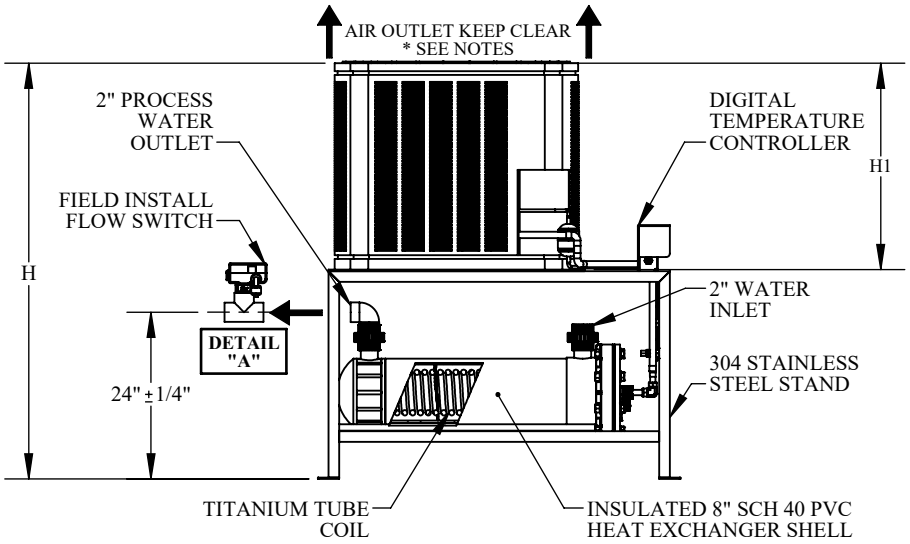
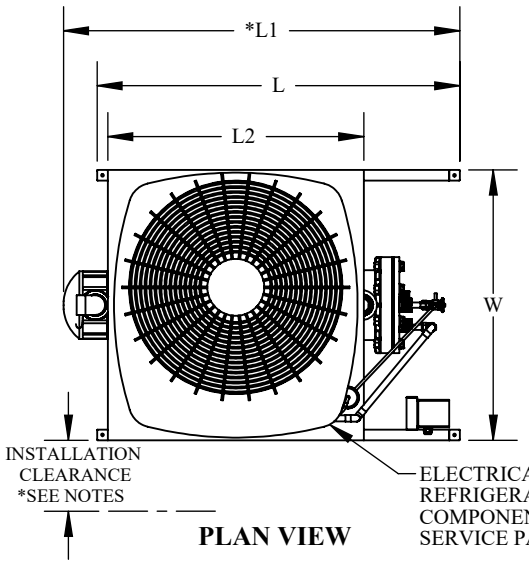
MT-1 THRU MT-8 R-454B SPECIFICATION

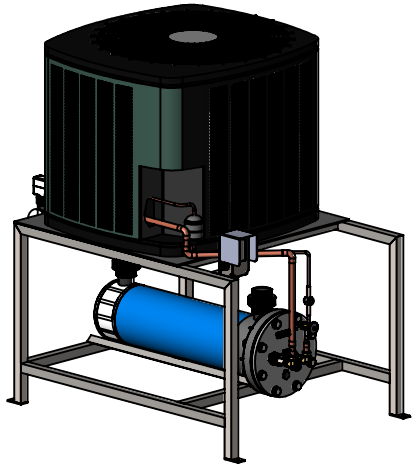
FOR INDOOR OR OUTDOOR FRESH AND SALT WATER APPLICATIONS



FRONT VIEW



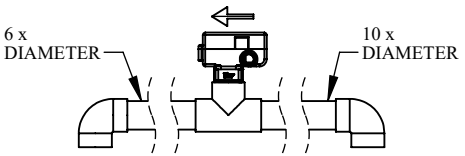
PLAN VIEW



MULTI-TEMP WATER CHILLERS												
MODEL NO.	**NOMINAL TONS / BTUH / KW**	**VOLTS / PHASE**	**AMPS RLA / LRA**	**WATER FLOW RATE (GPM)**	***AIR OUTLET (CFM)**	**H**	**H1**	**L**	***L1**	**L2**	**W**	**SHIPPING WEIGHT (lbs.)**
MT-1	2 / 24K / 7	208 - 240 / 1	11 / 63	20 / 40	1285	59"	29"	44"	n/a	31"	33"	370
MT-3	3 / 36K / 10.5	208 - 240 / 1	18 / 77	20 / 40	2615	63"	33"	44"	n/a	31"	33"	396
MT-4	3 / 36K / 10.5	208 - 240 / 3	10 / 71	20 / 40	2615	66"	37"	44"	n/a	31"	33"	386
MT-4-460	3 / 36K / 10.5	460 / 3	6 / 38	20 / 40	2615	66"	37"	44"	n/a	31"	33"	386
MT-5	4 / 48K / 14	208 - 240 / 1	23 / 124	30 / 60	2615	59"	29"	51"	n/a	36"	38"	474
MT-6	4 / 48K / 14	208 - 240 / 3	15 / 83	30 / 60	2615	63"	33"	51"	n/a	36"	38"	474
MT-6-460	4 / 48K / 14	460 / 3	7 / 41	30 / 60	2615	63"	33"	51"	n/a	36"	38"	474
MT-7	5 / 60K / 17.5	208 - 240 / 1	27 / 153	30 / 60	2785	70"	41"	51"	56"	36"	38"	520
MT-8	5 / 60K / 17.5	208 - 240 / 3	17 / 110	30 / 60	2785	70"	41"	51"	56"	36"	38"	528
MT-8-460	5 / 60K / 17.5	460 / 3	8 / 52	30 / 60	2785	70"	41"	51"	56"	36"	38"	500

*NORMAL OPERATING AMBIENT AIR TEMPERATURE: 50°F - 115°F. OPERATING WATER TEMPERATURE RANGE 40 °F - 85 °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 13 SEER RATING.
*L1 DIMENSION ARE FOR MODELS MT-7 & MT-8 CHILLERS.

***NOTES:**
· TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR 60 INCHES MINIMUM.
· UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT.
· MINIMUM CLEARANCE FOR PROPER OPERATION IS 12 INCHES 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.**



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.
· COASTAL MARINE CONDENSER COATING.

aqua LOGIC
Aquatic Design, Manufacturing & Integration
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DRAWING #	SHEET TITLE
PDF-0052	MT-1 THRU MT-8 R-454B SPEC

DESCRIPTION				
MULTI TEMP AIR COOLED WATER CHILLER				
DRAWN BY	**DATE**	**REVISION**	**SCALE**	**SHEET #**
Arnaldo Guzman	9/10/2021	4/15/25CE	1:27	1 OF 1