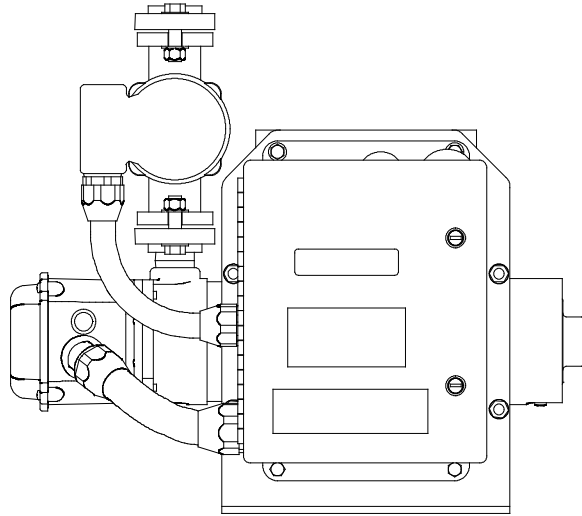
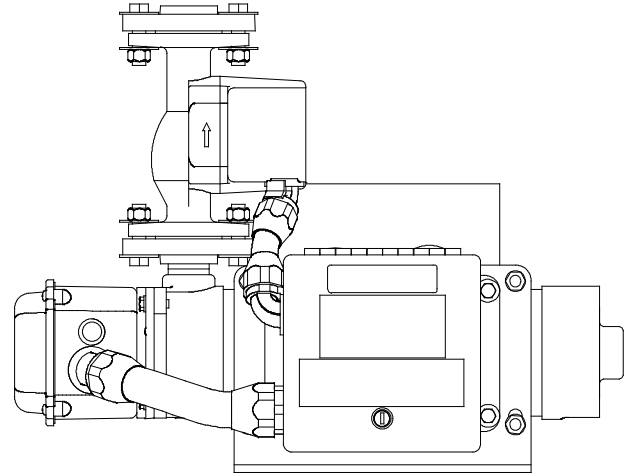


**Engine Block Heater Kits**

Type 1 and Type 3



Type 2

Block Heater Kits, typical

**Applicable Models**

- 250- 400RZXB
- 250- 450REZXB
- 300REZXC
- 300- 400RZXD
- 300- 500REZXD
- 900- 1250REOZMD
- 1250- 2000ROZMC

**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 38°C (100°F) and turns OFF when the engine coolant temperature reaches 49°C (120°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	38° - 49°C (100° - 120°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)

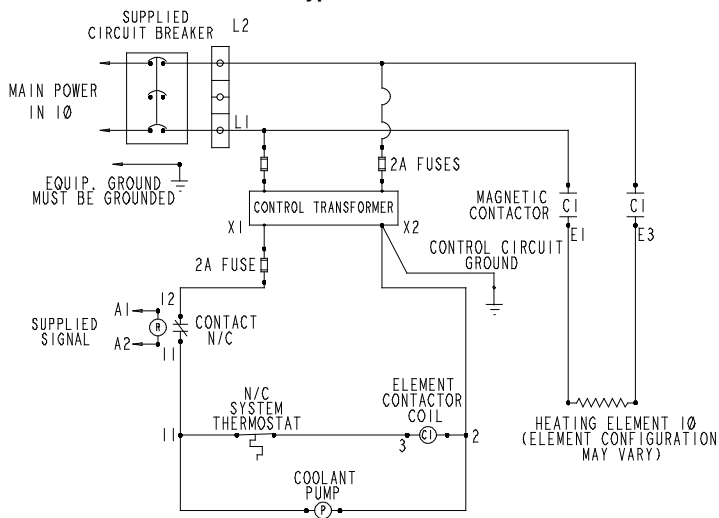
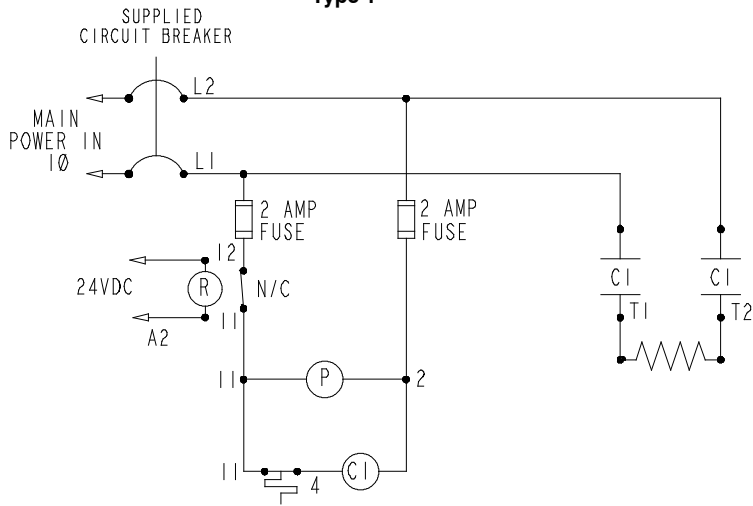
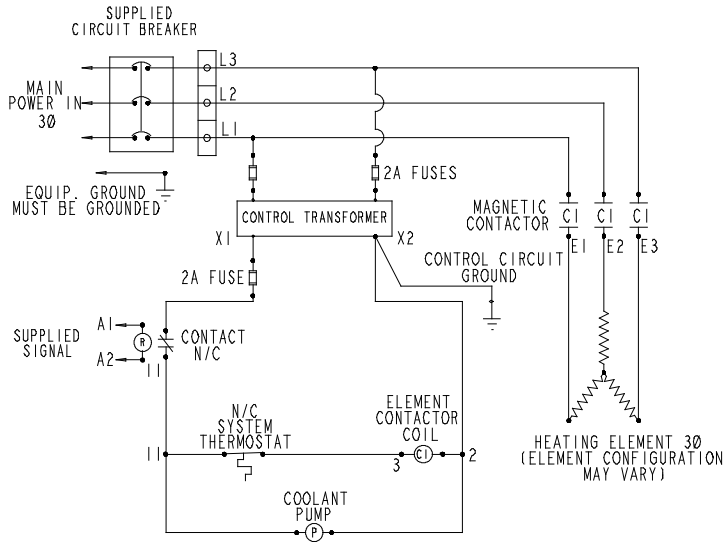
## Specifications

