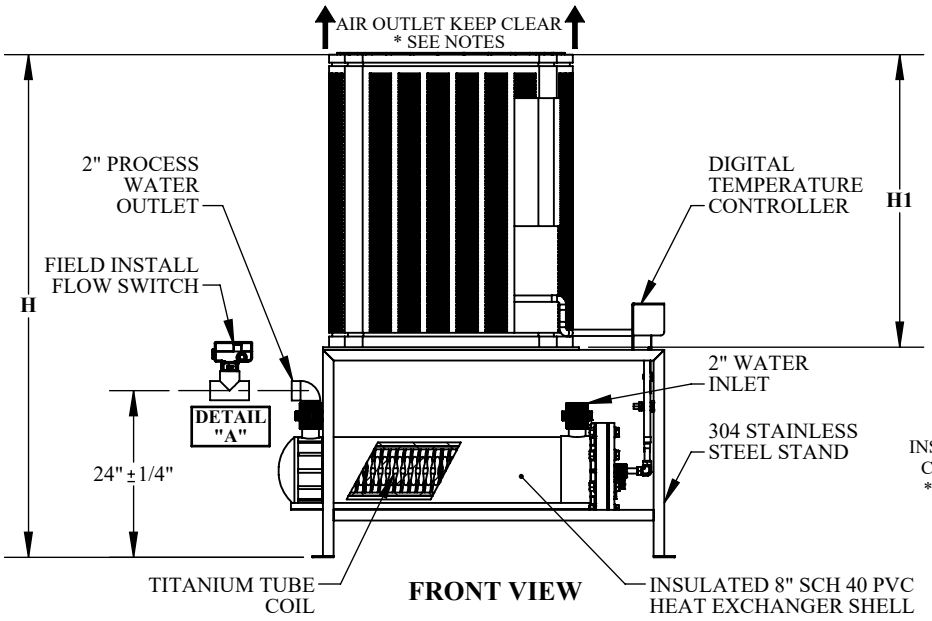
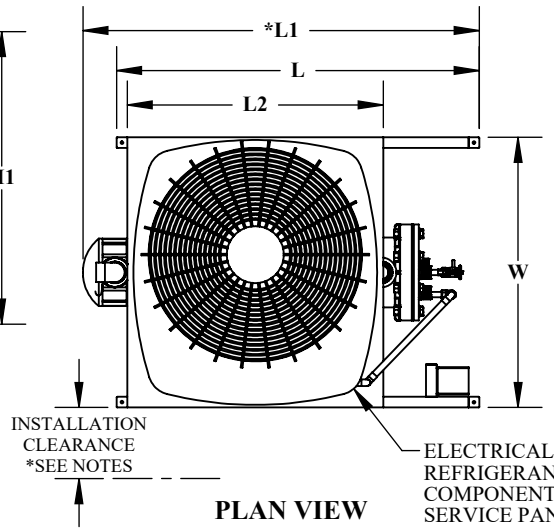
HP-1 THRU HP-53 R-454B SPECIFICATION

