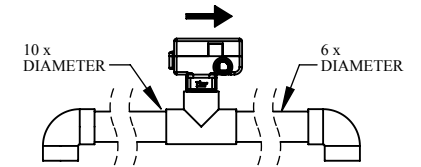
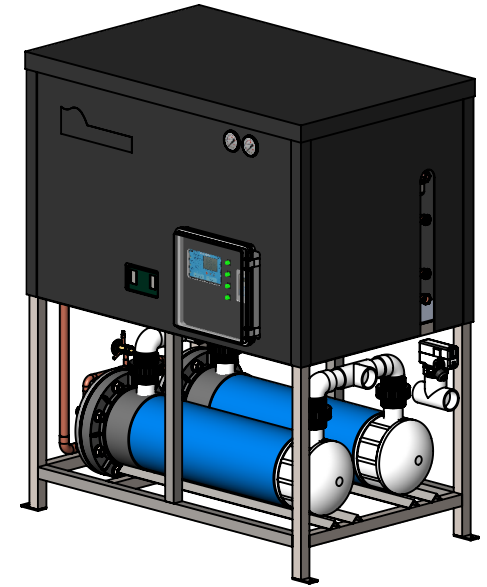
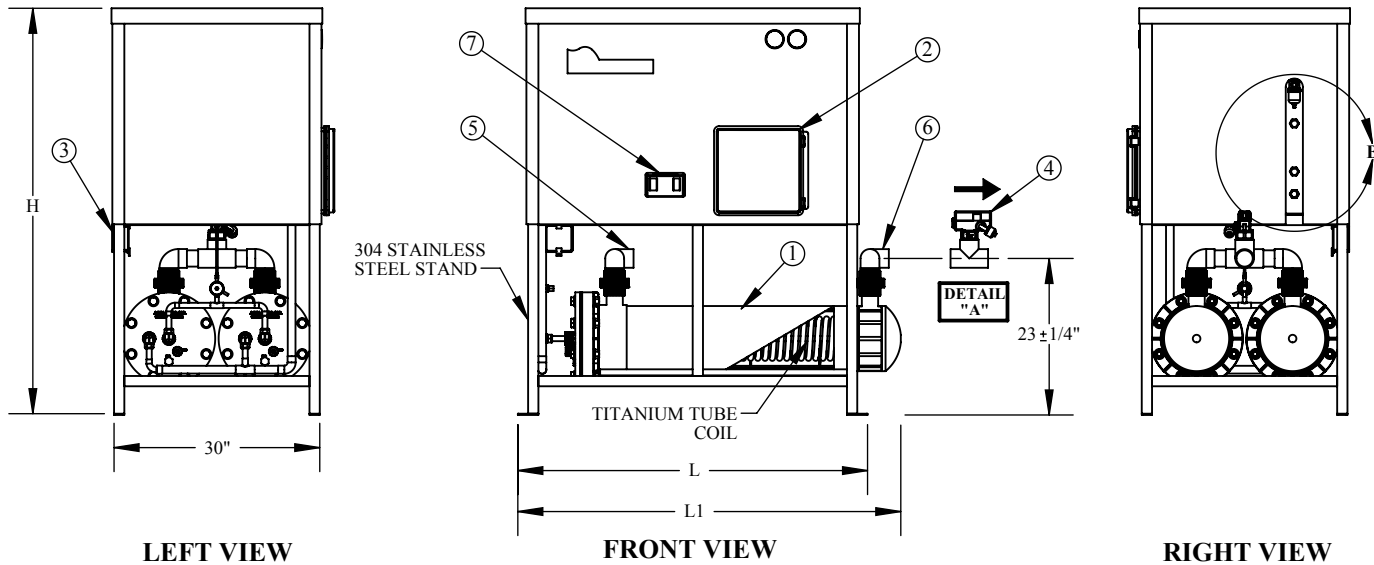
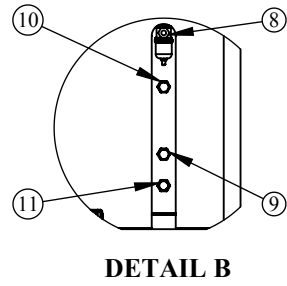


# MT-9 THRU MT-10 WATER COOLED WATER CHILLER



**\*\* 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:**  
 · WATER STOPS FLOWING THROUGH THE CONDENSER WHEN THE CHILLER IS IN THE OFF CYCLE.  
 · WATER FLOW RATE THROUGH THE EVAPORATOR NEEDS TO BE AT THE MAXIMUM FLOW RATE WHEN WATER TEMPERATURE IS 55°F AND BELOW.



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	2" NPS EVAPORATOR WATER INLET
6	2" NPS EVAPORATOR WATER OUTLET
7	LOW / HI REFRIGERANT PRESSURE SAFETY CUTOUT
8	CONDENSER WATER OUTLET
9	CONDENSER WATER INLET
10	CONDENSER WATER FLUSH OUTLET
11	CONDENSER WATER FLUSH INLET

MULTI-TEMP WATER-COOLED CHILLERS											
MODEL NO.	NOMINAL TONS / BTUH	VOLTS / PHASE	COMPRESSOR NO. / TONS	AMPS RLA / LRA	EVAPORATOR WATER FLOW MIN / MAX *(GPM)	*CONDENSER WATER FLOW (GPM) / PSI DROP @ 65°F ENTERING	CONDENSER WATER CONNECTIONS SIZE (FPT)	L	L1	H	SHIPPING DIMS
MT-9-WC	7.5 / 90,000	208-240 / 1	1 / 7.5	25 / 164	60 / 120	7 / 4	3/4"	51"	n/a	59"	59" x 37" x 68"
MT-9-460-WC	7.5 / 90,000	460 / 3	1 / 7.5	13 / 100	60 / 120	7 / 4	3/4"	51"	n/a	59"	59" x 37" x 68"
MT-10-WC	10 / 120,000	208-240 / 3	1 / 10	36 / 240	60 / 120	9 / 4	1"	51"	56"	59"	64" x 37" x 68"
MT-10-460-WC	10 / 120,000	460 / 3	1 / 10	17 / 114	60 / 120	9 / 4	1"	51"	56"	59"	64" x 37" x 68"

\* ALL UNITS ARE 60 HZ.  
 \*CONDENSER FLOW RATE IS BASED ON A MINIMUM OF 55°F AND MAXIMUM OF 75°F WATER TEMPERATURE. CONSULT WITH THE FACTORY IF THE WATER TEMPERATURE IS OUTSIDE THESE PARAMETERS.  
 \*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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DRAWING # SHEET TITLE  
 MT-9 THRU MT-10-WC SPECIFICATIONS

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