

CIRCULATING HEATING SYSTEMS

HAZARDOUS LOCATIONS (CLASS 1 GROUP D)

STANDARD OIL and COOLANT HEATING SYSTEMS

C.I.D.	OIL CAPACITY	MODEL NUMBER	COOLANT KW	OIL KW	VOLT	HZ	Ø	AMP	COOLANT HP/GPM	OIL HP/GPM
2000 TO 6000	50-250 Gallons	COLER1110/0602	11	6	240	60	1	84.6	3/4 / 40	1 / 10
		COLER1110/0602-5	11	6	240	50	1	84.6	3/4 / 33	1 / 8
2000 TO 6000	200-500 Gallons	COLER1110/0902	11	9	240	60	1	95.2	3/4 / 40	2 / 16
		COLER1110/0902-5	11	9	240	50	1	95.2	3/4 / 33	2 / 13
4000 TO 9000	50-250 Gallons	COLER3180/0603-5	18	6	380	50	3	42.6	3/4 / 33	1 / 8
		COLER3180/0604	18	6	480	60	3	34	3/4 / 40	1 / 10
8000 TO 12000	50-250 Gallons	COLER3240/0603-5	24	6	380	50	3	51.7	3/4 / 33	1 / 8
		COLER3240/0604	24	6	480	60	3	41.2	3/4 / 40	1 / 10
8000 TO 12000	200-500 Gallons	COLER3240/0903-5	24	9	380	50	3	58.7	3/4 / 33	2 / 13
		COLER3240/0904	24	9	480	60	3	47.8	3/4 / 40	2 / 16
10000 TO 15000	200-500 Gallons	COLER3300/0903-5	30	9	380	50	3	67.7	3/4 / 33	2 / 13
		COLER3300/0904	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 system. Circulating heated coolant and lube oil throughout the engine ensures optimum starting temperatures and oil viscosity while eliminating condensation. Pre-heating greatly reduces friction and wear caused by cold starting and significantly reduces fuel costs by eliminating needless idling. Circulating heated coolant also warms pre-ignition chambers on lean-burn engines, greatly aiding start-up and prolonging spark plug life. The **COLER**, explosion resistant by design, is engineered to function in hazardous locations; ensuring safe, electrical operation. All **COLER** systems are CSA approved.



Typical COLER System
(Explosion Proof)

COLER SYSTEM FEATURES

- Adjustable 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; Hand/off/auto switch for oil
- Explosion proof/Watertight control box rated for Class 1 Group D Div. 1 & 2 and NEMA 4
- PVC jacketed MI cable resistant to sour gas
- Viton mechanical seal pumps for extended seal life and temperatures to 350°
- External motor protective switch reset buttons



SYSTEM DRAWINGS

Typical COLER System FEATURES AND DIMENSIONS

