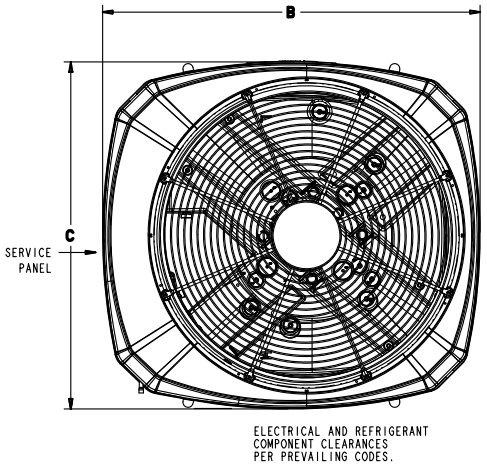
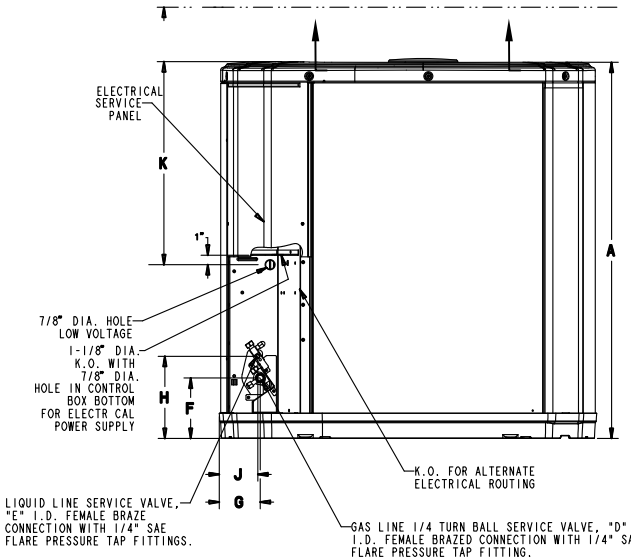
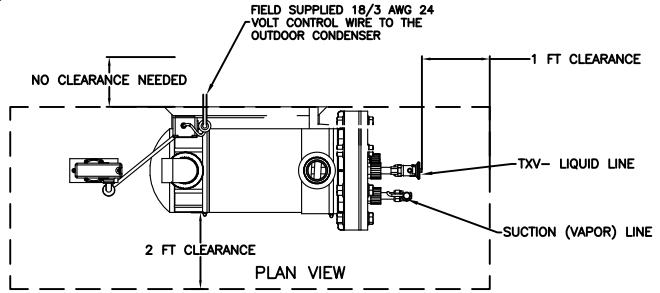
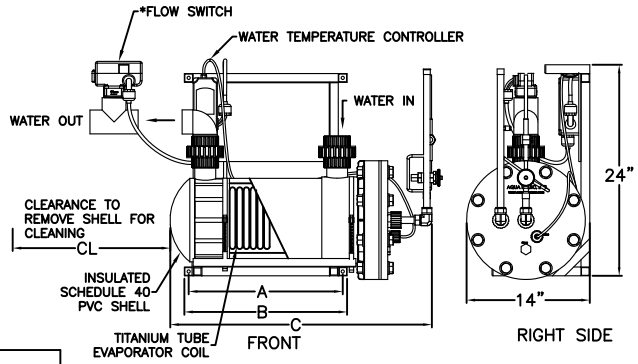
TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR AT LEAST 5 FEET ABOVE UNIT. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT, AND SHOULD BE AT LEAST 12 INCHES FROM WALL AND ALL SURROUNDING SHRUBBERY ON TWO SIDES. OTHER TWO SIDES UNRESTRICTED.



ELECTRICAL AND REFRIGERANT COMPONENT CLEARANCES PER PREVAILING CODES.







INDOOR HEAT EXCHANGER / EVAPORATOR

UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
MT-1,3,4	36" X 34"
MT-5,6,7,8	41" X 41"

NOTE: RLA AMPS MAY VARY DUE THE CONDENSING UNIT MANUFACTURE CHANGES.

ALL SINGLE PHASE UNITS ARE SEER 14.5 AND THREE PHASE UNITS ARE SEER 13.

*USE OPTIONAL LOW AMBIENT HEAD PRESSURE FAN CONTROLS IF THE AMBIENT AIR TEMPERATURE FALLS BELOW 50 °F, THIS CONTROL IS GOOD DOWN TO 0°F.

*ALL DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.

