**CONTROL SYSTEMS**

**Good**
SPDT UL listed mechanical switch. Line or ambient sensing, NEMA 4X or 7 rated enclosure. Rated for 22 amps.

**Better**
Digital PID control with integrated GFI breaker. Has soft start capability to extend run lengths and rated at 30 amps.

**Best**
Fully integrated panel capable of alarms and diagnostics with customizable HMI. Has soft start capability to extend run lengths and rated at 30 amps.

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**Splice and Tee (AXTC-125)**
- Should be placed at the coldest part of the pipe (not in direct sun)

**Lighted End Seal (HEL-100)**
- Above insulation

**Caution Labels (VCL-1)**
- Every 10' you need to have a caution label

**Pipe Support (Shoe)**
- Place extra couple feet of cable at the pipe support to avoid cold spot

**Sensor (R-220-AQSN40060KA1200)**
- Should be placed at the coldest part of the pipe (not indirect sun)

**Fiberglass Tape (GT-36)**
- Used to secure trace to the pipe. 2 wraps every 2'

**Step 1**
Start tracing at the end of the pipe and work your way back to the reel. Wrap with fiber glass tape every 2 ft. DO NOT SPIRAL WRAP! The cable should be run at 45° below horizontal.

**Step 2**
Leave a loop of cable at heat sinks such as valves, pipe supports and flange sets. Use fiberglass tape to secure cable to pipe at 18 in. / 455 mm intervals.

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**FOR TECHNICAL SUPPORT CALL (855) 737-4718**