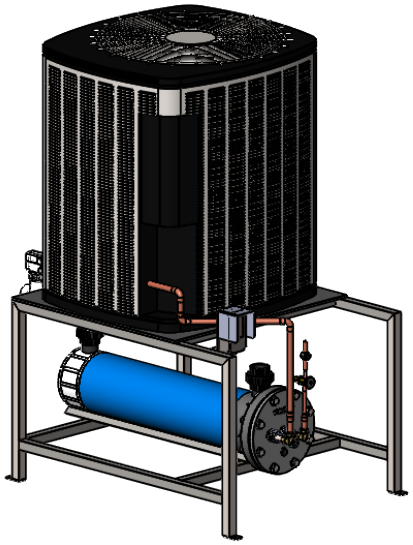
FOR INDOOR OR OUTDOOR FRESH AND SALT WATER APPLICATIONS

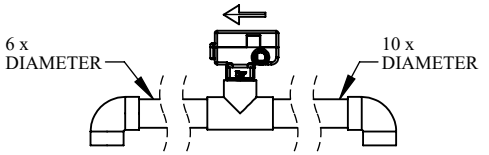


FRONT VIEW



PLAN VIEW





TITAN HEAT PUMPS												
MODEL NO.	**NOMINAL TONS / BTUH / KW**	**VOLTS / FHASE**	**AMPS RLA / LRA**	**WATER FLOW RATE (GPM)**	***AIR OUTLET (CFM)**	**H**	**H1**	**L**	***L1**	**L2**	**W**	**SHIPPING WEIGHT (LBS.)**
HP-1	1.5 / 18K / 5.2	208-240 / 1	6 / 38	20 / 40	1550	59"	29"	44"	n/a	31"	33"	406
HP-2	2 / 24K / 7	208-240 / 1	8.7 / 57	20 / 40	1550	63"	33"	44"	n/a	31"	33"	389
HP-3	3 / 36K / 10.5	208-240 / 1	14 / 91	20 / 40	2175	63"	33"	51"	n/a	36"	38"	500
HP-33	3 / 36K / 10.5	208-240 / 3	10.9 / 74	20 / 40	2175	63"	33"	51"	n/a	36"	38"	495
HP-33-460	3 / 36K / 10.5	460 / 3	5.5 / 38	20 / 40	2175	63"	33"	51"	n/a	36"	38"	495
HP-4	4 / 48K / 14	208-240 / 1	18.6 / 94	30 / 60	2500	67"	37"	51"	n/a	36"	38"	518
HP-43	4 / 48K / 14	208-240 / 3	13.7 / 101	30 / 60	2500	67"	37"	51"	n/a	36"	38"	515
HP-43-460	4 / 48K / 14	460 / 3	7.1 / 51	30 / 60	2500	67"	37"	51"	n/a	36"	38"	515
HP-5	5 / 60K / 17.5	208-240 / 1	25 / 148	30 / 60	3700	75"	45"	51"	56"	36"	38"	553
HP-53	5 / 60K / 17.5	208-240 / 3	18.6 / 139	30 / 60	3700	75"	45"	51"	56"	36"	38"	538
HP-53-460	5 / 60K / 17.5	460 / 3	9 / 71	30 / 60	3700	75"	45"	51"	56"	36"	38"	538

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.

OPTIONS:

· SCH 80 SHELL CONSTRUCTION.
· 316 STAINLESS STEEL STAND AND HARDWARE.
· LOW AMBIENT HEAD PRESSURE CONTROL ON COOLING MODE ONLY.
· COASTAL MARINE CONDENSER COATING.

***NOTES:**

*NORMAL OPERATING AMBIENT AIR TEMPERATURE: 50°F - 115°F.
*ADD LOW AMBIENT HEAD PRESSURE CONTROL FOR OPERATING IN AMBIENT AIR TEMPERATURES FROM 0°F TO 50°F. CONSULT AQUA LOGIC IF OPERATING AT TEMPERATURES OUTSIDE THESE RANGES.
*ALL CONDENSING UNITS HAVE A 14 SEER RATING.
*L1 DIMENSION ARE FOR MODELS HP-5 & HP-53 CHILLERS.

. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT.
. TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR 60 INCHES MINIMUM.

· RECOMMENDED CLEARANCE FOR PROPER OPERATION AND MAINTENANCE IS 24" FROM WALLS, SHRUBBERY, FENCES, ETC.
· MINIMUM CLEARANCE BETWEEN ADJACENT UNITS IS 72 INCHES.
· **ALL DIMENSIONS ARE APPROXIMATE AND CAN CHANGE AT ANY TIME DEPENDING ON WHICH CONDENSING UNIT IS USED TRANE OR RHEEM.**

9558 Camino Ruiz, San Diego, CA 92126

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DRAWING #	SHEET TITLE
PDF-0237	HP-1 THRU HP-53 R-454B SPEC

DESCRIPTION				
TITAN HEAT PUMP AIR COOLED				
DRAWN BY	**DATE**	**REVISION**	**SCALE**	**SHEET #**
Arnaldo Guzman	9/10/2021	4/15/2025CE	1:27	1 OF 1