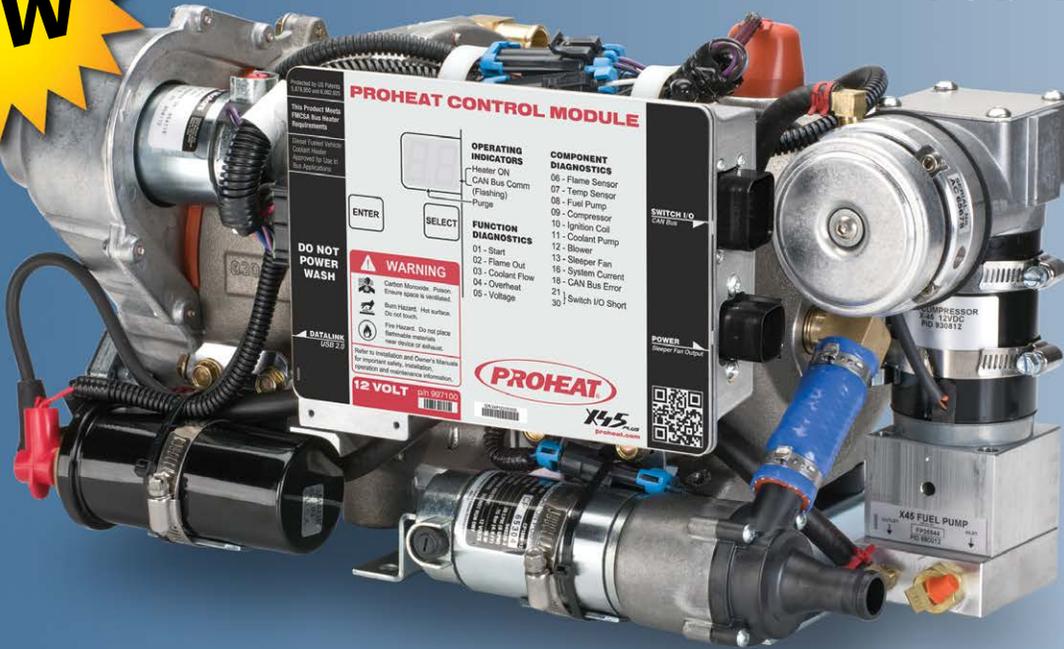


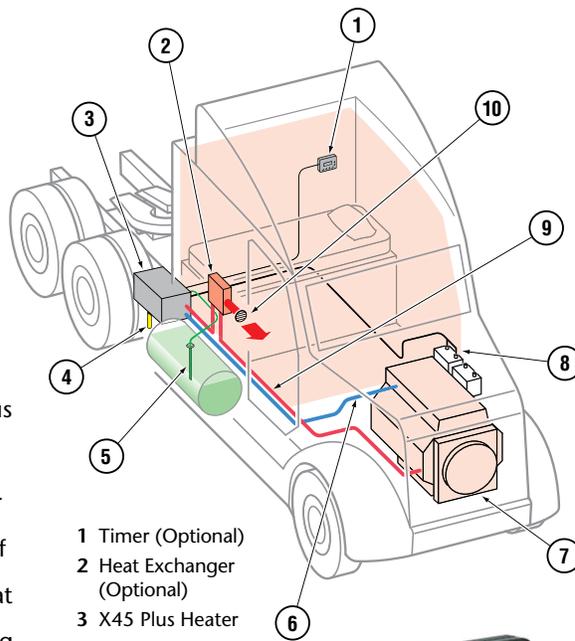
NEW

THE COOLANT HEATER OF CHOICE FOR TRUCKS



POWERFUL AND RUGGED AUXILIARY COOLANT HEATER FOR EASY COLD WEATHER STARTS

Proheat X45 Plus is a powerful, diesel-powered engine pre-heating solution for quick and reliable cold weather starting. An integrated pump circulates heated coolant to warm the engine block, making starting easier and reducing start-up engine wear. Proheat X45 Plus features an onboard control panel that displays heater status, while an optional digital timer for the cab adds convenient timer-based starting of the heater. Proheat X45 Plus can also direct heat to the truck cab for driver comfort while reducing fuel costs and emissions from unnecessary engine idling. With more than 20 years in the field, its rugged and field serviceable design has proven reliable in even the most extreme temperatures.



- 1 Timer (Optional)
- 2 Heat Exchanger (Optional)
- 3 X45 Plus Heater
- 4 Exhaust
- 5 Fuel Pick-Up
- 6 Coolant Return
- 7 Heated Engine
- 8 Electrical Connection
- 9 Warmed Coolant
- 10 Heated Cab Air



Optional Timer

AT A GLANCE

COOLANT HEATER FEATURES

- 45,000 BTU (13kW)
- Electronic controller has flexible control options for more applications
- Integrated coolant pump
- Mounting options for all truck configurations
- Two year parts and labor warranty

