

Block Heater Kit, Typical

### Applicable Models

- KD800- KD1750
- KD2000- KD3250
- KD3500- KD4000

### Standard Features

- UL- C/US listed (60 Hz Models) - E250789CE
- CE compliant
- Controls for automatic operation
- Compact design
- Easy to install

### Description

The engine block heater kit heats the engine coolant in cold ambient, warming the cylinders, oil, and charge air circuit which all help to give a faster starting time. The engine block heater has a thermostat, pump, and temperature control system. The pump circulates warm coolant into the engine and supplies constant heating to the engine. The engine block heater kit helps to extend element life and gives a significant reduction in electrical consumption.

The engine block heater has a fixed setting thermostat that turns ON when the engine coolant temperature reaches 49°C (120°F) and turns OFF when the engine coolant temperature reaches 60°C (140°F).

The engine block heater kit is recommended for ambient temperatures below 10°C (50°F).

The engine block heater kits are available in 208 V, 240 V, 380 V, and 480 V versions.

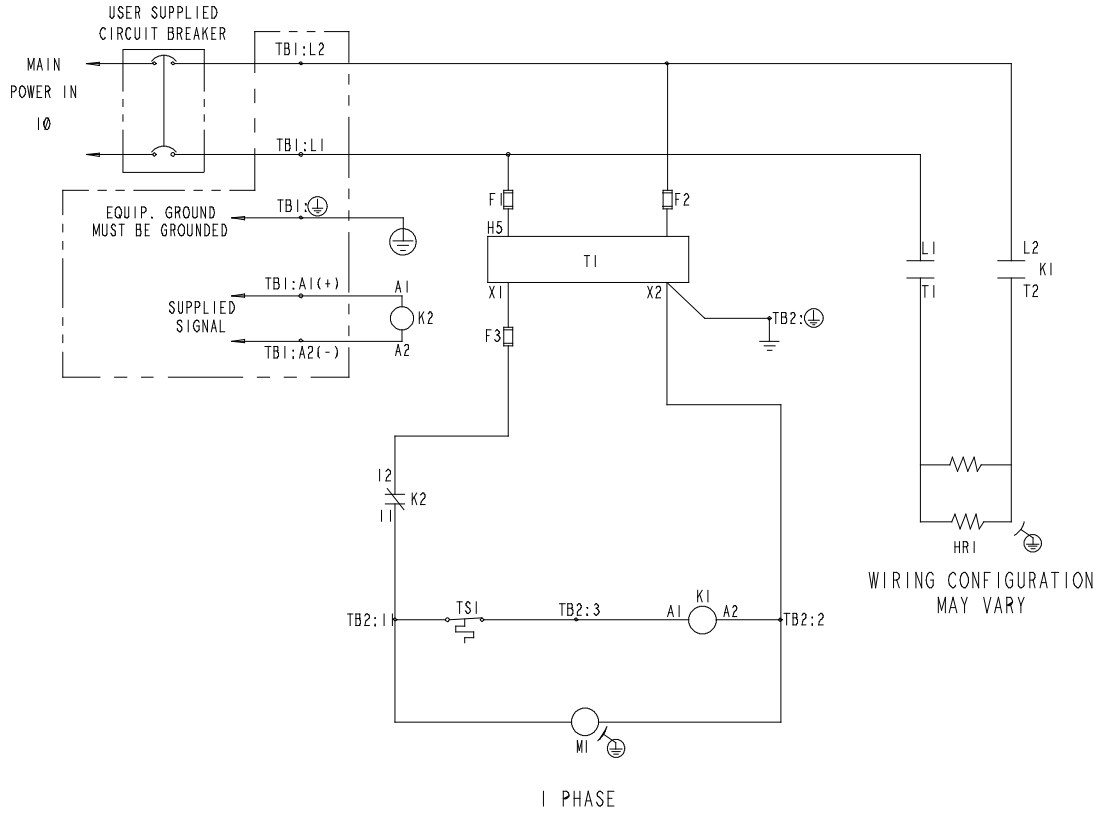
## Block Heater Specifications

Heating Fluid	Engine Coolant (50% Glycol/50% Water)
Fixed Thermostat	49° - 60°C (120° - 140°F)
Flow	10 GPM (2.2m <sup>3</sup> /hr) @ 10 ft head (3 mWc)
Pump Power	70W (50 Hz), 97W (60 Hz)
Max. Pressure	125 psi (860 kPa)
Pressure Loss	0.2 psi (1.5 kPa)
Inlet Plumbing	1.0 in NPT
Outlet Plumbing	1.0 in NPT
Main Control Box Ingress Protection	NEMA 4 (IP66)
Motor Ingress Protection	IP44 (50 Hz), NEMA 2 (60 Hz)