Block Heater Kit Number	Component	Watts	Voltage	Phase	Type
GM64396- KA1	GM62499	9000	240	1	2
GM64396- KA2	GM62500	9000	480	1	3
GM64396- KA3	GM62501	9000	240	3	1
GM64396- KA4	GM62502	9000	380	3	1
GM64396- KA5	GM62498	9000	480	3	1
GM64396- KA6	GM62509	9000	208	1	2
GM64396- KP1	GM62499	9000	240	1	2
GM64396- KP2	GM62500	9000	480	1	3
GM64396- KP3	GM62501	9000	240	3	1
GM64396- KP4	GM62502	9000	380	3	1
GM64396- KP5	GM62498	9000	480	3	1
GM64396- KP6	GM62509	9000	208	1	2
GM64397- KA1	GM62499	9000	240	1	2
GM64397- KA2	GM62501	9000	240	3	2
GM64397- KA3	GM62502	9000	380	3	1
GM64397- KA4	GM62498	9000	480	3	1
GM64397- KA5	GM62500	9000	480	1	3
GM64397- KA6	GM62509	9000	208	1	2
GM64397- KP1	GM62499	9000	240	1	2
GM64397- KP2	GM62501	9000	240	3	2
GM64397- KP3	GM62502	9000	380	3	1
GM64397- KP4	GM62498	9000	480	3	1
GM64397- KP5	GM62500	9000	480	1	3
GM64397- KP6	GM62509	9000	208	1	2
GM64398- KA1	GM62499	9000	240	1	2
GM64398- KA2	GM62501	9000	240	3	1
GM64398- KA3	GM62502	9000	380	3	1
GM64398- KA4	GM62498	9000	480	3	1
GM64398- KA5	GM62500	9000	480	1	3
GM64398- KA6	GM62499	9000	240	1	2
GM64398- KA7	GM62501	9000	240	3	1
GM64398- KA8	GM62502	9000	380	3	1
GM64398- KA9	GM62498	9000	480	3	1
GM64398- KA10	GM62500	9000	480	1	3

## Specifications (Continued)

Block Heater Kit Number	Component	Watts	Voltage	Phase	Type
GM64398- KA11	GM62509	9000	208	1	2
GM64398- KA12	GM62509	9000	208	1	2
GM64398- KP1	GM62499	9000	240	1	2
GM64398- KP2	GM62501	9000	240	3	1
GM64398- KP3	GM62502	9000	380	3	1
GM64398- KP4	GM62498	9000	480	3	1
GM64398- KP5	GM62500	9000	480	1	3
GM64398- KP6	GM62499	9000	240	1	2
GM64398- KP7	GM62501	9000	240	3	1
GM64398- KP8	GM62502	9000	380	3	1
GM64398- KP9	GM62498	9000	480	3	1
GM64398- KP10	GM62500	9000	480	1	3
GM64398- KP11	GM62509	9000	208	1	2
GM64398- KP12	GM62509	9000	208	1	2
GM74160- KA1	GM62511	6000	240	1	2
GM74160- KA2	GM62512	6000	480	1	3
GM74160- KA3	GM62513	6000	240	3	1
GM74160- KA4	GM62514	6000	380	3	1
GM74160- KA5	GM62510	6000	480	3	1
GM74160- KA6	GM77835	6000	208	1	2
GM75287- KA1	GM62511	6000	240	1	2
GM75287- KA2	GM62512	6000	480	1	3
GM75287- KA3	GM62513	6000	240	3	1
GM75287- KA4	GM62514	6000	380	3	1
GM75287- KA5	GM62510	6000	480	3	1
GM75287- KA6	GM77835	6000	208	1	2
GM111086- KA1	GM62511	6000	240	1	2
GM111086- KA2	GM62512	6000	480	1	3
GM111086- KA3	GM62513	6000	240	3	1
GM111086- KA4	GM62510	6000	480	3	1
GM111086- KA5	GM77835	6000	208	1	2
GM111086- KA6	GM62514	6000	380	3	1

