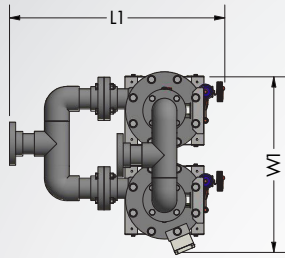


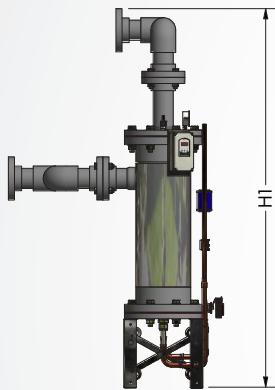


HYDROMARINE CHILLER 15 & 20 TONS - SPLIT

TITANIUM HEAT EXCHANGER FOR USE IN ALL AQUATIC CHILLING APPLICATIONS



EVAPORATOR PLAN VIEW



EVAPORATOR FRONT VIEW



CONDENSER DIMENSIONS

REMOVABLE TOP FOR EASY CLEANING

Ø3" UNION OR FLANGE CONNECTION OPTION INLET / OUTLET (TANGENTIAL INLET)

MANUAL AIR BLEED & PSI GAUGE

DIGITAL TEMPERATURE CONTROLLER CAN BE FIELD RELOCATED IF DESIRED

REFRIGERANT TXV, SIGHT GLASS & FILTER DRYER ASSEMBLY CAN BE SHIPPED LOOSE FOR FIELD INSTALLATION IF VERTICAL PIPE SET IMPEADS INSTALLATION.

INSULATED 8" SCH80 PVC SHELL W/ 316 SS JACKET & BASE FRAME

NOTES:

- VERIFY LINE SET TUBING DIAMETERS FOR RUN AND RISE PER CARRIER IOM
- DUAL COMPRESSOR/EVAPORATOR DESIGN FOR INCREASED ENERGY EFFICIENCY, FLOW CAPABILITY AND REDUNDANCY.
- Gr.2 TITANIUM TUBE HEAT EXCHANGER COILS
- NORMAL OPERATING AMBIENT AIR TEMPERATURE: 50 F - 115 F
- ALL CONDENSING UNITS HAVE EER OF 11 OR BETTER.
- TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR 48 INCHES MINIMUM
- AVOID PLACING UNIT IN DIRECT AREA OF ROOF RUNOFF OR CONSTANT WATER FLOW
- CONSULT *CARRIER* SPECIFIED CONDENSER CLEARANCES WHEN PLACING UNIT(S)
- SCH 80 PVC SHELL CONSTRUCTION WITH REMOVABLE FLANGED ENDS
- ALL 316 SS BASE, JACKET AND HARDWARE
- TEMPERATURE CONTROLLER CAN BE SET +/- 0.1° F/C. RECOMMENDED MINIMUM SETPOINT IS 45°F
- HAIL GUARD

OPTIONS:

- LOW AMBIENT MOTORMASTER KIT FOR OUTDOOR TEMPERATURES -0°F TO 55°F
- MARINE CONDENSER COATING FOR COASTAL APPLICATIONS
- LOW TEMP APPLICATION EVAPORATOR FREEZE GUARD
- NON-FUSED DISCONNECT
- 115V CONVENIENCE OUTLET

MODEL NUMBER	SPECIFICATIONS				DIMENSIONS (EVAP)			DIMENSIONS (CONDENSER)			POWER OPTIONS	
	Nominal Tonnage / BTUH	Vertical Air Discharge (CFM)	Δ PSI at max flow	Water Flow Range (GPM)	Length (L1)	Width (W1)	Max. Height (H1)	Length (L)	Width (W)	Max. Height (H)	208-230V / 3 ph. MCA	460V / 3 ph. MCA
DH-SC-15D	15 / 180 000	9 000	<5	160 - 300	38"	30"	66"	86"	48"	61"	65.6	32.1
DH-SC-20D	20 / 240 000	12 000	<5	160 - 300	38"	30"	66"	86"	67"	61"	73.7	40.8

*MCA is the highest steady-state electrical current that the unit should see when operating correctly

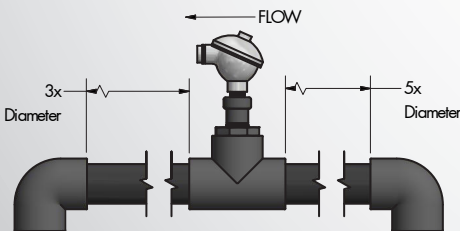
*Nominal Tonnage is based on entering water temperature of 70°C

FLOW SWITCH NOTE:

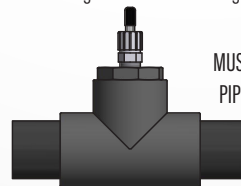
FLOW SWITCH MUST BE INSTALLED HORIZONTALLY ON INLET OF HEAT EXCHANGER, WITH MINIMUM STRAIGHT PIPE DISTANCES BEFORE AND AFTER AS SHOWN IN DRAWING. OPTIONAL FACTORY MOUNT & WIRE. (SHIPPED LOOSE)

THERMOWELL NOTE:

MUST BE INSTALLED ON INLET PIPING TO HEAT EXCHANGER. (SHIPPED LOOSE)



FIELD INSTALLED FLOW SWITCH



THERMOWELL



Delta Hydronics

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