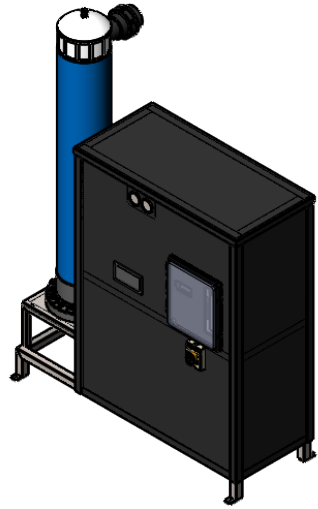
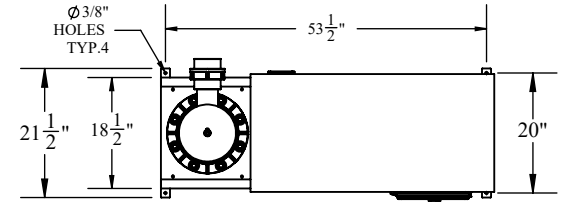


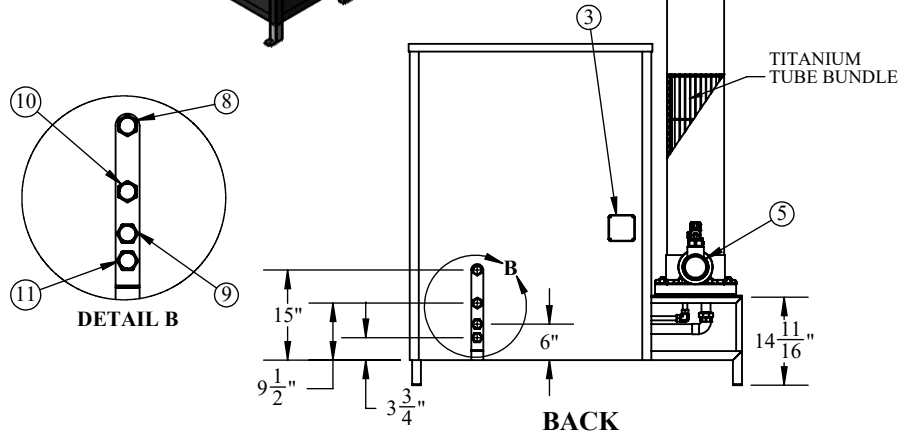
# MT-15-WCTS THRU MT-20WCTS WATER COOLED CHILLER



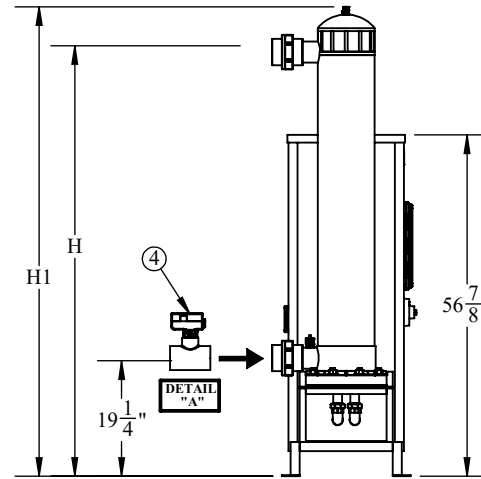
NO.	NAME
1	EVAPORATOR-TITANIUM TUBE / 8" SCH 40 PVC SHELL
2	TEMPERATURE CONTROLLER / NEMA 4X ELECTRICAL CONTROL BOX
3	JUNCTION BOX FOR SUPPLY POWER
4	WATER FLOW SWITCH (SEE NOTE FOR INSTALLATION)
5	3" NPS SLIP UNION EVAPORATOR WATER INLET
6	3" NPS SLIP UNION EVAPORATOR WATER OUTLET
7	LOW / HI REFRIGERANT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



