



# 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

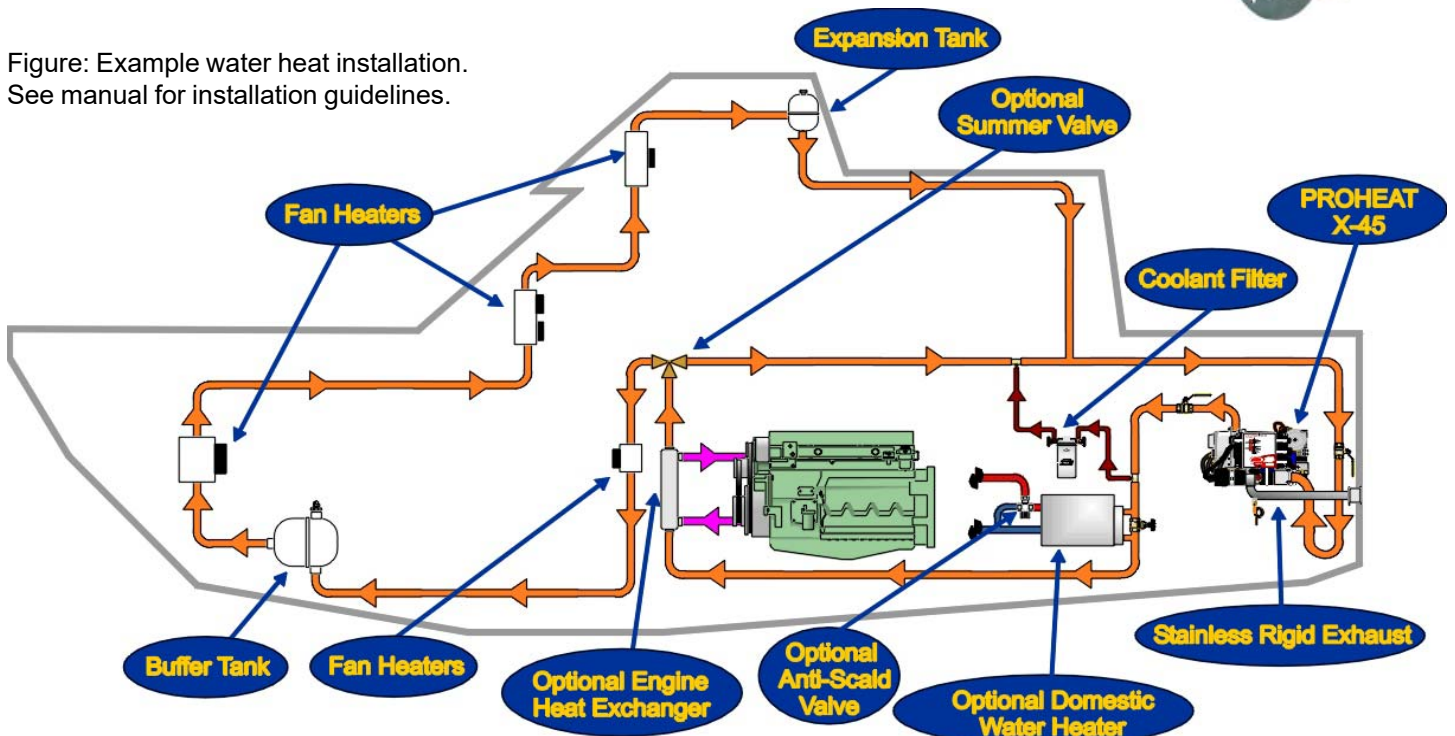
The Surewire Water board puts all electrical connections into one place making installation and troubleshooting of your heater easier than ever before. Features include:

- 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 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 SureWire



