INSTRUCTIONS FOR INSTALLING AND OPERATING CIRCULATING TANK HEATERS

Caution

To obtain satisfactory results from your external type heater, please read the following information carefully.

Check application guide before installing heater. This is not a universal heater. It is designed to work in listed applications only.

Using any heater or any additive to the coolant could shorten the life of the heater.

Do not use a Kat's engine heater when using a 100% solution of anti-freeze.

After the heater has been installed according to instructions, have your service station, garage or a trained technician check your anti-freeze solution. On permanent type anti-freeze, a solution too strong as well as too weak will freeze. If your coolant congeals, it will stop the flow of liquid through the heater housing and hoses and cause the heater to burn out. Our heater guarantee is void when this happens or when there is evidence of inadequate coolant.

To obtain maximum protection from freezing, consult your antifreeze manufacturer's recommendations.

Five Star Manufacturing reserves the right to make any changes to the design or appearance it deems necessary to any of its products at anytime without notification, and these changes will not obligate Five Star to replace or change any previously manufactured products.

Warning

This unit is to be used to heat engine coolant only. If used to heat any other liquid, particularly petroleum based products; it may result in an explosion and or fire. Outside of heater will achieve very high temperatures; it could burn the skin if touched. Keep all combustible material at least 1 foot from heater.

This heater is sold as a complete unit. Do not attempt to service unit.

OPERATION

This unit operates on the principle of thermostyphoning. There is no mechanical pump contained in this unit. This unit boils the coolant and this action will move water from the top of the heater into the engine block and continue to circulate the coolant until it reaches a temperature of at least 150 degrees.

TANK HEATER INSTALLATION PROCEDEURES

Note: Do NOT begin installation until you have reviewed and understand the preceding warnings and cautions.

Do not drain engine coolant or cut any hoses until:

1) In returning heater for replacement or repair, include all the information possible as to what may have caused the trouble. Check the extension cord. In some cases it has been faulty. All returned heaters must be labeled and identified with warranty tags.

2) Service charges will be made on units which:

A) Were burned in air (operated without heating element being immersed in water or coolant
B) Failed due to restricted circulation, improper installation, air pockets in hose lines, or dirty cooling system.
C) Are damaged through no fault of the manufacturer
D) Failure due to installation on other than recommended vehicles.
E) Are not defective

3) Five Star Manufacturing cannot and does not refund labor.

4) Before returning any item to Five Star obtains an RGA# from the company.

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