# Wiring Diagram



GM62498V-

## Dimensions and Weights

Block heater type 1 and type 3 size, L x W x H, mm (in):

493.9 x 298.5 x 436.7 (26.53 x 10.4 x 12.9)

Block heater type 2 size, L x W x H, mm (in):

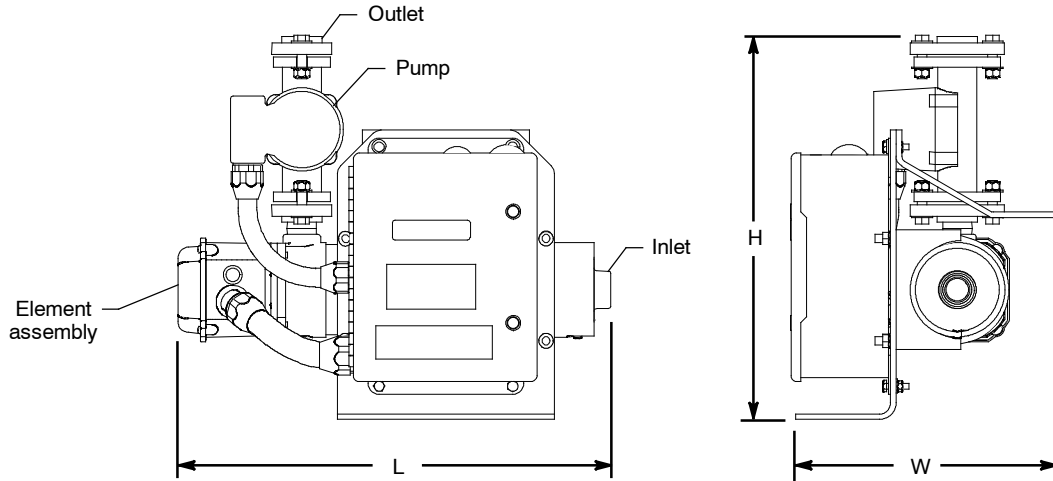
493.9 x 297.7 x 378.8 (26.53 x 11.7 x 14.9)

Block heater type 1 and 3 weight, kg (lb):

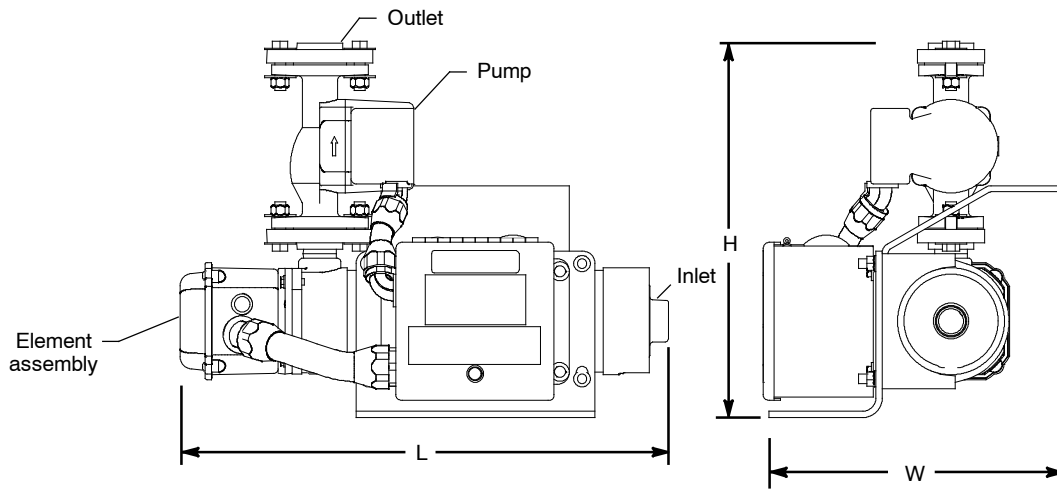
24.5 (54)

Block heater type 2 weight, kg (lb):

16.8 (37)



Type 1 and Type 3



Type 2

GM62498V-D



KOHLER CO., Kohler, Wisconsin 53044 USA  
Phone 920-457-4441, Fax 920-459-1646  
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