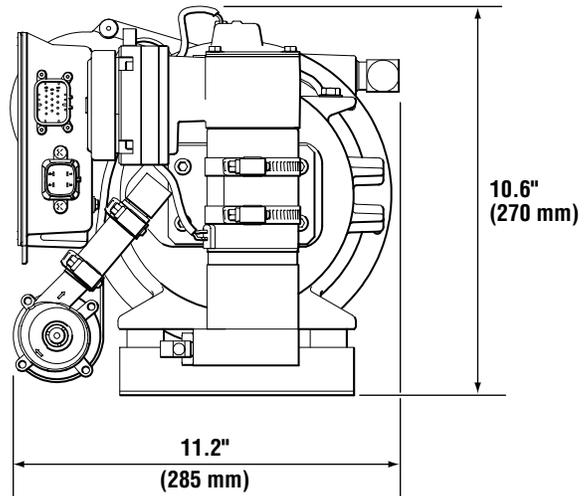
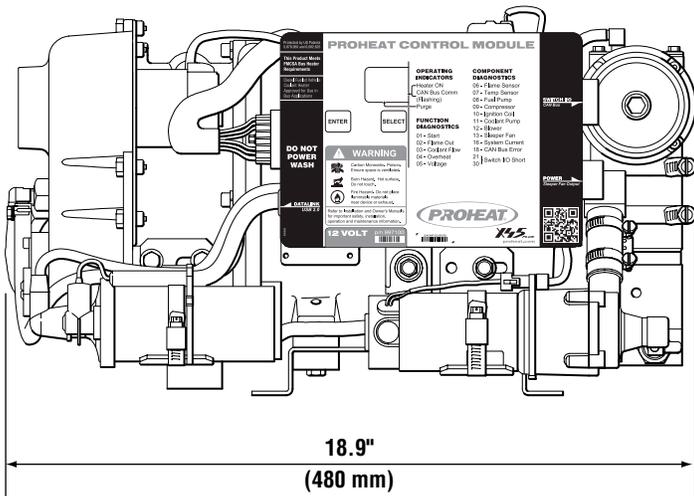
NEW FEATURES

- Next generation PCM controller
- J1939 CAN bus
- New operating modes to save battery power and fuel
- USB2.0 Datalink connection
- Field programmable controller



X45 PLUS

SPECIFICATIONS



MODEL	X45 PLUS-12	X45 PLUS-24
RATING	45,000 BTU (13 kW)	
OPERATING VOLTAGE RANGE	10.0 – 15 VDC	20 – 30 VDC
CURRENT (Nom.)	7.5 Amps	3.75 Amps
FUEL CONSUMPTION (Average to Maximum)	0.1 – 0.45 gal/hr. (0.4 – 1.7 L/hr.)	
COOLANT FLOW	8.0 gal/min. (30 L/min.)	
COOLANT TEMPERATURE (at heater)	150 to 185 °F (65 to 85 °C)	
OPERATING TEMPERATURE RANGE	- 40 to 122 °F (- 40 to 50 °C)	
FUEL TYPES	Diesel (ULSD #1, #2 and Arctic Blend), Kerosene (K-1), Jet (A, A-1 and JP8), Bio fuels (up to B20)	
IGNITION TYPE	Electronic spark ignition	
HEAT EXCHANGER CAPACITY	1 quart (.95 litre)	
WEIGHT heater only with enclosure	40 lb (18 kg) 55 lb (25 kg)	
DIMENSIONS – HEATER (L x W x H)	18.9 x 11.2 x 10.6 inches (480 x 285 x 270 mm)	
DIMENSIONS – ENCLOSURE (L x W x H)	20.2 x 12.3 x 10.6 inches (513 x 313 x 270 mm)	
WARRANTY	Two years parts and labor	

Please Note: Specifications are subject to change without notice.



Enclosure (diamond plate)



Electronic Controller

PROHEAT X45 PLUS KITS

BASIC HEATER WITHOUT ALUMINUM ENCLOSURE BOX	PART NUMBER	
BASIC HEATER Electronic controller, coolant pump, mounting base	12V: PH0405P	24V: PH0406P

STANDARD HEATER KIT FOR ENGINE HEAT	PART NUMBER	
FULL KIT Includes: Items 1, 2 and 3.	12V: PH0403P	24V: PH0404P
1. BASIC HEATER ONLY Electronic controller, coolant pump, mounting base	12V: PH0405P	24V: PH0406P
2. INSTALLATION KIT ONLY Power wire harness, fuel pick-up and hose, control wire harness, toggle switch, exhaust pipe, nuts, bolts, washers for mounting	12/24V: PK0312	
3. ALUMINUM ENCLOSURE BOX ONLY (diamond plate)	PK0200	

TRUCK HEATER KIT FOR ENGINE AND SLEEPER HEAT (12V)	PART NUMBER	
FULL KIT Includes: Items 1, 2, 3 and 4.	PH0401P	
1. BASIC HEATER ONLY Electronic controller, coolant pump, mounting base	PH0405P	
2. INSTALLATION KIT ONLY Power wire harness, fuel pick-up and hose, control wire harness, toggle switch, exhaust pipe, nuts, bolts, washers for mounting	PK0312	
3. ALUMINUM ENCLOSURE BOX ONLY (diamond plate)	PK0200	
4. SLEEPER CONTROL KIT ONLY Thermostat, Isolator, Harness	PK0052	



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