



# CIRCULATING HEATING SYSTEMS

## COLER Model (Hazardous Location)

STANDARD OIL/ COOLANT HEATING SYSTEMS									
Engine Displacement CID/Litre	Oil Volume Gal/Litre	Model Number	Water/Oil KW	Volts	HZ	Ø	Total Amps	Water GPM	Oil HP/GPM
2000 - 6000 33 - 101	50 - 250 189 - 946	COLER1110/0602 COLER1110/0602-5	11/6 11/6	240 240	60 50	1 1	84.3 84.3	40 33	1/10 1/8
4000 - 8000 65 - 131	200-500 757 - 1892	COLER1110/0902 COLER1110/0902-5	11/9 11/9	240 240	60 50	1 1	101.2 101.2	40 33	2/20 2/16
6000 - 9,000 101 - 147	50 - 250 189 - 946	COLER3180/0603-5 COLER3180/0604	18/6 18/6	380 480	50 60	3 3	42.2 33.6	33 40	1/8 1/10
8000 - 12,000 131 - 197	50 - 250 189 - 946	COLER3240/0603-5 COLER3240/0604	24/6 24/6	380 480	50 60	3 3	51.3 40.8	33 40	1/8 1/10
8000 - 12,000 131 - 197	200-500 757 - 1892	COLER3240/0903-5 COLER3240/0904	24/9 24/9	380 480	50 60	3 3	57.2 45.8	33 40	2/16 2/20
10,000 - 12,000 164 - 197	200-500 757 - 1892	COLER3300/0903-5 COLER3300/0904	30/9 30/9	380 480	50 60	3 3	66.4 53.1	33 40	2/16 2/20

The HOTSTART line of coolant/lube oil combination heating systems combines the benefits of coolant heating and oil heating into one pre-wired, pre-assembled dual heating package. Circulating heated coolant and lube oil throughout the engine ensures optimum starting temperatures and oil viscosity while eliminating condensation. Preheating really reduces friction and wear caused by cold starting and significantly reduces fuel costs by eliminating needless idling. Circulating heated coolant also warms the pre-ignition chamber on lean-burn engines. This results in extended spark plug life and a reduction of harmful emissions during engine start-up. The COLER is engineered to function in hazardous locations; ensuring safe, electrical operation.



### COLER System Features

- Pressure switch or relay for automatic operation
- Universal mounting for varied mounting configurations
- 100° to 120°F thermostat for coolant and 80° to 100°F oil thermostat
- On/Off switch for coolant and oil heating operations
- Explosion proof/weathertight 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°F
- External motor protective switch reset buttons

# COLER Dimensions

