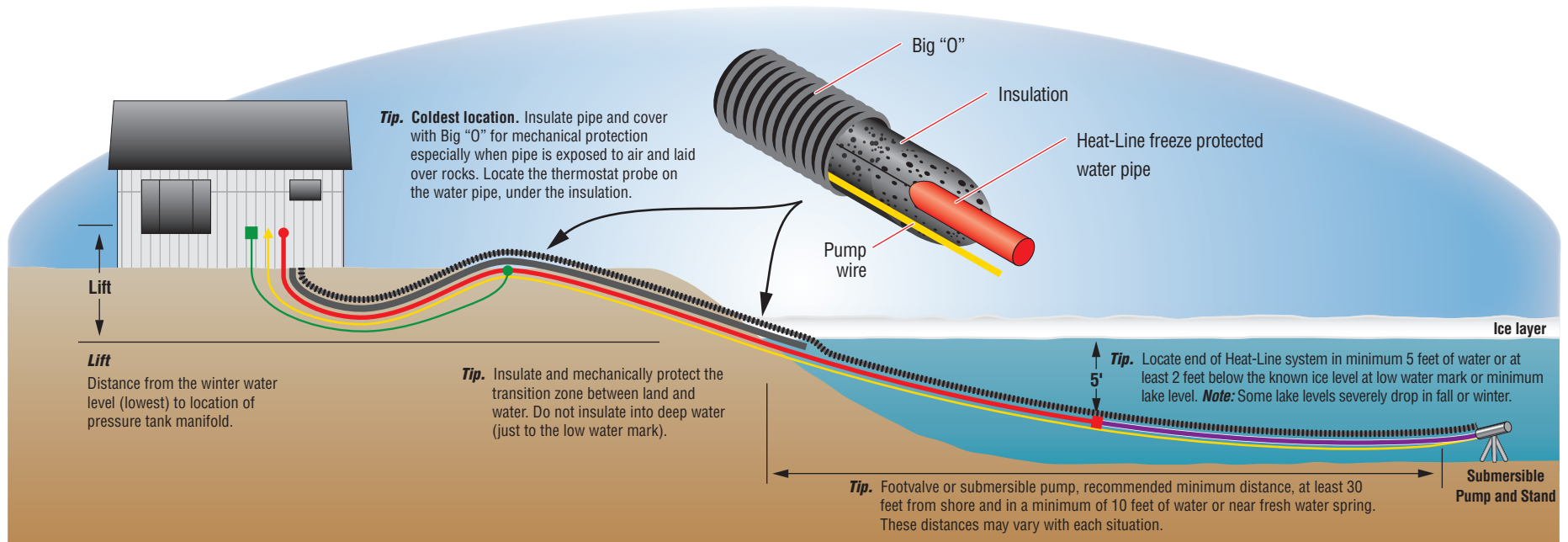


Submersible Pump Guideline

Configuring Water Systems for Year Round Water Supply with Heat-Line® Freeze Protection



Color Codes:

- | | | |
|--|--------|--------------------------|
| Please see drawing above to determine lift | Lift | _____ ft. |
| Non heated water pipe (1" or 1 1/4"): | Length | _____ ft. |
| Heat-Line freeze protected water pipe:
End must be in a minimum 5 ft. of winter water | Length | _____ ft. |
| Submersible pump wire | | |
| Submersible pump control box | | |
| Heat-Line built-in safety: GFCI device | | |
| Insulation: 3/4" thick wall, 3" dia. 6 ft. long: | Length | _____ ft. |
| Mechanical protection: Big "O"
Cover all pipe on land with insulation | Length | _____ ft.
as required |
| Thermostat: Wall mount | | |
| Thermostat probe (sensor): Wire 19 ft., mount on the water pipe. Locate at the "coldest spot on the pipe", as illustrated. Use when superior energy efficiency is desired – This will also improve life span of the product. | | |
| Philmac coupling (1" or- 1 1/4") | | |

Available from Heat-Line

- ❖ Freeze protection system for the water supply line: Heat-Line®, Retro-Line®, or CARAPACE®
- ❖ Water pipe: 1" or 1 1/4"
- ❖ Insulation
- ❖ Thermostat
- ❖ Submersible Pump Stand (PUMP-STAND)
- ❖ Armored cable for submersible pump, with quad break-out boot for underwater cables (TECK 90 12-3C WIRE)
- ❖ MilliAMP 10mA GFCI certified wall mount safety protection for pump (MA-10)
- ❖ Foot Valve Stand (FV-STAND)
- ❖ High quality Philmac Compression Pipe Fittings and Accessories

SAFETY / ELECTRICAL INSPECTION

All submersible pumps should be wired by licensed electricians. Check your local building, plumbing and electrical codes before installing. You must comply with their rules.

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