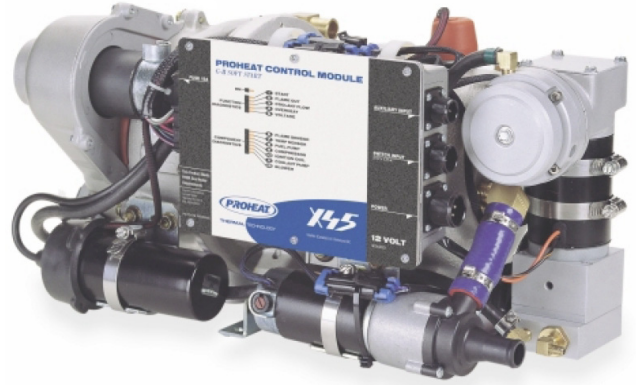




Proheat X-45

Heat Output:	45,000 btu
Fuel Consumption:	.32 gal/hr
Voltage:	Specify either 12 or 24 volt DC
Power Consumption (12v): Full:	7.5 amps
Dimensions:	L 19.5" x W 10.75" x H 10.75" (490mm x 270mm x 270mm)



The **X-45** hydronic heater offered by **Proheat** will heat up to a 48 foot sailboat or a 47 foot powerboat. The **X-45** utilizes 3/4" water hose to deliver heated coolant to fan heaters throughout the boat. The **X-45** uses a 1-1/2" rigid exhaust system, and a 1/4" supply fuel system. The **X-45** is available in 12 or 24 volts.

The **SMS** installation kit features:

o Surewire Water

The Surewire Water board puts all electrical connections into one place making installation and troubleshooting of your heater easier than ever before. Features include:

- o Ready for hassle free **thermostat** wiring
Up to **four zones!**
- o Domestic water heater control wiring
- o Easy to add **engine heat** control
- o **Hour meter** to track run time of the heater
- o Comes with **protective cover** and backing plate
- o **Breaker protection** of heater in one convenient place

o 316 Series Stainless Double Wall Thru Hull Fitting

o Heavy Duty Exhaust Insulation

o Marine Installation Manual

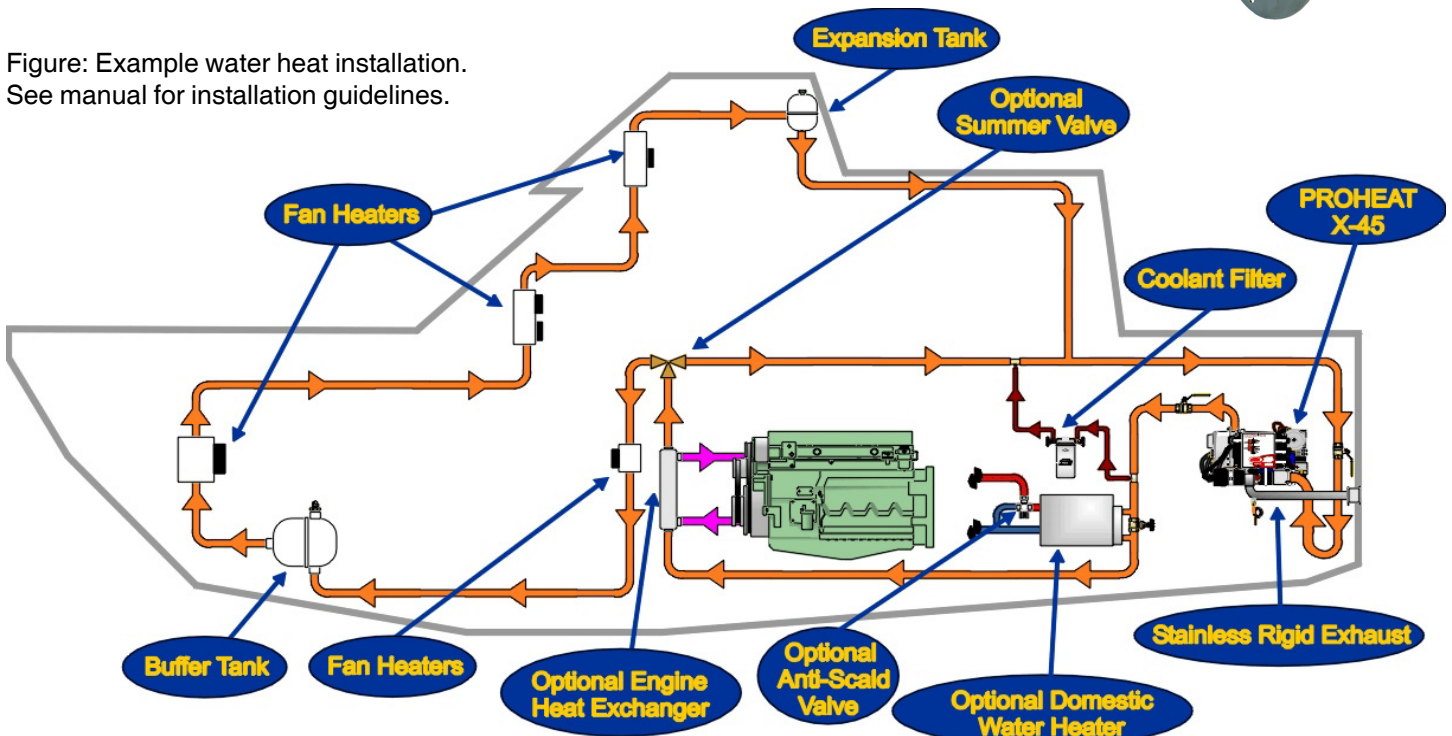
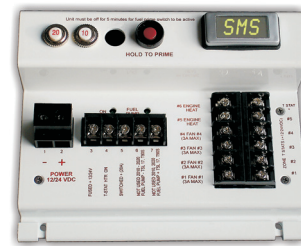


