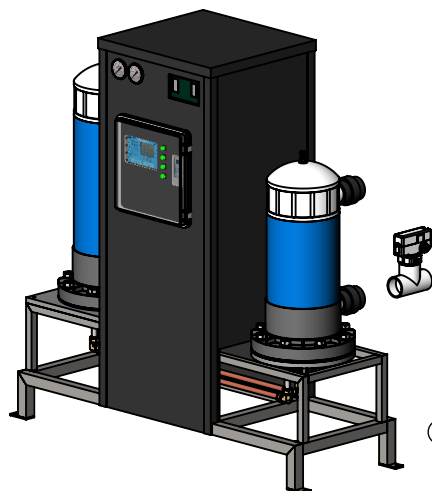
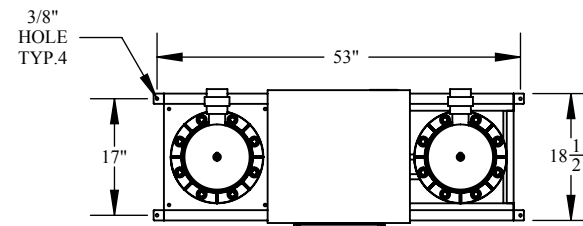


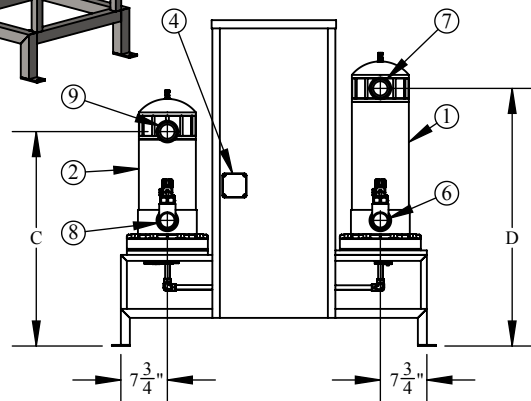
MT-1 THRU MT-8 WATER COOLED MARINE DUTY



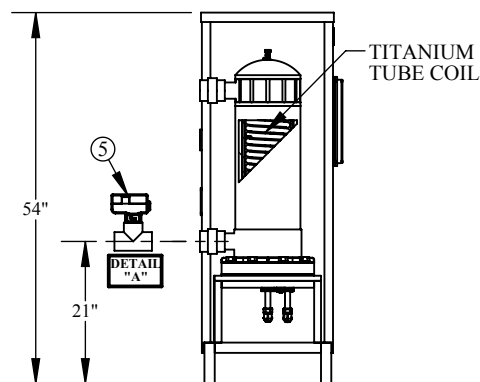
NO.	NAME
1	EVAPORATOR-TITANIUM TUBE / 8" SCH 40 PVC SHELL
2	CONDENSER-TITANIUM TUBE / 8" SCH 40 PVC SHELL
3	TEMPERATURE CONTROLLER / ELECTRICAL CONTROL BOX
4	JUNCTION BOX FOR SUPPLY MAIN POWER
5	WATER FLOW SWITCH (SEE NOTE FOR INSTALLATION)
6	2" NPS SLIP UNION EVAPORATOR WATER INLET
7	2" NPS SLIP UNION EVAPORATOR WATER OUTLET
8	2" NPS SLIP UNION CONDENSER WATER INLET
9	2" NPS SLIP UNION CONDENSER WATER OUTLET
10	LOW / HI REFRIGERANT PRESSURE SAFETY CUTOUT
11	REFRIGERANT PRESSURE GAUGES



