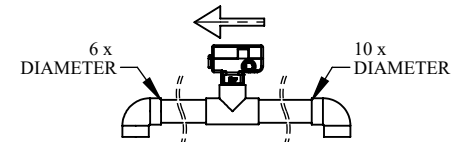
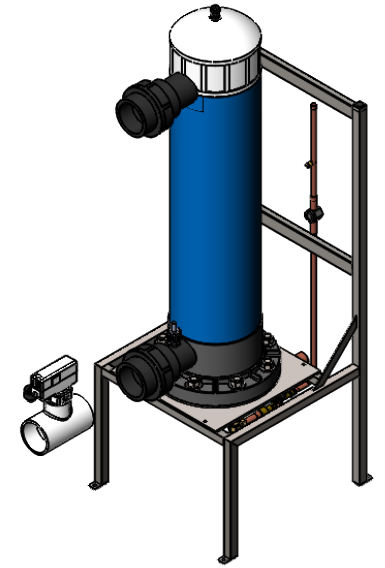
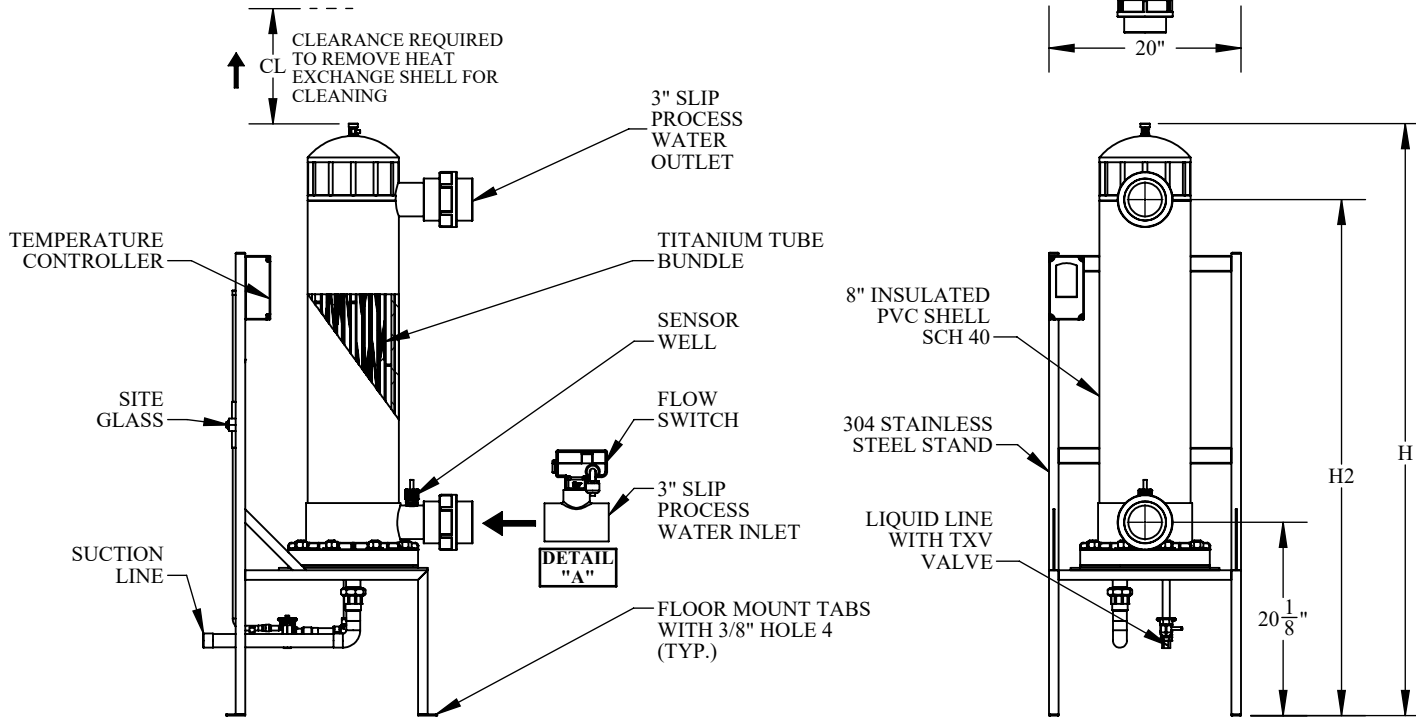


