

COPPERHEART SRCC OG-300 LABEL SET

The following labels must be attached to the relevant valves in the system in order for it to be considered OG-300 compliant. This page should be laminated, each label cut from it, punched in the margin at the left hand side and affixed to the appropriate valve with a wire tie, plastic ties are inappropriate due to high operating temperatures. Failure to affix these labels will void the SRCC OG-300 system certification.

SunEarth CopperHeart ICS units may be safely installed in areas within the continental United States that experience mild winter climates. Because of the large volume of water in the unit the CopperHeart does not readily freeze. The CopperHeart, however, is susceptible to freeze damage if installed in any location where local temperatures have ever fallen to:

10° F for 6 consecutive hours, or

20°F for 18 consecutive hours

When these environmental conditions are met or exceeded the unit must be manually drained in accordance with the instructions found in Section 6 of your CopperHeart Installation, Operation and Maintenance Manual. Failure to do so will void the warranty coverage.

Freeze tolerance limits are based upon an assumed set of environmental conditions. Extended periods of cold weather, including ambient air temperatures above the specified limit may cause freezing in exposed parts of the system. It is the system owner's responsibility to protect the CopperHeart ICS and piping in accordance with Sun Earth's guidelines in the CopperHeart Installation, Operation and Maintenance Manual if the air temperature is anticipated to approach the specified freeze tolerance limit.

FREEZE PROTECTION

THE COPPERHEART ICS MUST BE MANUALLY DRAINED IN ACCORDANCE WITH THE INSTRUCTIONS IN THE COPPERHEART INSTALLATION, OPERATION AND MAINTENANCE MANUAL IF THE STATED FREEZE TOLERANCE LIMITS ARE MET OR EXCEEDED. THESE LIMITS ARE:

10° F FOR 6 CONSECUTIVE HOURS OR

20°F FOR 18 CONSECUTIVE HOURS.

CONSULT SECTION 6 OF YOUR MANUAL FOR COLD WEATHER DRAINING PROCEDURES

VALVE 7 COLD WATER SUPPLY ISOLATION VALVE

THIS VALVE IS NORMALLY OPEN AND ALLOWS POTABLE WATER TO FILL THE COPPERHEART AND SUPPLEMENTAL WATER HEATER. WHEN CLOSED THE COPPERHEART AND SUPPLEMENTAL WATER HEATER ARE ISOLATED FROM THE PRESSURIZED CITY COLD WATER SUPPLY LINE PIPING.

VALVE 5A *DRAIN VALVE*

THESE BRASS BOILER DRAINS ARE NORMALLY CLOSED AND CAPPED. USE THESE VALVES TO DRAIN THE COPPERHEART ICS. ATTACH A GARDEN HOSE TO BOTH DRAIN VALVES. TERMINATE THE HOSES IN EITHER A SERVICE BASIN OR AN APPROPRIATE SPOT OUTSIDE THE HOUSE. OPEN BOTH BOILDER DRAINS AT ONCE TO DRAIN THE UNIT.

BE EXTREMELY CAREFUL WHEN DRAINING THE HOT WATER FROM THE COPPERHEART ICS. THE WATER MAY BE DISCHARGED AT A VERY HIGH TEMPERATURE.

VALVE 5B *DRAIN VALVE*

THESE BRASS BOILER DRAINS ARE NORMALLY CLOSED AND CAPPED. USE THESE VALVES TO DRAIN THE COPPERHEART ICS. ATTACH A GARDEN HOSE TO BOTH DRAIN VALVES. TERMINATE THE HOSES IN EITHER A SERVICE BASIN OR AN APPROPRIATE SPOT OUTSIDE THE HOUSE. OPEN BOTH BOILDER DRAINS AT ONCE TO DRAIN THE UNIT.

BE EXTREMELY CAREFUL WHEN DRAINING THE HOT WATER FROM THE COPPERHEART ICS. THE WATER MAY BE DISCHARGED AT A VERY HIGH TEMPERATURE.