



SERIES 5000 PANEL GAUGE HEATER
W/ HEATER TAPE

**** INSTALLATION INSTRUCTION MANUAL ****

**** topics ****

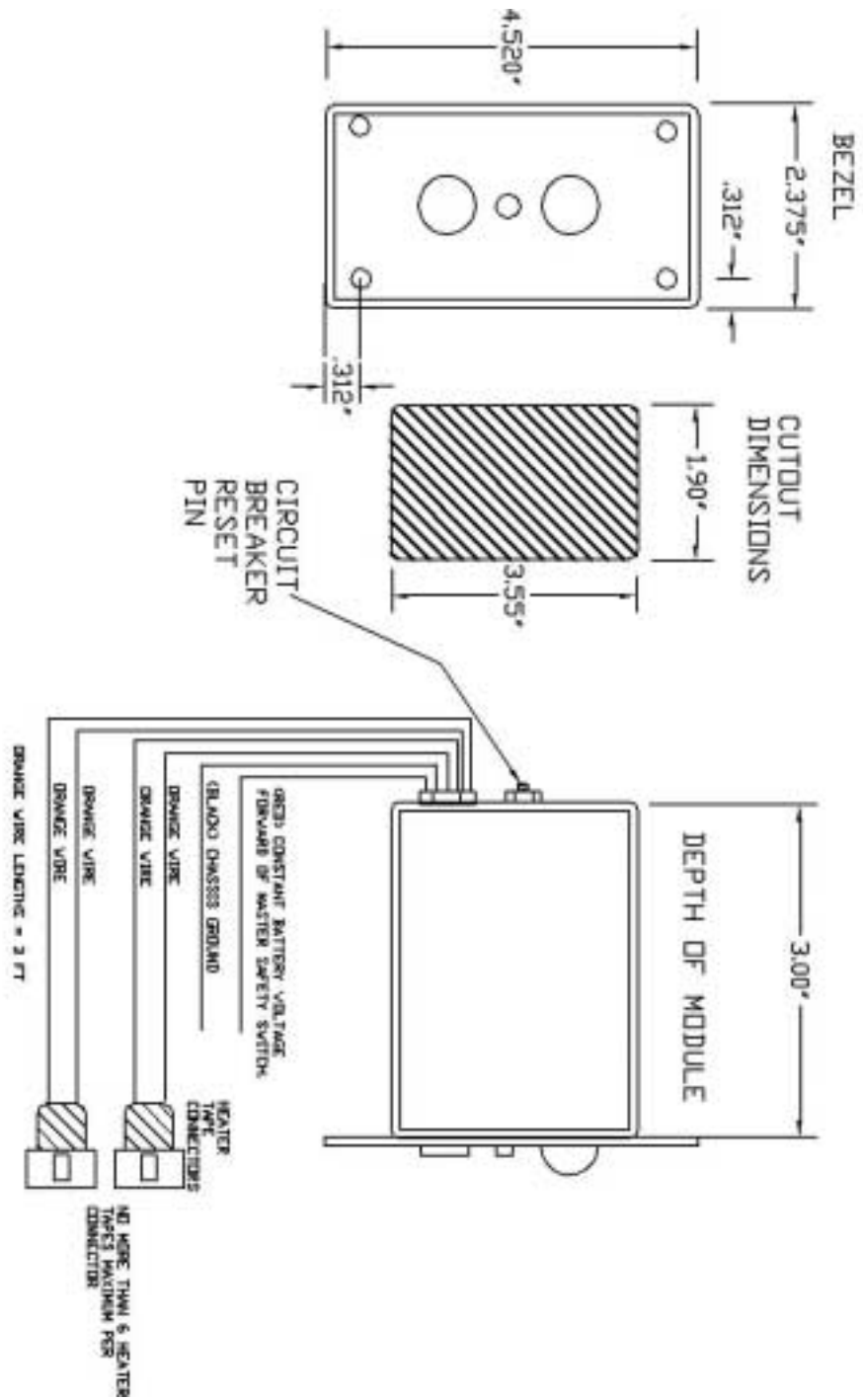
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**** PANEL GAUGE HEATER & HEATER TAPE SPECIFICATIONS****

*** AMPERAGE USE IS APPROXIMATED AND WILL VARY SLIGHTLY DUE TO CONDITIONS. ***

PANEL GAUGE HEATER – (DISPLAY ONLY) <i>APPLICABLE HEATER TAPE AMPERAGE MUST BE ADDED WITH USE OF IN-LINE FUSE</i>	.25 AMPS EACH	PART # 4582250
36" HEATER TAPE	1.25 AMPS EACH	M1117
52" HEATER TAPE	1.45 AMPS EACH	M1118