HX-120-DXHP THRU HX-240-DXHP SPECIFICATION

FOR INDOOR FRESH WATER AND SALT WATER APPLICATIONS



**** IMPORTANT! -DETAIL "A"**

· FLOW SWITCH MUST BE FIELD INSTALLED HORIZONTALLY WITH NO LESS THAN 10 TIMES THE DIAMETER OF STRAIGHT PIPE ON THE INLET SIDE AND NO LESS THAN 6 TIMES THE DIAMETER ON THE OUTLET SIDE.

*NOMINAL BTUH BASED ON R-410A REFRIGERANT, 45°F SUCTION TEMPERATURE, 100°F LIQUID TEMPERATURE AND 8-10°F SUPER HEAT.

OPTIONS:

- SCH 80 SHELL CONSTRUCTION.
- SPLIT SHELL FLANGE.
- 316 STAINLESS STEEL STAND AND HARDWARE.

HEAT EXCHANGER SPECIFICATIONS

MODEL NO.	TONS	**NOMINAL BTUH / KW	REFRIGERANT CONNECTION NO. OF CIRCUITS INLET / OUTLET (ODF)	WATER FLOW RATE (GPM)	H	H2	CL	SHIPPING DIMENSIONS (IN.)
HX-120-DXHP	10	120K / 35	1 @ 5/8" / 1 3/8"	140 / 180	62"	53.75"	46"	67 x 35 x 25
HX-150-DXHP	12.5	150K / 43.9	2 @ 1/2" / 1 1/8"	140 / 180	72"	64"	56"	73 x 35 x 25
HX-180-DXHP	15	180K / 51.2	1 @ 5/8" / 1 5/8"	140 / 180	80"	72"	64"	85 x 35 x 25
HX-240-DXHP	20	240K / 65.3	2 @ 1/2" / 1 3/8"	140 / 180	92"	84"	76"	97 x 35 x 25

NOTES:

- WATER INLET TEMPERATURE: MAX 90 °F. MINIMUM 40 °F.
- FOR WATER TEMPERATURE BELOW 55 °F USE THE NEXT LARGER HEAT EXCHANGER.
- FOR TEMPERATURES BELOW 50 F, USE LOW AMBIENT DISCHARGE HEAD PRESSURE FAN CONTROL.
- 50 PSI MAXIMUM WATER PRESSURE AND 500 PSI MAXIMUM REFRIGERANT PRESSURE.
- OUTDOOR MATCHED CONDENSING UNITS ALSO AVAILABLE.
- ALL DIMENSIONS ARE APPROXIMATE AND MAY CHANGE AT ANY TIME.
- FIELD WIRING: INSTALL 24V 18/4 AWG WIRE FROM OUTDOOR CONDENSING UNIT TO THE CONTROLLER ON INDOOR HEAT EXCHANGER.
- MODELS HX-150-DXHP AND HX-240-DXHP ARE AVAILABLE WITH REFRIGERANT SINGLE CIRCUIT.



9558 Camino Ruiz, San Diego, CA 92126

DRAWING # PDF-0041

SHEET TITLE

HX-120-DXHP THRU HX-240-DXHP SPECIFICATIONS

* COPYRIGHT *
These drawings including design idea and construction techniques herein are the sole property of Aqua Logic Inc. They shall not be revised, copied, or reproduced in any manner without the written consent of Aqua Logic Inc..

DESCRIPTION
DIRECT EXPANSION HEAT EXCHANGERS

DRAWN BY

DATE

4/28/2021

REVISION

SCALE

SHEET #

1:20

1 OF 1