Part #	Item Description	Quantity	Price Per	Price Total
<b>Heater Equipment</b>				
PH0405P	Proheat X-45 Diesel Hydronic Heater 45,000 Btu 12v Marine Installation Manual	1 each	\$3,769.40	\$3,769.40
002-806	Proheat Surewire Kit	1 each	\$771.51	\$771.51
<b>Electrical Equipment</b>				
SC1600L-Black	Digital Room Thermostat	1 each	\$123.39	\$123.39
W005-370K-12-BLK	VIMAR On/off Switch Kit	1 each	\$45.22	\$45.22
75135K-30	Main Power Breaker Kit	1 each	\$19.83	\$19.83
W005-213-KIT	3/4" Inline Fan Aquastat	1 each	\$33.95	\$33.95
<b>Exhaust Equipment</b>				
W002-109	1-1/2" S/S 316 Grade S/S Thru Hull FTG W/GSKTS	1 each	\$213.26	\$213.26
W005-110	1-1/2" S/S 316 Grade Long 90 Exhaust ELL W/Drain	1 each	\$189.10	\$189.10
W001-214	1-1/2" S/S 316 Grade Rigid Exhaust Tube / Foot	4 feet	\$44.90	\$179.60
W002-780	1-1/2" S/S Exhaust Clamps	3 each	\$18.84	\$56.52
W001-441B-2FT	Exhaust Insulation Blanket Pads	1 pad	\$107.70	\$107.70
W001-441B-3FT	Exhaust Insulation Blanket Pads	1 pad	\$161.56	\$161.56
45050	High Temperature Exhaust Cement	1 pint	\$18.87	\$18.87
PERM-81878	High Temperature Silicone Sealer	1 tube	\$14.57	\$14.57
<b>Fuel Equipment</b>				
W11BVR-1/4	Garber Fuel Filter With Mount Bracket & Fittings	1 each	\$113.84	\$113.84
W005-913-1-KIT	1/4" S/S Fuel Pickup Tube with w/Weldless Bushing Kit	1 each	\$156.11	\$156.11
001-449	1/4" A-1 Fuel Rated Hose	20 feet	\$3.12	\$62.40
<b>Water System Equipment</b>				
WSMS-0092010-HB	Water Conditioner Kit	1 each	\$309.72	\$309.72
W002-105AB-HB	SMS 5 Gallon Aluminum Buffer Tank	1 each	\$333.22	\$333.22
W002-103A-HB	SMS 2-1/2 Gallon Aluminum Expansion Tank Kit	1 each	\$425.87	\$425.87
001-395	Plastic Overflow Tank Kit for Hydronic System	1 each	\$26.34	\$26.34
001-453-100	3/4" Webasto System Hose - 100 Foot Box	1 each	\$582.40	\$582.40
002-621S-HB	3/4" Shut Off Valve W/Hose Spuds	2 each	\$30.66	\$61.32
001-394K-HB	Drain Valve Kit	1 each	\$56.44	\$56.44
6712M51	#12 S/S Hose Clamps	24 each	\$3.24	\$77.76
PERM-80019	Permatex Form-A-Gasket #3, 4oz Tube	1 tube	\$10.17	\$10.17
AS05	FasSeal-ATS Anaerobic Thread Sealant with PTFE	1 each	\$45.05	\$45.05
001-840	Sta/Clean Antifreeze / Gallon	4 gallons	\$45.96	\$183.84
<b>Fan Heater Equipment</b>				
RL6424-12-HB	REAL Dual 4" Outlet <b>Salon</b> Fan Heater	1 each	\$595.27	\$595.27
RL6414-12-HB	REAL Single 4" Outlet <b>Master Stateroom</b> Fan Heater	1 each	\$545.85	\$545.85
RL6214-12-HB	REAL Single 4" Outlet <b>Stateroom</b> Fan Heater	1 each	\$458.43	\$458.43
RL6013-12-HB	REAL Single 3" <b>Head</b> Fan Heater	1 each	\$355.70	\$355.70
W002-913.36-Sq	<b>Head</b> Fan Heater Two Speed Switch & Plate .36 amp - HI/OFF/LOW	1 each	\$54.10	\$54.10
W002-914.36-Sq	Fan Heater Two Speed Switch & Plate .36 amp - HI/LOW - No Off	1 each	\$53.73	\$53.73
W002-914.70-Sq	Fan Heater Two Speed Switch & Plate .70 amp - HI/LOW - No Off	2 each	\$56.41	\$112.82

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**Retail Price FOB Seattle**

**Price subject to change without notice**

**\$10,324.86**

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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