OUTDOOR CONDENSING UNIT DIMENSIONS (INCHES)

MODELS	BASE	A	B	C	D	E	F	G	H	J	K	WEIGHT (LBS)
MT-1	2	28 3/4	28 1/2	25 3/4	3/4	3/8	5	2 1/4	7 5/8	1 1/2	18	140
MT-3,4	3	32 3/4	32 5/8	29 3/4	3/4	3/8	5	3	7 3/4	2 3/8	20	160
MT-5,6	4	29 1/8	37 1/4	34 1/4	7/8	3/8	5 5/8	3 1/4	8 1/8	2 3/4	20	190
MT-7,8	4	37 1/8	37 1/4	34 1/4	7/8	3/8	6	3 7/8	8 5/8	3 3/8	20	220
MT-8.5	4	51 3/4	35 3/4	35 3/4	7/8	3/8	6	3 7/8	8 5/8	3 3/8	20	383

* VERY IMPORTANT. FOLLOW FLOW SWITCH INSTALLATION INSTRUCTIONS

NOTE:
FOR WATER TEMPERATURE 55°F AND BELOW, WATER FLOW RATE MUST BE CLOSE TO THE MAXIMUM.

SPLIT CHILLER CONDENSING UNIT SPECIFICATIONS

SPLIT CHILLER PACKAGE MODEL #	TON	NOMINAL BTUH / KW	RATING EER	R-454B FREON CHARGE (lbs/oz.)	VOLTS/PHASE	NOMINAL AMPS RLA/LRA	MCA	MAX. FUSE or CKT BRK AMPS	AIR OUTLET (CFM)	STANDARD SOUND RATING (dBA)
MT-1 SPLIT	2	24K/7	12.2	4/11	208-230/1	11/63	14.1	25	1285	71
MT-3 SPLIT	3	36K/10.5	12.2	6/1	208-230/1	18/77	18	30	2615	71
MT-4 SPLIT	3	36K/10.5	12.2	6/1	208-230/3	10/71	12.5	20	2615	71
MT-4-460 SPLIT	3	36K/10.5	12.2	6/1	460/3	6/38	7.6	15	2615	71
MT-5 SPLIT	4	48K/14	11.7	6/9	208-230/1	23/124	24	40	2615	71
MT-6 SPLIT	4	48K/14	11.7	6/9	208-230/3	15/83	18.3	30	2615	70
MT-6-460 SPLIT	4	48K/14	11.7	6/9	460/3	7/41	8.4	15	2615	70
MT-7 SPLIT	5	60K/17.5	11.7	7/10	208-230/1	27/153	32	50	2785	71
MT-8 SPLIT	5	60K/17.5	11.7	7/10	208-230/3	17/110	21.4	35	2785	73
MT-8-460 SPLIT	5	60K/17.5	11.7	7/10	460/3	8/52	9.7	15	2785	73
MT-8.5-460 SPLIT	6.5	78K/22.9	11.2	***	460/3	11/95	17	25	5700	86

INDOOR HEAT EXCHANGER PACKAGE SPECIFICATIONS

HEX MODEL NO.	TON	NOMINAL HP/BTUH/KW	DIMENTIONS (IN) A	B	C	*PROCESS WATER MIN/MAX FLOW RATE (GPM)	REFRIGERANT CONNECTION SIZE HI/LOW (ODF)	DRY WEIGHT (LBS)	CL
HX-24DX	2	24K / 7	18	19	28	20 / 40	3/8" / 3/4"	105	24"
HX-36DX	3	36K / 10.5	25	26	35	20 / 40	3/8" / 3/4"	120	32"
HX-48DX	4	48K / 14	33	34	43	30 / 60	3/8" / 7/8"	130	40"
HX-60DX	5	60K / 17.5	40	41	50	30 / 60	3/8" / 7/8"	140	48"
HX-60DX	6.5	78K / 22.9	40	41	50	50 / 80	3/8" / 7/8"	140	48"

OPTIONS:
- ☐ CONDENSING UNIT ONLY COASTAL MARINE "TROPI-COAT" COATING.
- ☐ SCH80 PVC MATERIAL HX SHELL CONSTRUCTION.
- ☐ 316 STAINLESS STEEL RACK AND HARDWARE.
- ☐ LOW AMBIENT AIR HEAD PRESSURE FAN CONTROL.

*** CONDENSER FIELD CHARGED WITH NITROGEN. REFRIGERANT MAXIMUM HOLDING 21 LBS.

TITLE	MT-1 THRU MT-8 SPLIT R-454B OUTDOOR CONDENSER AND INDOOR HEAT EXCHANGER PACKAGE UNITS	PROJECT	AQUA LOGIC	FILE	D:\AutoCad Files\AutoCad Files\MT Chillers\MT- Split\MT-1 to 8.5 Split R-454B units specs 3-14-25.dwg	DRAWING NO	00	EDITED	7/16/2025	SCALE	1:1
		CLIENT	AQUA LOGIC			DRAWN BY	CEPPS	CREATED	1/8/2025	PAGE	1 of 1

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