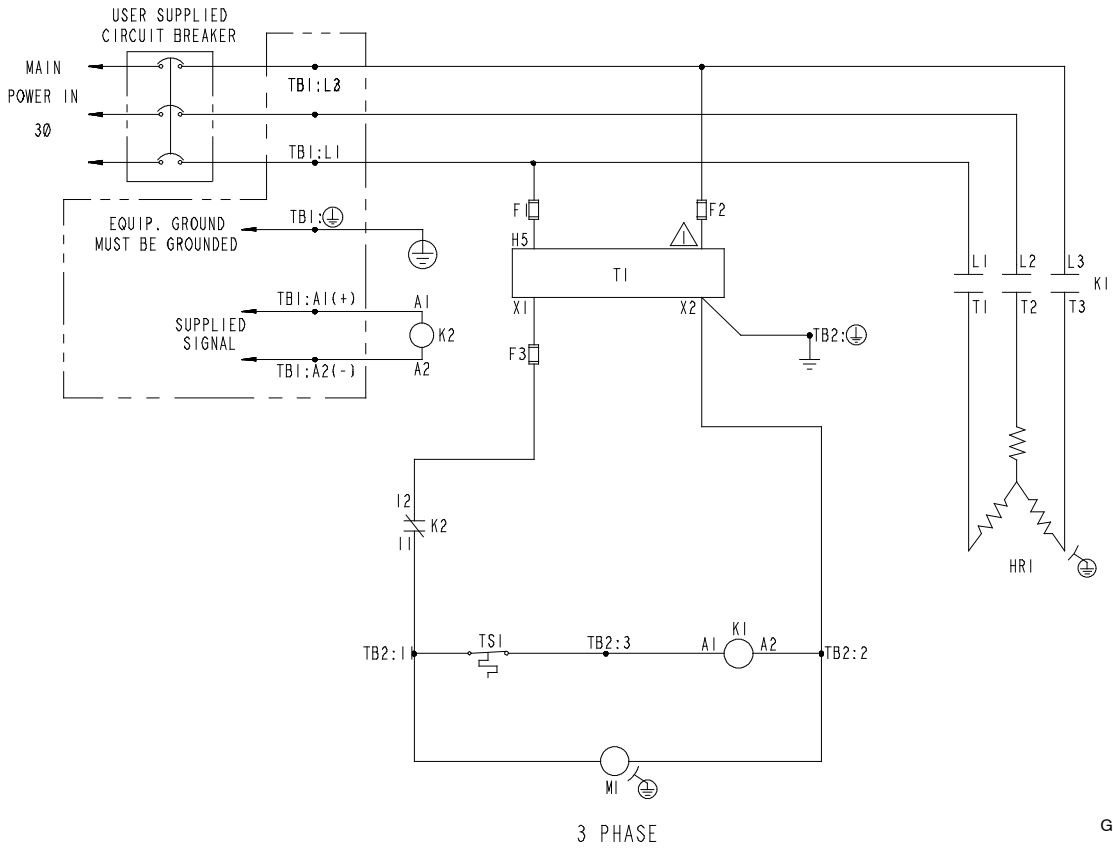
## Specifications

Block Heater Kit Number	Component	Watts	Voltage	Phase
10305000145- KA1	10305000200	6000	480	3
10305000145- KA2	10305000300	6000	240	1
10305000145- KA3	10305000400	6000	480	1
10305000145- KA4	10305000500	6000	240	3
10305000145- KA5	10305000600	6000	380	3
10305000145- KA6	10305000700	6000	208	1
10305000145- KA7	10305003100	6000	208	3
10305001400- KA1	10305001500	9000	480	3
10305001400- KA2	10305001600	9000	240	1
10305001400- KA3	10305001700	9000	480	1
10305001400- KA4	10305001800	9000	240	3
10305001400- KA5	10305001900	9000	380	3
10305001400- KA6	10305002000	9000	208	1
10305001400- KA7	10305003300	9000	208	3
10305002800- KA1	10305001800	9000	240	3
10305002800- KA2	10305001500	9000	480	3
10305002800- KA3	10305001600	9000	240	1
10305002800- KA4	10305001700	9000	480	1
10305002800- KA5	10305001900	9000	380	3
10305002800- KA6	10305002000	9000	208	1
10305002800- KA7	10305003300	9000	208	3
10305003501- KA1	10305001500	9000	480	3
10305003501- KA2	10305001600	9000	240	1
10305003501- KA3	10305001700	9000	480	1
10305003501- KA4	10305001800	9000	240	3
10305003501- KA5	10305001900	9000	380	3
10305003501- KA6	10305002000	9000	208	1
10305003501- KA7	10305003300	9000	208	3
10305003601- KA1	10305003804	12000	240	3
10305003601- KA2	10305003807	12000	480	3
10305003601- KA3	10305003803	12000	240	1
10305003601- KA4	10305003806	12000	480	1
10305003601- KA5	10305003805	12000	380	3
10305003601- KA6	10305003801	10500	208	1
10305003601- KA7	10305003802	12000	208	3
10305004001- KA1	10305003804	12000	240	3
10305004001- KA2	10305003807	12000	480	3
10305004001- KA3	10305003803	12000	240	1
10305004001- KA4	10305003806	12000	480	1
10305004001- KA5	10305003801	10500	208	1
10305004001- KA6	10305003802	12000	208	3

