



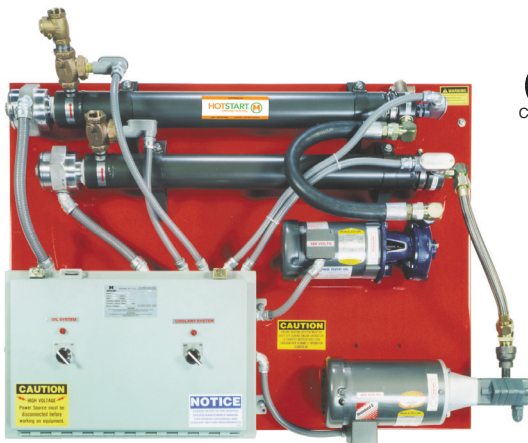
# CIRCULATING HEATING SYSTEMS

## COL Model (Watertight)

### 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	COL1110/0602-5	11/6	240	50	1	84.3	33	1/8
4000 - 8000 65 - 131	200-500 757 - 1892	COL1110/0902	11/9	240	60	1	101.2	40	2/20
		COL1110/0902-5	11/9	240	50	1	101.2	33	2/16
6000 - 9,000 101 - 147	50 - 250 189 - 946	COL3180/0603-5	18/6	380	50	3	42.2	33	1/8
		COL3180/0604	18/6	480	60	3	33.6	40	1/10
8000 - 12,000 131 - 197	50 - 250 189 - 946	COL3240/0603-5	24/6	380	50	3	51.3	33	1/8
		COL3240/0604	24/6	480	60	3	40.8	40	1/10
8000 - 12,000 131 - 197	200-500 757 - 1892	COL3240/0903-5	24/9	380	50	3	57.2	33	2/16
		COL3240/0904	24/9	480	60	3	45.8	40	2/20
10,000 - 12,000 164 - 197	200-500 757 - 1892	COL3300/0903-5	30/9	380	50	3	66.4	33	2/16
		COL3300/0904	30/9	480	60	3	53.1	40	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 reducing condensation. Maintaining jacket water temperatures ensures easy starting and allows engines to go to full power without 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 COL, a watertight system by design, is engineered to function in wet or damp locations; ensuring safe, electrical operation.



### COL System Features

- Pressure switch 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
- Weathertight components rated NEMA 12
- Viton mechanical seal pumps for extended seal life and temperatures to 350°F
- Flow detection switches for fail-safe operation

# COL Dimensions

