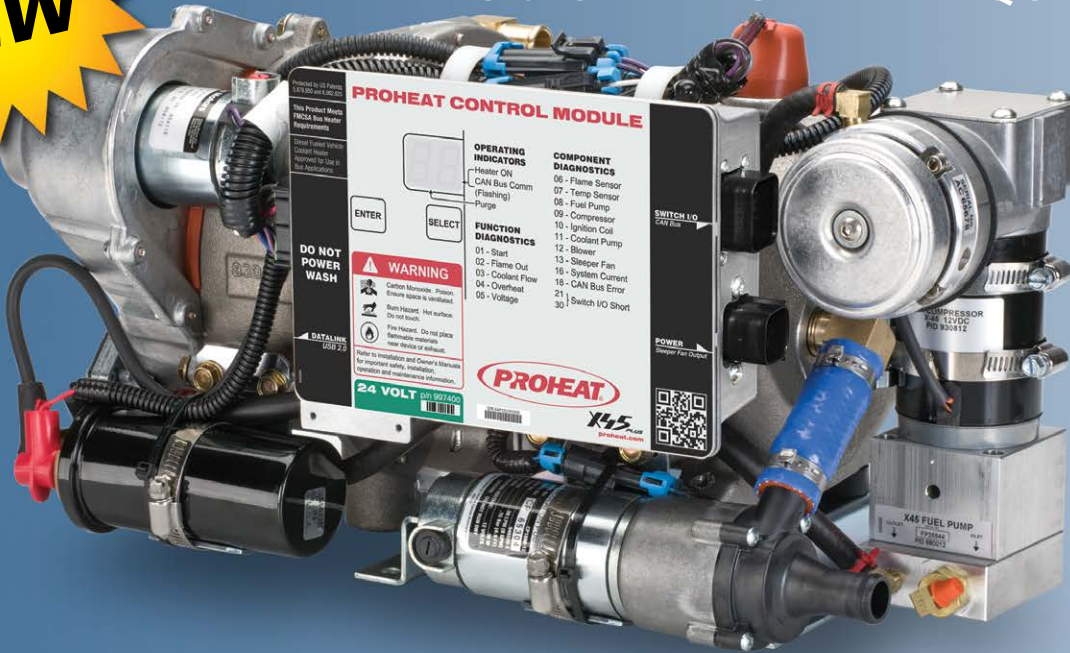




X45 PLUS

NEW

THE COOLANT HEATER OF CHOICE FOR OFF-HIGHWAY EQUIPMENT

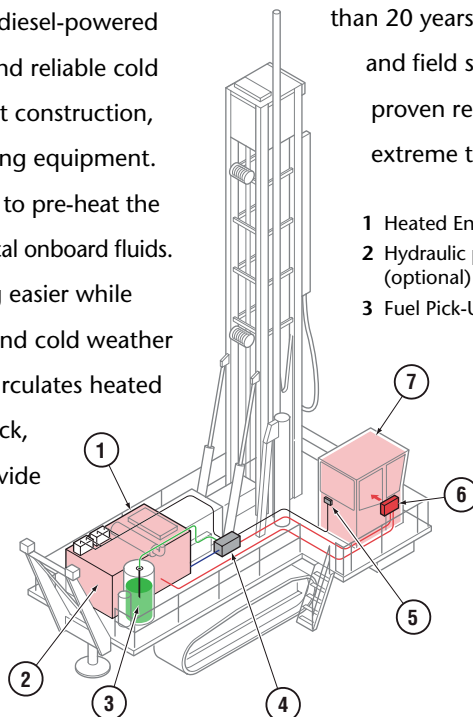


POWERFUL AND RUGGED AUXILIARY COOLANT HEATER FOR OFF-HIGHWAY EQUIPMENT

Proheat X45 Plus is a powerful, diesel-powered pre-heating solution for quick and reliable cold weather starting of 12 or 24-volt construction, logging, oilfield, drilling or mining equipment. This versatile heater can be used to pre-heat the engine or prevent freezing of critical onboard fluids. Proheat X45 Plus makes starting easier while reducing start-up engine wear and cold weather troubles. An integrated pump circulates heated coolant to warm the engine block, hydraulic fluid, fuel tank, or provide additional heat for operator comfort. Proheat X45 Plus features an onboard control panel that displays heater

status, while an optional digital timer can mount next to the operator to provide convenient timer-based starting of the heater. With more

than 20 years in the field, its rugged and field serviceable design has proven reliable in even the most extreme temperatures.