# Wiring Diagram



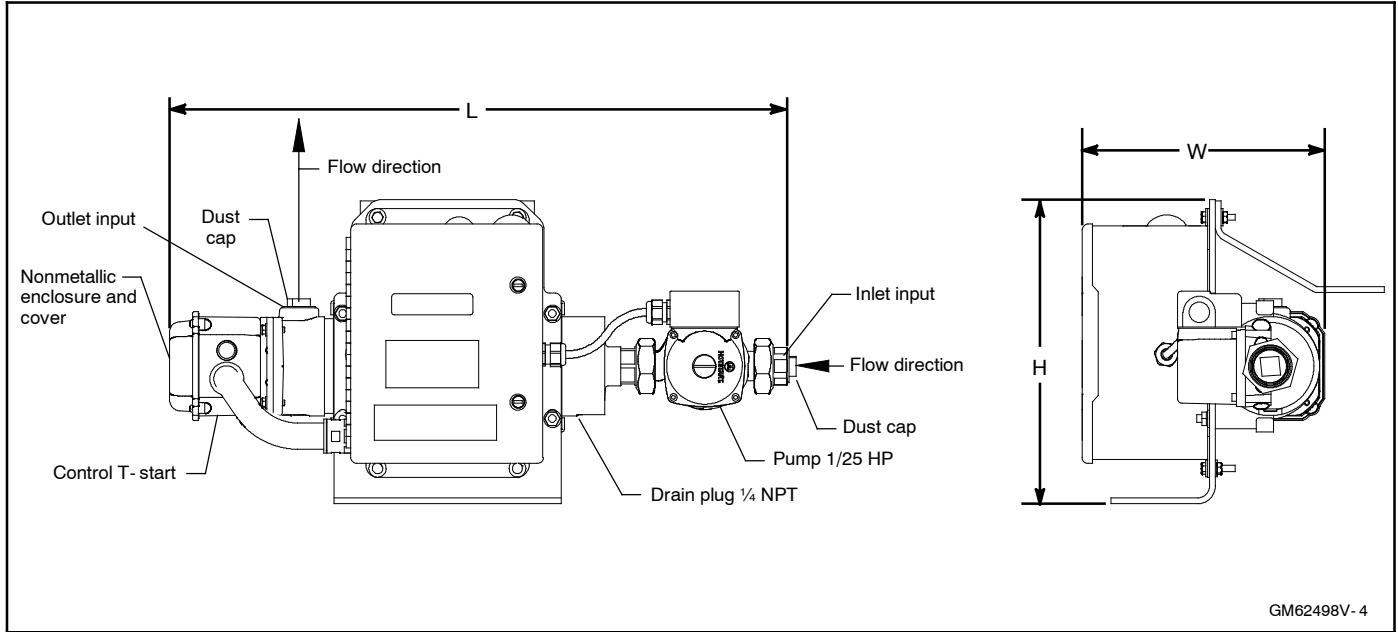
WIRING CONFIGURATION  
MAY VARY



GM62498V-4

## Dimensions and Weights

Overall Size, L x W x H, mm (in): 674 x 264 x 330 (26.53 x 10.4 x 12.9)  
Weight, wet, kg (lb): 16.8 (37)



**DISTRIBUTED BY:**

Availability is subject to change without notice. Kohler Co. reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. Contact your local Kohler® generator distributor for availability.

© 2020 Kohler Co. All rights reserved.