

Typical Series Plumbed – Recommended Parts

Heater

The SCH25 and H2 heaters are usually series plumbed. In general, the SCH-25 is suitable for power boats up to 40 feet, the H2 up to 50 feet. Up to 6 fans can be series plumbed. The H2L which can heat up to a 65 foot boat is best to use a manifold system. With sailboats even larger lengths can be accommodated. Of course cubic feet of space, level of insulation and number of windows are the determining factors.

Expansion Tank

An expansion tank and overflow bottle must be used in the heating system. The preferred tank is the 6" model for the SCH25 because of the increased fluid volume. Both the 4" and 6" are fine with the H2 and H2L models. Expansion tanks are available in horizontal and vertical models. For the H2L model the larger 4 quart overflow bottle should be used.

Circulation Pump

The preferred pump is the March Mag Drive (Part No. 16018). Multiple pumps may be require in the Model 65 system and should be controlled through a separate relay. A 115 VAC pump can be used in high usage (over 1,000 hours per year) systems (Part No. 16019 and Part No. 16023) by using an AC/DC relay.

Exhaust System

The typical exhaust system consists of a length of exhaust pipe (Part No. 5133 for SCH-25 and H2; Part No. 5134 for H2L), a standard muffler (Part No. 13008 and Part No. 13009) or an extended muffler (Part No. 13008L and Part No. 13018) and a variety of thru-hull fittings (Part Nos. 5148-5167).

Air Handlers

On the average the SCH-25 heater can handle up to four air handlers, the H2 can handle up to six air handlers and the H2L can handle up to eight air handlers (may require a second circulation pump or a high flow pump) — Part Nos. 6002, 6093, 6094 - 6096.

Zone Controls

Every HURRICANE® heater is delivered with the capability of handling up to four thermostats. Each zone may have multiple fans and fan speed controls are available for each zone. An extra zone board is available for 3 additional thermostatically controlled space heating zones.

Accessories

Each system can use a variety of additional accessories. Engine heat exchangers allow the use of engine waste heat. The domestic water heat exchanger can provide continuous hot water when used with a SCH-25 and larger heater. The heater control board has a W-W circuit, which can control the domestic the domestic water function and can be controlled by a manual switch and/or an aquastat. Your ITR HURRICANE® representative can help you specify the accessories that the installation requires.