- 1 Heated Engine
- 2 Hydraulic probes (optional)
- 3 Fuel Pick-Up
- 4 X45 Plus Heater
- 5 Timer (optional)
- 6 Heat Exchanger (optional)
- 7 Heated Cab



Optional Timer

AT A GLANCE

COOLANT HEATER FEATURES

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

NEW FEATURES

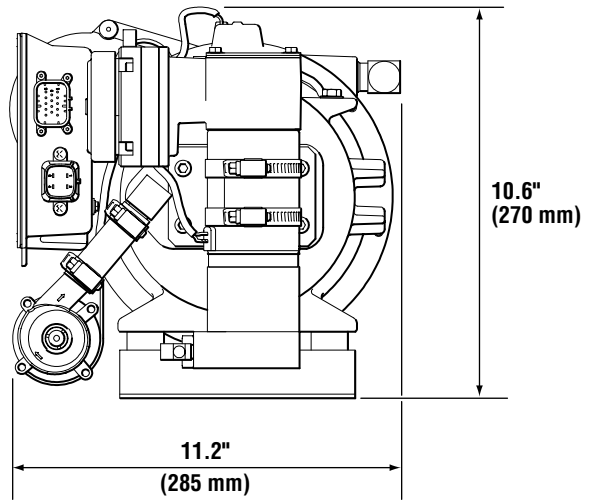
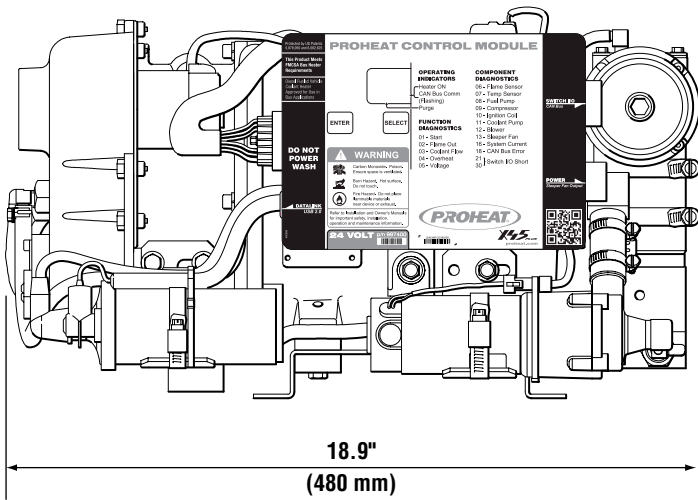
- Next generation PCM controller
- J1939 CAN bus
- New operating modes to save battery power and fuel
- USB2.0 Datalink connection
- Field programmable controller





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 (Standard temperature profile, additional profiles available under Coolant Temperature)	- 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 (.98 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.

PROHEAT X45 PLUS OFF-HIGHWAY 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: PH0405PC	24V: PH0406PC
1. BASIC HEATER ONLY	12V: PH0405P	24V: PH0406P
2. INSTALLATION KIT ONLY Power wire harness, fuel pick-up and hose, control wire harness, exhaust system, nuts, bolts and washers for mounting	12/24V: PK0312	
3. ALUMINUM ENCLOSURE BOX ONLY (smooth metal)	PK0202	



Optional Enclosure (diamond plate)



Electronic Controller



Enclosure (smooth metal)

Proheat is registered trademark of Marine Canada Acquisition Inc. and its subsidiary companies.



Designed and Manufactured in North America

