



Hotstart's EVRHEAT Series 20 heating system is a forced circulation coolant preheater, developed to maintain optimal temperatures for diesel and gas engines in industrial power generation applications¹.



ENGINE READINESS AT A GLANCE

Indicator lights display current heater status, allowing users to verify heater operation at a glance. Engines are maintained at their optimized temperature range for easy starts with reduced emissions.



EASY TROUBLESHOOTING

If a fault condition arises, the heating system detects the problem and deactivates before any damage occurs – minimizing heater downtime, repair costs, and warranty expenditures. Clear fault indicators on the display inform users of heater status, making troubleshooting issues easier and quicker in the field.



QUICK RESPONSE CONTROLS

The EVRHEAT Series 20 uses solid state controls to respond to fluid temperature changes as little as 1 °F, resulting in increased temperature uniformity and eliminating nuisance low temperature alarms.



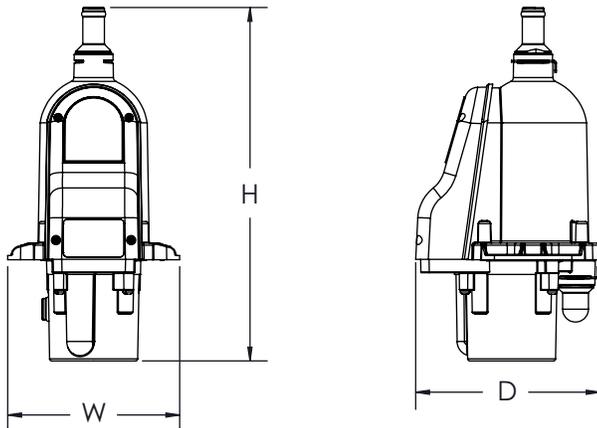
LOWER TOTAL COST OF OWNERSHIP

The combination of the solid state temperature controls with its debris-resistant forced circulation pump makes for an exceptionally robust engine heating solution that is up to 45% more efficient than standard thermosiphon heaters².

¹IEC 61000-6-2:2016, IEC61000-6-4:2018 compliant.

²Savings are dependent on local utility rates and installation variables.





Height (H)	Width (W)	Depth (D)	Weight
10.28"	5.0"	5.36"	3.25 lbs
261 mm	127 mm	136 mm	1474 g

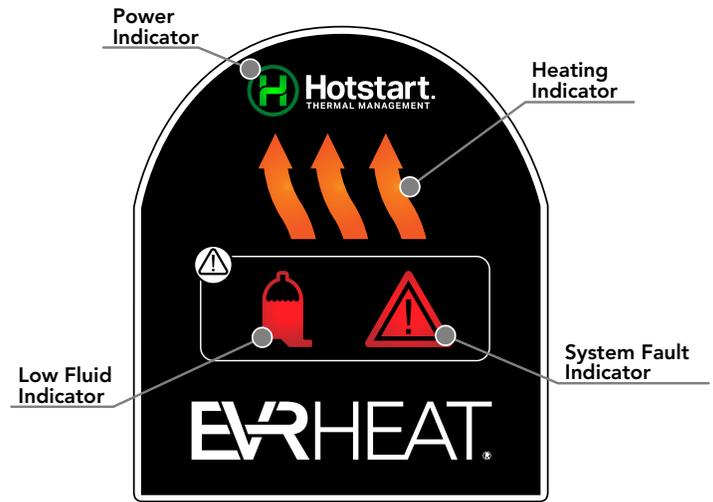
System	
Phase	single-phase (1 Ø)
Voltage	120V 208V 240V
Ingress	IP66
Min./Max. Ambient Temp.	-31–113°F (-35–45°C)
Certification ³	UL C/US Listed CE / UKCA

Coolant	
Fluid Type	Water Coolant mix (50% water/50% glycol)
Heat Power	1.4 kW 1.9 kW 2.5 kW
Set Temp	110°F (43°C)
High Limit Temp	167°F (75°C)
Flow	1.5 gpm @ 3.5 ft H ₂ O (5.6781 L/min @ 1.067 m H ₂ O)
Inlet/Outlet*	0.625" (16mm) hose barb 0.625" (16mm) hose barb

* Additional inlet/outlet hose barb sizes are available.

Part Number	V	kW	A	Plug Type	Engine Displacement	Approvals	Cord Length
EVR20-10141D11-N00	120	1.4	11.7	NEMA (5-15P)	up to 8.2 L (500 CID)	UL	8' (2.4 m)
EVR20-10191D11-N00	120	1.9	15.8	NEMA (5-20P)	up to 15 L (915 CID)	UL	8' (2.4 m)
EVR20-10252D11-N00	240	2.5	10.4	NEMA (6-15P)	up to 20 L (1200 CID)	UL	8' (2.4 m)
EVR20-10252D11-E00	240	2.5	10.4	Schuko	up to 20L (1200 CID)	CE	8' (2.4 m)
EVR20-10258D11-A00	208	2.5	12	Unterminated	up to 20L (1200 CID)	UL	8' (2.4 m)
EVR20-10258D11-B00	208	2.5	12	Unterminated	up to 20L (1200 CID)	CE	8' (2.4 m)

Interface Diagram



³This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
CAN ICES-3 (B)/NMB-3(B)