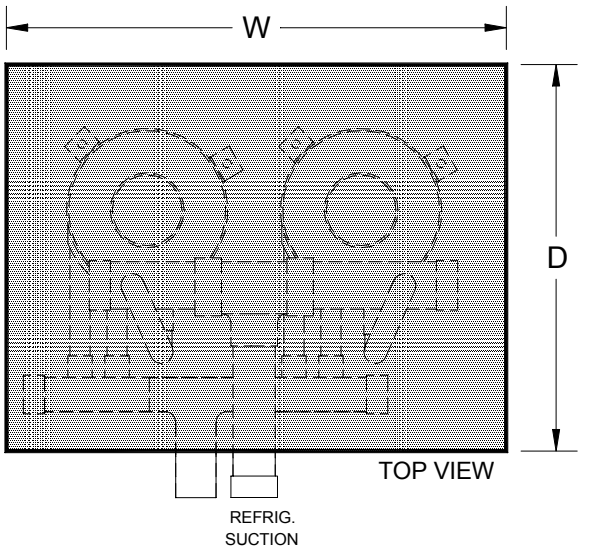
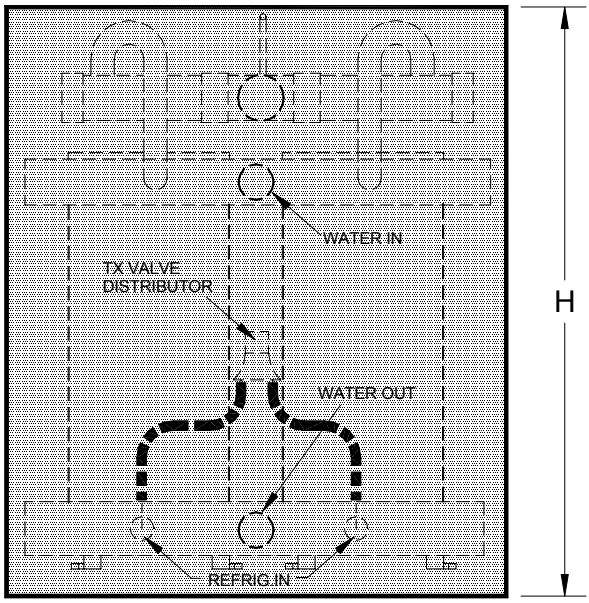
HANWEST PTY LTD
SPECIALISED COMPONENTS FOR AIR CONDITIONING & REFRIGERATION
ABN 49 003 452 551

AQUA SYSTEMS INC. Heat Exchangers ™

AQUA SYSTEMS "S-*/2HLC" SERIES LIQUID CHILLING EVAPORATORS FOR CHILLED WATER OR LOW TEMPERATURE BRINE APPLICATIONS.





SIDE VIEW

Note: Above model shown with optional insulated casing.

DESCRIPTION.

Hanwest aqua systems "S-/2HLC" series liquid chilling evaporators are a direct expansion co-axial coil in shell heat exchanger. Suitable for chilling water or brines for industrial process liquid cooling or for air conditioning applications. Their compact size makes them ideally suited for use in packaged liquid chillers.

Models are available with copper water tubes or 90/10 cupro nickel tubes for brine or salt water applications.

Available in capacities from 28 kW to 44 kW with two refrigerant circuits. They may be installed with a single or two condensing units.

FEATURES.

Water tubes are finned on the refrigerant side for maximum surface extension with internal rifle bore on the water side resulting in highly effective water turbulence providing high heat exchange between refrigerant and water.

Compact size due to the unique design provides high efficiency heat exchange even at low water flows.

No internal joints as a continuous spiral formed water tube is provided for each circuit.

Freeze cleanable easily drainable water tubes do not require chemicals for scale removal. After ensuring that all water is drained from the tubes, freeze cleaning as detailed in the instructions supplied can be carried out. This is the most effective, fast and safe low cost method of cleaning water tubes.

Model	Nominal Cooling	Dimensions(mm)			Refrig. Conns.		Water Conns.	
		W	H	D	Liquid	Suction	In	Out
S-2/2HLC	14 kW	460	350	360	1/2" F Flare	19 ODS	32 ODS	32 ODS
S-3/2HLC	18 kW	460	400	360	1/2" F Flare	22 ODS	32 ODS	32 ODS
S-4/2HLC	24 kW	460	460	360	3/4" F Flare	29 ODS	32 ODS	32 ODS
S-5/2HLC	30 kW	460	500	360	3/4" ODS	29 ODS	38 ODS	38 ODS
S-6/2HLC	40 kW	460	540	360	7/8" ODS	29 ODS	38 ODS	38 ODS

Note: The nominal capacities shown above are for water chillers. For capacities for low temperature brine applications contact Hanwest office.