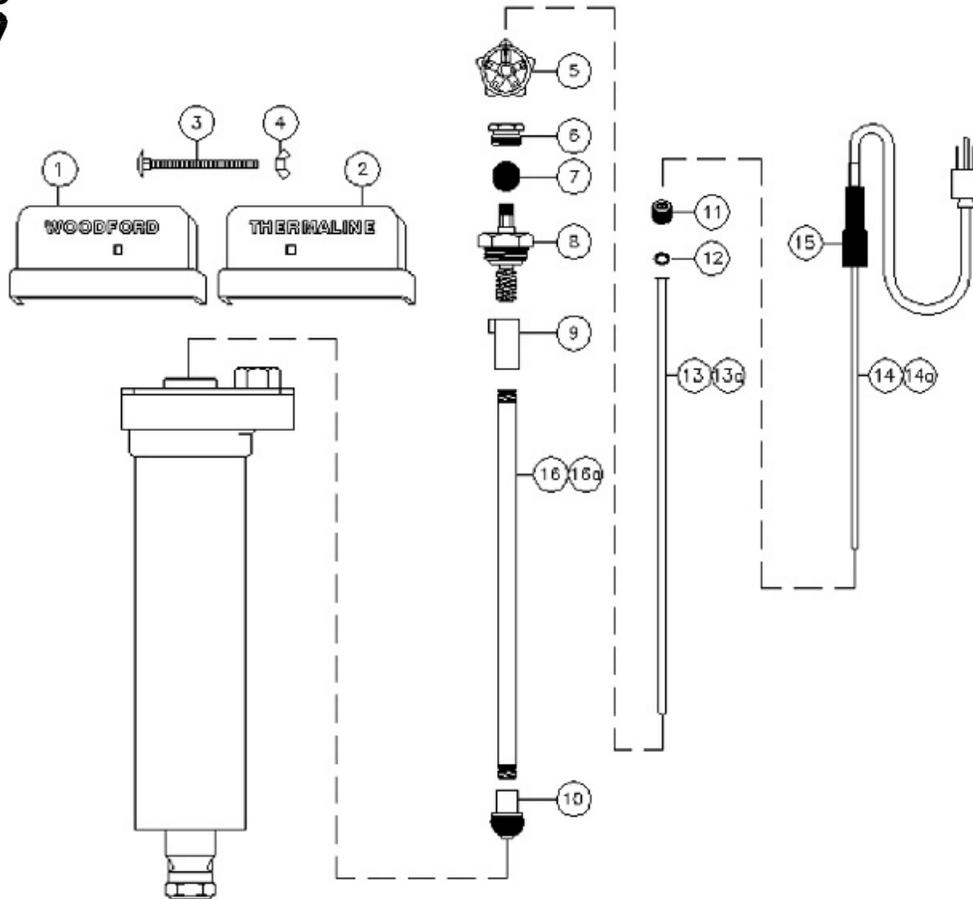
**Specify as follows:**

"Water Connectors shall be Woodford Thermaline \_\_\_\_\_ ft. Bury, with 15 watt portable insert heater, bonded polyurethane insulation, sanitary tight-line design."



*When ordering, specify model and bury depth.*



**WOODFORD**

### THERMALINE PARTS LIST

| ITEM | PART # | DESCRIPTION  | ITEM  | PART #                 | DESCRIPTION                                |
|------|--------|--|-------|------------------------|--|
| 1    | 80055  | Cover, Woodford  | 16    |                        | <b>OPERATING PIPE (For Brass Head)</b>     |
| 2    | 80056  | Cover, Thermaline  | 80081 | 1' Bury (11 1/8" Long) |  |
| 3    | 80073  | Carriage Bolt  | 80082 | 2' Bury (23 1/8" Long) |  |
| 4    | 80068  | Wing Nut   | 80083 | 3' Bury (35 1/8" Long) |  |
| 5    | 80013  | Handle (Brass)   | 80084 | 4' Bury (47 1/8" Long) |  |
| 6    | 80005  | Packing Nut  | 80085 | 5' Bury (59 1/8" Long) |  |
| 7    | 80008  | Packing  | 80086 | 6' Bury (71 1/8" Long) |  |
| 8    | 85063  | Head Nut Assembly  | 80087 | 7' Bury (83 1/8" Long) |  |
| 9    | 80066  | Yoke Nut   | 16a   |                        | <b>OPERATING PIPE (For Cast Iron Head)</b> |
| 10   | 85015  | Combination Valve Assembly   | 80031 | 1' Bury (9 3/8" Long)  |  |
| 11   | 80062  | Heater Well Thumb Nut  | 80032 | 2' Bury (21 3/8" Long) |  |
| 12   | 80063  | Heater Well Washer   | 80033 | 3' Bury (33 3/8" Long) |  |
| 13   | 85002  | 2' Heater Well Assembly (Includes Item 12)   | 80034 | 4' Bury (45 3/8" Long) |  |
| 13a  | 85001  | 1' Heater Well Assembly (Includes Item 12)<br><i>For 2' bury length and shorter.</i> | 80035 | 5' Bury (57 3/8" Long) |  |
| 14   | 85062  | 2' Heater Assembly (Includes Item 15)  | 80036 | 6' Bury (69 3/8" Long) |  |
| 14a  | 85061  | 1' Heater Assembly (Includes Item 15)<br><i>For 2' bury length and shorter.</i>      | 80037 | 7' Bury (81 3/8" Long) |  |
| 15   | 80061  | Heater Cover   |       |                        |  |

RK-THERM Repair Kit (Includes Items 5-12)

**NOTE:**

Old style heaters originally used in Thermalines with cast iron covers are replaced by items 11, 13 and 14

*For more information contact...*

# WOODFORD MANUFACTURING COMPANY

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To view our complete product line visit: [www.woodfordmfg.com](http://www.woodfordmfg.com)