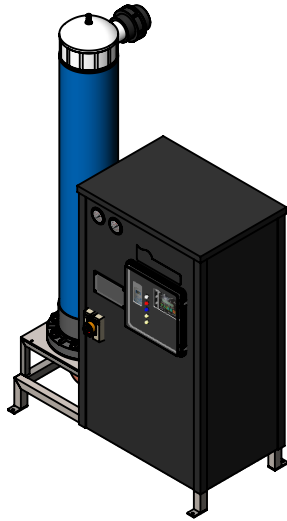
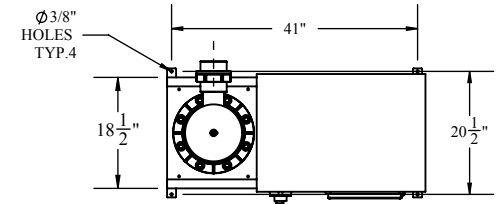


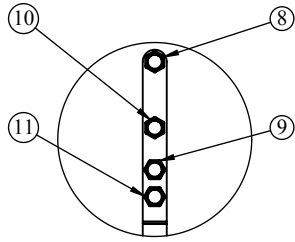
# MT-9-WCTS THRU MT-20WCTS WATER COOLED CHILLER



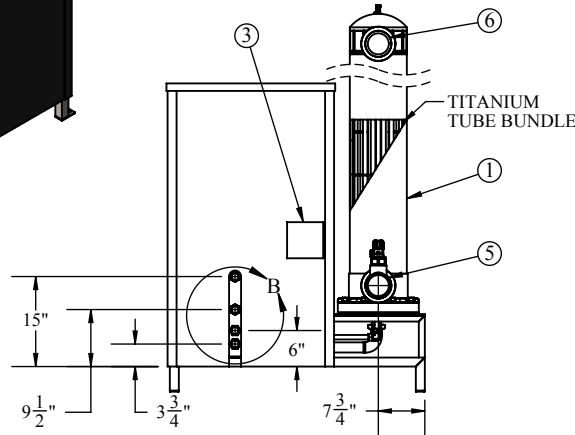
NO.	NAME
1	EVAPORATOR-TITANIUM TUBE / 8" SCH 40 PVC SHELL
2	TEMPERATURE CONTROLLER / NEMA 4X ELECTRICAL CONTROL BOX
3	JUNCTION BOX FOR SUPPLY POWER
4	WATER FLOW SWITCH (SEE NOTE FOR INSTALLATION)
5	3" NPS SLIP UNION EVAPORATOR WATER INLET
6	3" NPS SLIP UNION EVAPORATOR WATER OUTLET
7	LOW / HI REFRIGERANT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



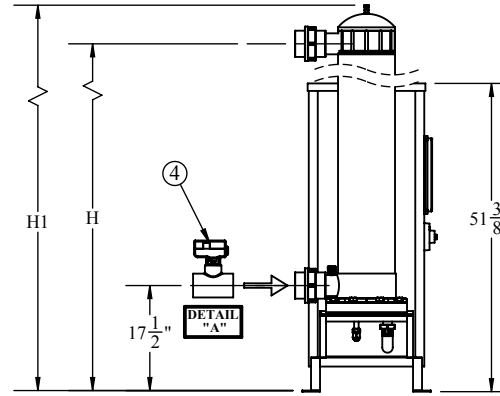
PLAN VIEW



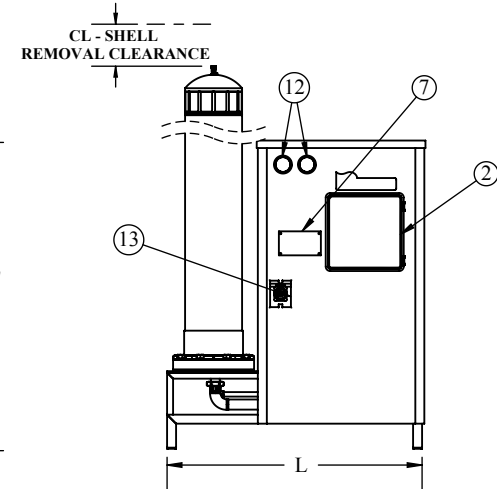
DETAIL B



BACK

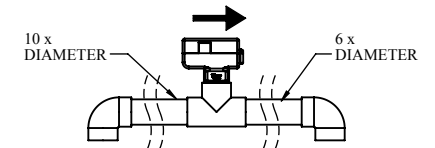


LEFT



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 (NPT)	L	H	HI	CL	SHIPPING DIMENSIONS (IN.)
MT-9-WCTS	7.5 / 90,000	208-240 / 1	1 / 7	25 / 164	100 / 160	7 / 4	3/4"	44"	46"	52"	36"	48 x 28 x 58
MT-9-460-WCTS	7.5 / 90,000	460 / 3	1 / 7.5	13 / 100	100 / 160	7 / 4	3/4"	44"	46"	52"	36"	48 x 28 x 58
MT-10-WCTS	10 / 120,000	208-240 / 3	1 / 10	36 / 240	100 / 160	9 / 4	1"	44"	56"	60"	46"	48 x 28 x 66
MT-10-460-WCTS	10 / 120,000	460 / 3	1 / 10	17 / 114	100 / 160	9 / 4	1"	44"	56"	60"	46"	48 x 28 x 66
MT-15-WC	15 / 180,000	208-240 / 1	2 / 7.5	25 / 164	100 / 180	13 / 4	1"	60"	74"	78"	64"	66 x 28 x 84
MT-15-460-WC	15 / 180,000	460 / 3	2 / 7.5	13 / 100	100 / 180	13 / 4	1"	60"	74"	78"	64"	66 x 28 x 84
MT-20-WC	20 / 240,000	208-240 / 3	2 / 10	36 / 240	100 / 180	17 / 4	1 1/2"	60"	86"	90"	76"	66 x 28 x 95
MT-20-460-WC	20 / 240,000	460 / 60	2 / 10	17 / 114	100 / 180	17 / 4	1 1/2"	60"	86"	90"	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.

**NOTES**

- WHEN THE CHILLER IS IN THE OFF CYCLE, WATER FLOWING THROUGH THE CONDENSER IS STOPPED.
- 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 INFLUENT EVAPORATOR WATER TEMPERATURE.
- NOMINAL AMPERAGE CAN CHANGE WITH ON HEAD PRESSURE.
- ALL DIMENSIONS ARE APPROXIMATE AND CAN CHANGE AT ANY TIME.

**OPTIONS:**

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

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DESCRIPTION	DRAWN BY	DATE	REVISION	SCALE	SHEET #
MT-9 THRU MT-20-WCTS WATER COOLED CHILLER.	Arnaldo Guzman	11/13/2015		1:32	1 OF 1

DRAWING #	SHEET TITLE
PDF-0097	MT-9 THRU MT-20-WCTS SPECIFICATIONS



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