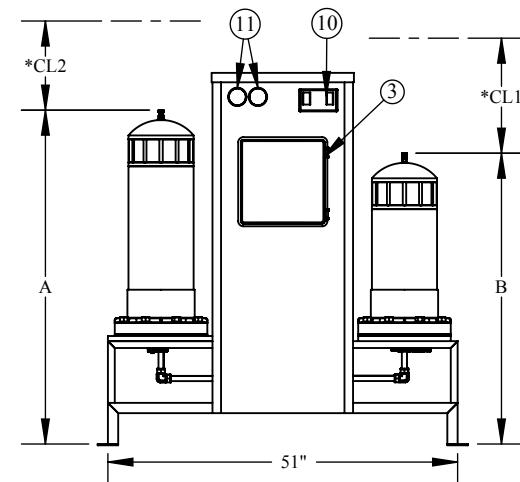
PLAN VIEW



BACK



LEFT



FRONT

*CL: CLEARANCE FOR CLEANING

MULTI-TEMP WATER-COOLED CHILLERS

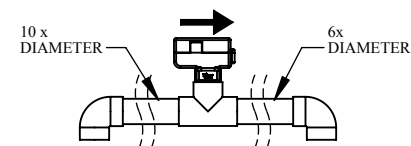
MODEL NO.	NOMINAL TON / BTUH	VOLTS / PHASE	R-410A REFRIGERANT CHARGE LBS / OZ	AMPS. RLA / LRA	EVAPORATOR WATER FLOW MIN / MAX *(GPM)	CONDENSER WATER FLOW MIN / MAX *(GPM)	A	B	C	D	CL1	CL2	SHIPPING WEIGHT (LBS.)	SHIPPING DIMENSIONS (IN.)
MT-1-WCMD	2 / 24,000	208-240 / 1	3 / 5	13.8 / 127	20 / 40	10 / 20	41.5"	41.5"	35.75"	35.75"	25"	25"	480	49 x 31 x 60
MT-3-WCMD	3 / 36,000	208-240 / 1	3 / 10	16.6 / 175	20 / 40	10 / 20	49"	41.5"	35.75"	43"	25"	32"	500	49 x 31 x 60
MT-4-WCMD	3 / 36,000	208-240 / 3	3 / 10	12.7 / 128	20 / 40	10 / 20	49"	41.5"	35.75"	43"	25"	32"	500	49 x 31 x 60
MT-4-460-WCMD	3 / 36,000	460 / 3	3 / 10	7.5 / 63	20 / 40	10 / 20	49"	41.5"	35.75"	43"	25"	32"	500	49 x 39 x 60
MT-5-WCMD	4 / 48,000	208-240 / 1	4 / 12	17.3 / 129	30 / 60	15 / 25	56.5"	49"	44"	50.5"	32"	40"	540	62 x 31 x 65
MT-6-WCMD	4 / 48,000	208-240 / 3	4 / 12	13 / 156	30 / 60	15 / 25	56.5"	49"	44"	50.5"	32"	40"	580	62 x 31 x 65
MT-6-460-WCMD	4 / 48,000	460 / 3	4 / 12	8 / 75	30 / 60	15 / 25	56.5"	49"	44"	50.5"	32"	40"	580	62 x 31 x 65
MT-7-WCMD	5 / 60,000	208-240 / 1	7 / 5	23 / 129	30 / 60	20 / 30	64"	56.5"	50.5"	58"	40"	47"	620	62 x 31 x 75
MT-8-WCMD	5 / 60,000	208-240 / 3	7 / 5	19.3 / 225	30 / 60	20 / 30	64"	56.5"	50.5"	58"	40"	47"	660	62 x 31 x 75
MT-8-460-WCMD	5 / 60,000	460 / 3	7 / 5	9.8 / 114	30 / 60	20 / 30	64"	56.5"	50.5"	58"	40"	47"	660	62 x 31 x 75

OPTIONS:

- SCH 80 PVC SHELL CONSTRUCTION.
- 316 STAINLESS STEEL STAND AND HEX BOLTS.

NOTES:

- CONDENSER WATER FLOW IS DETERMINED BY THE WATER TEMPERATURE ENTERING THE CONDENSER. MANUALLY ADJUST THE WATER FLOW TO MAINTAIN REFRIGERANT LIQUID SIDE PRESSURE.
- ALL UNITS ARE 60HZ.
- CONDENSER FLOW RATE IS BASED ON A MINIMUM OF 55°F AND MAXIMUM OF 75°F WATER TEMPERATURE. IF OPERATING OUTSIDE THESE PARAMETERS CONTACT AQUA LOGIC TECHNICAL SUPPORT.
- ALL DIMENSIONS ARE APPROXIMATE AND CAN CHANGE AT ANY TIME.



** IMPORTANT! *

-DETAIL "A"
-FLOW SWITCH MUST BE FIELD INSTALLED VERTICALLY ON A HORIZONTAL STRAIGHT PIPE WITH NO LESS THAN 10 TIMES THE PIPE DIAMETER ON THE INLET SIDE AND NO LESS THAN 6 TIMES THE DIAMETER ON THE OUTLET SIDE.

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DESCRIPTION

MT-1-WCMD THRU MT-8-WCMD WATER COOLED MARINE DUTY.

DRAWN BY

ARNALDO GUZMAN

DATE

4/30/2015

REVISION

SCALE

1:28

SHEET

1 OF 1



9558 Camino Ruiz, San Diego, CA 92126

DRAWING #
PDF-0096

SHEET TITLE

MT-1 THRU
MT-8-WCMD
SPECIFICATIONS