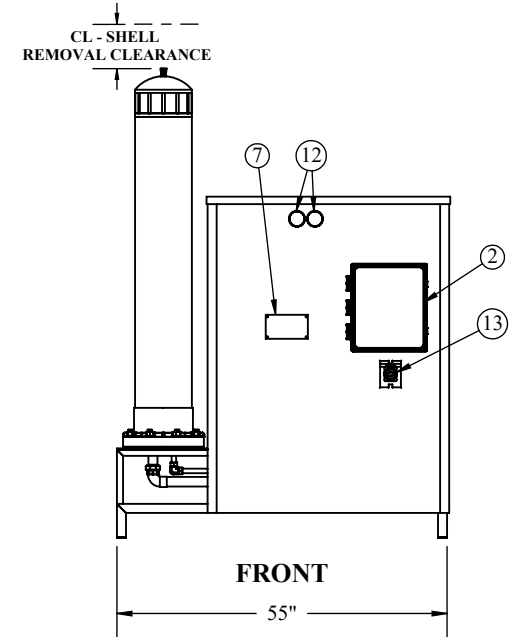
PLAIN VIEW



BACK



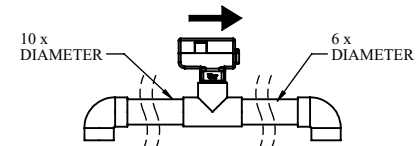
LEFT



FRONT

MULTI-TEMP WATER-COOLED CHILLER

MODEL NO.	NOMINAL TON / BTUH	VOLTZ / PHASE	COMPRESSOR NO. / TONS	AMPERAGE RLA / LRA	EVAPORATOR WATER FLOW MIN / MAX (GPM)	CONDENSER WATER FLOW (GPM) / PSI DROP @ 65°F ENTERING	*CONDENSER WATER CONNECTIONS (FPT)	H	H1	CL	SHIPPING DIMENSIONS (IN.)
MT-15-WC	15 / 180,000	208-240 / 3	2 / 7.5	25 / 164	120 / 180	13 / 4	1"	72 1/4"	79 1/8"	64"	66 x 28 x 84
MT-15-460-WC	15 / 180,000	460 / 3	2 / 7.5	13 / 100	120 / 180	13 / 4	1"	70 1/4"	77 1/8"	64"	66 x 28 x 84
MT-20-WC	20 / 240,000	208-240 / 3	2 / 10	36 / 240	120 / 180	17 / 4	1 1/2"	81 1/2"	89"	76"	66 x 28 x 95
MT-20-460-WC	20 / 240,000	460 / 3	2 / 10	17 / 114	120 / 180	17 / 4	1 1/2"	81 1/2"	89"	76"	66 x 28 x 95



**\*\* 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.

**OPTIONS:**

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

**NOTES**

- FOR INDOOR USE ONLY.
- WHEN THE CHILLER IS IN THE OFF CYCLE, WATER FLOWING THROUGH THE CONDENSER IS STOPPED.
- \* CONDENSER WATER CONNECTIONS CAN CHANGE WITH DIFFERENT ENTERING TEMPERATURE SUPPLY.
- WATER FLOW RATE THROUGH THE EVAPORATOR NEEDS TO BE MAINTAINED CLOSE TO MAXIMUM GPM WHEN THE WATER TEMPERATURE IS 55 °F AND BELOW.
- ALL UNITS ARE 60 HZ.
- 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.
- IF MAINTAINING AN EVAPORATOR WATER TEMPERATURE BELOW 55 °F CONSULT AQUA LOGIC TECHNICAL SUPPORT.
- THE SPECIFIED AMPERAGE IS BASED ON UNITS RUNNING WITH A 75°F ENTERING EVAPORATOR WATER TEMPERATURE.
- ALL DIMENSIONS ARE APPROXIMATE AND CAN CHANGE AT ANY TIME.



9558 Camino Ruiz, San Diego, CA 92126

DRAWING # PDF-0097 SHEET TITLE

**MT-15 THRU MT-20-WCTS SPECIFICATIONS**

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DESCRIPTION  
 MT-15 THRU MT-20-WCTS WATER COOLED CHILLER.

DRAWN BY  
 Arnaldo Guzman

DATE  
 1/18/2022

REVISION

SCALE  
 1:32

SHEET #  
 1 OF 1