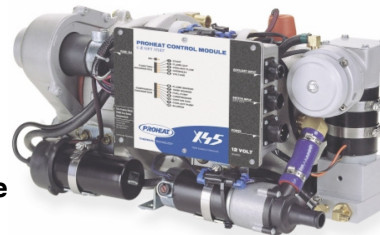
Figure: Example water heat installation. See manual for installation guidelines.

Marine Heating Price List

Please note, the prices listed are in U.S. Dollars.

Proheat X-45

Proheat Model X-45 45,000 BTU Heater Kit
Basic Boat Hydronic Heater Installation Kit with Sure



Part #	Item Description	Quantity	Price Per	Price Total
Heater Equipment				
PH0405	Proheat X-45 Diesel Hydronic Heater 45,000 Btu 12v Marine Installation Manual	1 each	\$2,438.30	\$2,438.30
002-806	Proheat Surewire Kit	1 each	\$506.24	\$506.24
Electrical Equipment				
SC1600L-BLACK	Digital Room Thermostat	1 each	\$57.46	\$57.46
W005-378K	On/off Switch Kit	1 each	\$22.96	\$22.96
75135K-30	Main Power Breaker Kit	1 each	\$16.14	\$16.14
W005-213-KIT	3/4" Inline Fan Aquastat	1 each	\$33.09	\$33.09
Exhaust Equipment				
W002-109	1-1/2" S/S 316 Grade S/S Thru Hull FTG W/GSKTS	1 each	\$150.85	\$150.85
W005-110	1-1/2" S/S 316 Grade Long 90 Exhaust ELL W/Drain	1 each	\$100.45	\$100.45
W001-214	1-1/2" S/S 316 Grade Rigid Exhaust Tube / Foot	4 feet	\$17.99	\$71.96
W002-780	1-1/2" S/S Exhaust Clamps	3 each	\$13.86	\$41.58
W001-441	Exhaust Insulation Blanket / Foot	5 feet	\$40.49	\$202.45
45050	High Temperature Exhaust Cement	1 pint	\$13.43	\$13.43
PERM-81878	High Temperature Silicone Sealer	1 tube	\$8.64	\$8.64
Fuel Equipment				
W11BVR-1/4	Garber Fuel Filter With Mount Bracket & Fittings	1 each	\$65.69	\$65.69
W005-913-1	1/4" S/S Fuel Pickup Tube with Return	1 each	\$85.65	\$85.65
001-449	1/4" A-1 Fuel Rated Hose	20 feet	\$3.35	\$67.00
PERM-80015	Permatex Form-A -Gasket #2, 1.5 oz Tube	1 each	\$3.32	\$3.32
Water System Equipment				
WSMS-0092010	Water Conditioner Kit	1 each	\$153.87	\$153.87
W002-105B	SMS 5 gal. Steel Buffer Tank Kit	1 each	\$196.37	\$196.37
W002-103	SMS 2-1/2 Gallon Steel Expansion Tank Kit	1 each	\$193.50	\$193.50
001-453	3/4" Webasto System Hose / Foot	100 feet	\$2.83	\$283.00
002-621S	3/4" Shut Off Valve W/Hose Spuds	2 each	\$18.58	\$37.16
001-394K	Drain Valve Kit	1 each	\$24.25	\$24.25
CLA-012	#12 S/S Hose Clamps	24 each	\$1.73	\$41.52
PERM-80019	Permatex Form-A -Gasket #3, 4oz Tube	1 tube	\$6.77	\$6.77
AS05	FasSeal-ATS Anaerobic Thread Sealant with PTFE	1 each	\$25.58	\$25.58
001-840	Sta/Clean Antifreeze / Gallon	4 gallons	\$25.67	\$102.68
Fan Heater Equipment				
W002-6214	REAL Single 4" Outlet Fan Heater 7,000 Btu	1 each	\$288.69	\$288.69
W002-6424	REAL Dual 4" Outlet Fan Heater 14,000 Btu	1 each	\$365.72	\$365.72
W002-6414	REAL Single 4" Outlet Fan Heater 14,000 Btu	1 each	\$333.01	\$333.01
W002-6013	REAL Single 3" Head Fan Heater 3,500 Btu	1 each	\$232.57	\$232.57
W002-911.36	Fan Heater Two Speed Switch & Plate .36 amp	2 each	\$29.98	\$59.96
W002-911.70	Fan Heater Two Speed Switch & Plate .70 amp	2 each	\$32.49	\$64.98

May-12

Retail Price FOB Seattle

\$6,294.84

Price subject to change without notice

This is a generic kit that contains most parts that are likely needed for installation but, as with all Sure Marine Service kits, parts may be added or subtracted to suit your particular installation requirements.



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