****HEATER TAPE INSTALLATION ****

- **DO NOT DOUBLE LAYER THE TAPE**
- **DO NOT CUT THE TAPE IN ANY MANNER.**

- CLEAN THE SURFACES THAT THE TAPES WILL BE INSTALLED UPON WITH DENATURED ALCOHOL OR AN APPROPRIATE SOLVENT TO ASSURE THAT THEY ARE OIL AND DIRT FREE
- SELECT THE TAPE LENGTH BEST SUITED FOR EACH SURFACE. AVOID UNNECESSARY EXCESS.
- PEEL THE PROTECTIVE BACKING OFF THE TAPE TO EXPOSE THE ADHESIVE BACKING. REMOVE BACKING AS YOU APPLY THE TAPE TO THE SURFACE.
- APPLY THE TAPE EITHER BY LAYING IT LENGTH-WISE OR WRAPPING IT AROUND THE SURFACE TO BE HEATED.
- IF THERE IS EXCESS TAPE, LET IT LAY LOOSELY AWAY FROM THE TAPE ON YOUR HEATED SURFACES. **DO NOT OVERLAP TAPE ONTO ITSELF.**
- POINT THE CONNECTOR END TOWARD THE DIRECTION OF THE DISPLAY MODULE.
- **CONNECT EACH TAPE TO THE NEXT. DO NOT CONNECT MORE THAN 6 TAPES PER EACH OUTPUT AND NO MORE THAN 12 TAPES MAXIMUM PER DISPLAY MODULE.**



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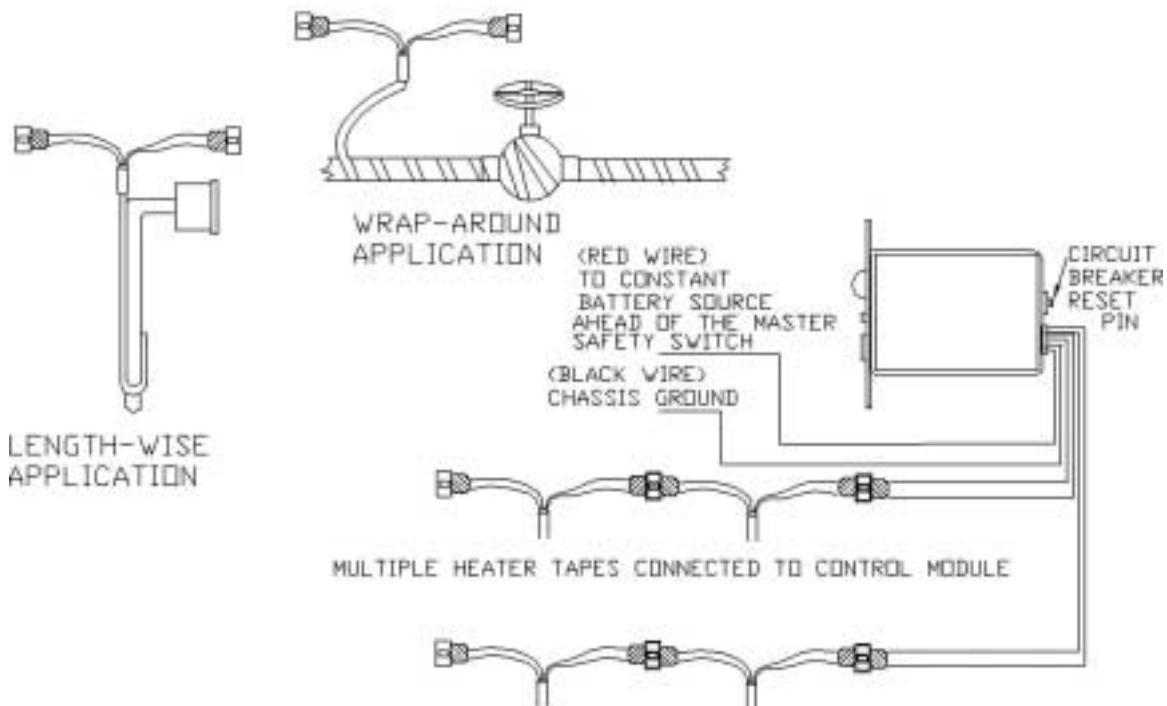
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****HEATER OPERATION ****

THE "COLD SENSOR" IS OPEN UNTIL AMBIENT TEMPERATURE REACHES 28 TO 32° FAHRENHEIT AT WHICH TIME THE SENSOR CLOSSES AND HEATER TAPES ARE POWERED UP AND APPLY HEAT.

A CIRCUIT BREAKER, LOCATED ON THE BACK OF THE CONTROL MODULE, TRIPS WHEN THE CURRENT DRAW EXCEEDS 20 AMPS. THIS CAUSES THE "SERVICE REQUIRED" LED, LOCATED ON THE FRONT OF THE UNIT, TO FLASH. (SEE TROUBLESHOOTING INSTRUCTIONS) FOR SERVICE TIPS.

COMMON APPLICATIONS & WIRING





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