

# CIRCULATING HEATING SYSTEMS

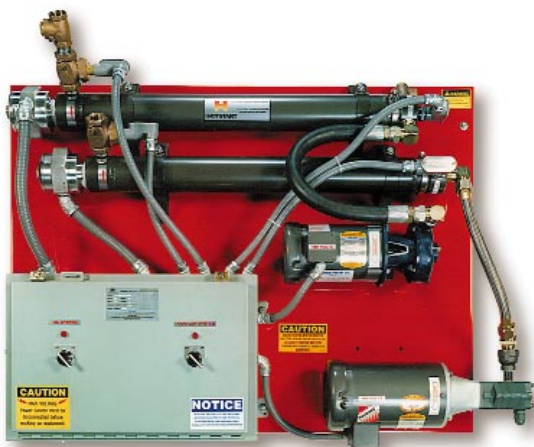
## WET OR DAMP LOCATIONS (WATERTIGHT)

### STANDARD OIL and COOLANT HEATING SYSTEMS

C.I.D. 100° D T	OIL VOLUME	MODEL NUMBER	Coolant KW	Oil KW	Volt	HZ	Ø	AMP	Coolant HP/GPM	Oil HP/GPM
2000 TO 6000	50-250 Gallons	COL1110/0602	11	6	240	60	1	84.6	3/4 / 40	1 / 10
		COL1110/0602-5	11	6	240	50	1	84.6	3/4 / 33	1 / 8
4000 TO 8000	200-400 Gallons	COL1110/0902	11	9	240	60	1	95.2	3/4 / 40	2 / 16
		COL1110/0902-5	11	9	240	50	1	95.2	3/4 / 33	2 / 13
6000 TO 9000	50-250 Gallons	COL3180/0603-5	18	6	380	50	3	42.6	3/4 / 33	1 / 8
		COL3180/0604	18	6	480	60	3	34	3/4 / 40	1 / 10
8000 TO 12000	50-250 Gallons	COL3240/0603-5	24	6	380	50	3	51.7	3/4 / 33	1 / 8
		COL3240/0604	24	6	480	60	3	41.2	3/4 / 40	1 / 10
8000 TO 12000	200-400 Gallons	COL3240/0903-5	24	9	380	50	3	58.7	3/4 / 33	2 / 13
		COL3240/0904	24	9	480	60	3	47.8	3/4 / 40	2 / 16
10000 TO 15000	200-400 Gallons	COL3300/0903-5	30	9	380	50	3	67.7	3/4 / 33	2 / 13
		COL3300/0904	30	9	480	60	3	55	3/4 / 40	2 / 16

### COOLANT/LUBE OIL HEATING SYSTEMS

The Kim Hotstart line of coolant/lube oil combination heating systems combine the benefits of coolant heating and oil heating into one pre-wired, pre-assembled dual heating package. Maintaining jacket water temperatures insures easy starting and allows engines to go to full power without needless idling. In turn, the engine emits less noise and air pollution and equipment availability and up-time is increased. Circulating heated coolant also warms the pre-ignition chamber on lean-burn engines which results in a reduction of harmful emissions during engine start-up. The **COL**, a watertight system by design, is engineered to function in wet or damp locations; ensuring safe, electrical operation. All **COL** systems are CSA approved.



All systems up to 27kw (coolant) carry CSA approval.

### COL3180/0604 (Watertight)

### COL SYSTEM FEATURES

- Pressure switch for automatic operation
- Universal mounting for varied mounting configuration
- 100° to 120°F coolant thermostat and 80° to 100°F oil thermostat
- On/Off switch for coolant and oil heating operations
- Watertight components rated for NEMA 4
- PVC jacketed MI cable resistant to sour gas
- Viton mechanical seal pumps for extended seal life and temperatures to 350°
- Flow detection switches for failsafe operation



# SYSTEM DRAWINGS

## Typical COL System FEATURES AND DIMENSIONS

