

HOTflow® Engine Heaters

CSM Model Single & Three Phase

3000–12000 Watts



Meets requirements for installation on any UL 2200 listed generator.

HOTSTART's HOTflow® engine heater (CSM Model) features a thermostat, pump and all required controls. Forced circulation of the coolant delivers uniform heating throughout the entire engine, extends element life and offers a significant reduction in electrical consumption.

The HOTflow® CSM operates automatically when provided contacts are supplied with a 24 V DC signal from the engine.

Thermostat Range	
ON	OFF
100°F (38°C)	120°F (49°C)

Engine Displacement CID/Liter	Power Supply			kW	Amps	Style	Model Number
	Volts	Ø	Hz				
1000–1500 CID 15–25L	120	1	60	3	26.3	A	CSM10301-000
	208	1	60	3	15.1	A	CSM10308-000
	208	3	60	3	8.7	B	CSM30308-000
	230	1	50	3	13.7	A	* CSM1030J-5A0
	240	1	60	3	13.1	A	CSM10302-000
	400	3	50	3	4.9	B	* CSM3030A-5A0
	480	1	60	3	7.0	B	CSM10304-000
	480	3	60	3	4.4	B	CSM30304-000
1500–3000 CID 25–50L	208	1	60	6	29.6	A	CSM10608-000
	208	3	60	6	17.1	B	CSM30608-000
	230	1	50	6	26.7	A	* CSM1060J-5A0
	240	1	60	6	25.6	A	CSM10602-000
	400	3	50	6	8.9	B	* CSM3060A-5A0
	440	3	60	6	8.1	B	* CSM3060F-5A1
	480	1	60	6	12.8	B	CSM10604-000
	480	3	60	6	7.4	B	CSM30604-000
575	3	60	6	6.2	B	CSM30605-000	
3000–4500 CID 50–75L	208	1	60	9	44.0	A	CSM10908-000
	208	3	60	9	25.4	B	CSM30908-000
	230	1	50	9	39.8	A	* CSM1090J-5A0
	240	1	60	9	38.1	A	CSM10902-000
	400	3	50	9	13.2	B	* CSM3090A-5A0
	440	3	60	9	12.2	B	* CSM3090F-5A1
	480	1	60	9	19.1	B	CSM10904-000
	480	3	60	9	11.0	B	CSM30904-000
575	3	60	9	9.2	B	CSM30905-000	
4500–6000 CID 75–100L	208	1	60	10.5	51.2	B	CSM11058-000
	208	3	60	12	33.7	B	CSM31208-000
	230	1	50	12	52.8	B	* CSM1120J-5A0
	240	1	60	12	50.6	B	CSM11202-000
	400	3	50	12	17.5	B	* CSM3120A-5A0
	440	3	60	12	15.9	B	* CSM3120F-5A2
	480	1	60	12	25.3	B	CSM11204-000
	480	3	60	12	14.6	B	CSM31204-000
575	3	60	12	12.2	B	CSM31205-000	

* CE compliant/union pump configuration
Other voltages available. Consult the factory.



Style A



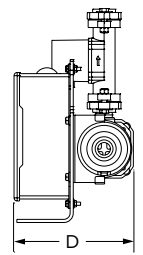
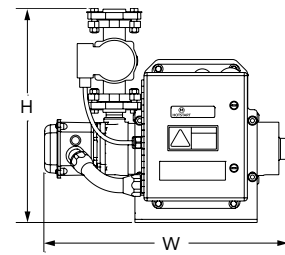
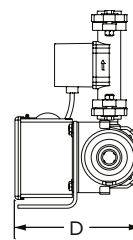
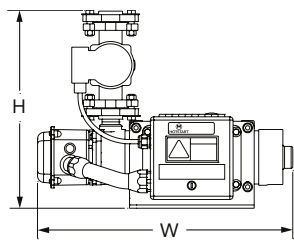
* union pump



Style B



* union pump



Height (H)	Width (W)	Depth (D)	Weight
15.0"	19.4"	9.5"	37 lbs.
383 mm	493 mm	242 mm	16.8 kg

Height (H)	Width (W)	Depth (D)	Weight
17.0"	19.4"	9.5"	54 lbs.
434 mm	493 mm	242 mm	24.5 kg

* If a union pump is installed, the model's height (H) will decrease by approximately 1.5" (38mm)