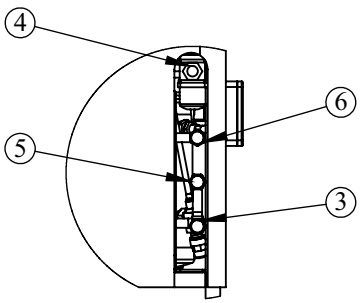
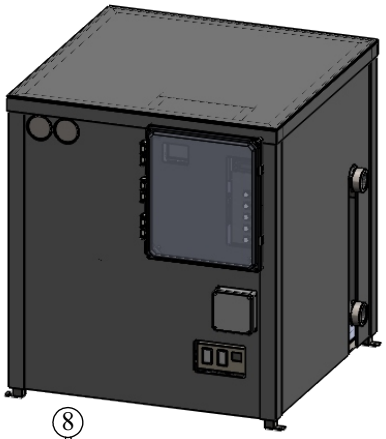
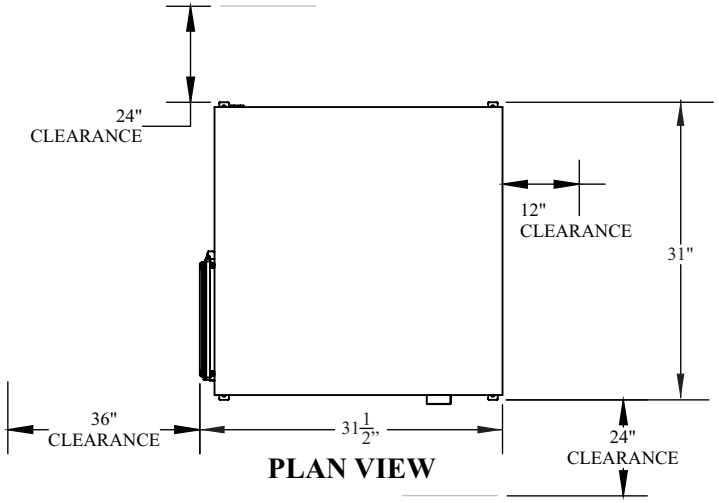
MT-5 & 6-WC-SPA-C WATER-COOLED CHILLER

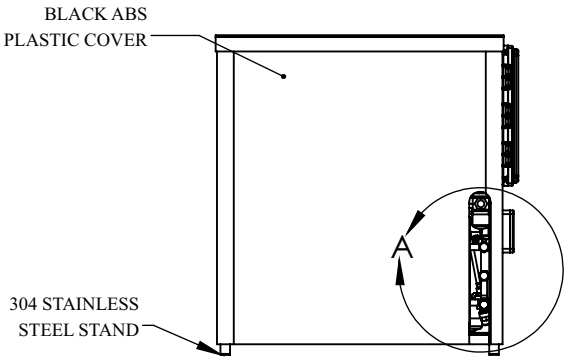


DETAIL A

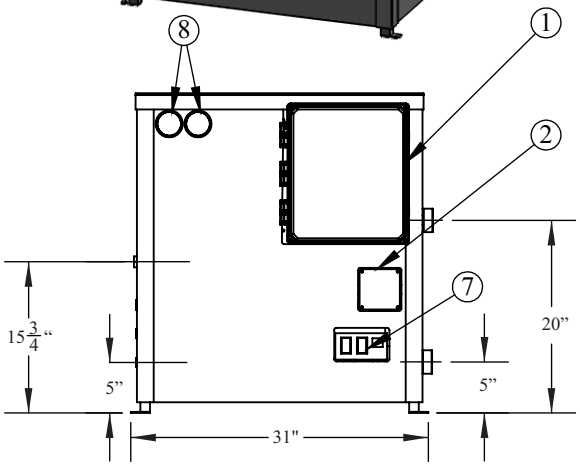




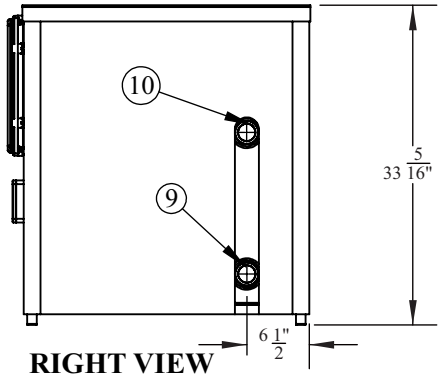
PLAN VIEW



LEFT VIEW



FRONT VIEW



RIGHT VIEW

N	DESCRIPTION
1	TEMPERATURE CONTROLLER / NEMA 4X ELECTRICAL CONTROL
2	BOX MAIN POWER IN JUNTION BOX
3	3/4" FPT BUILDING CONDENSER WATER SUPPLY INLET
4	3/4" FPT BUILDING CONDENSER WATER SUPPLY OUTLET
5	1/2" FPT CONDENSER CLEAN OUT INLET
6	1/2" FPT CONDENSER CLEAN OUT OUTLET
7	HI / LOW REFRIGERANT PRESSURE SAFETY CUTOUT REFRIGERANT
8	PRESSURE GAUGES
9	1-1/2" FPT POOL WATER INLET
10	1-1/2" FPT POOL WATER OUTLET

CONDENSER WATER FLOW VS. WATER TEMPERATURE		
ENTERING WATER TEMPERATURE (°F ,°C)	**GPM, LPM**	**ΔP DROP (PSIG)**
45 , 7.2	1.9 , 7.1	5
50 , 10	2.1 , 7.9	6
55 , 12.7	2.4 , 9.0	5
60 , 15.5	2.7 , 10.2	5
65 , 18.3	3.2 , 12.1	5
*70 , 21.1	5.0 , 18.9	8
*75 , 23.8		
*80 , 26.6		
*85 , 29.4		

* CONSULT AQUA LOGIC IF ENTERING CONDENSING WATER TEMPERATURES ARE 70°F OR HIGHER.

WATER-COOLED SPA CHILLER SPECIFICATIONS										
MODEL NO.	**NOMINAL HP / BTUH**	**R-454b FREON CHARGE (LBS)**	**VOLTS / PHASE / 60 Hz**	**MAX. AMPS. RLA / LRA**	**MCC**	**MAX. FUSE/ BRK**	**OPERATING VOLTAGE RANGE**	**POOL WATER FLOW RATE (GPM)**	**SHIPPING WEIGHT (LBS.)**	**SHIPPING CRATE SIZE (L" x W" x H")**
MT-5-WC-SPA-C	4 / 48,000	7	230 / 1	25 / 150	45	40	197-250V	30-60	365	36"x 36"x 42"
MT-6-WC-SPA-C	4 / 48,000	7	230 / 3	16 / 120	26	30	197-250V	30-60	365	36"x 36"x 42"
MT-6-460-WC-SPA-C	4 / 48,000	7	460 / 3	9 / 60	14	20	440-506V	30-60	365	36"x 36"x 42"

· ALL DIMENSIONS ARE APPROXIMATE AND CAN CHANGE AT ANY TIME.

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aqua LOGIC
Chillers & Titanium Heat Exchangers
2806 GRAY FOX RD,
MONROE, NC 28110

DESCRIPTION	DRAWING #	SHEET TITLE
MT-5-WC AND MT-6-WC SPA WATER-COOLED CHILLERS	PDF-0083	MT-5,6-WC-SPA-C R-454b SPA VERSION SPECIFICATIONS

DRAWN BY	DATE	REVISION	SCALE	SHEET #
SAGE NEFF	6/6/2024	10/3/25 CE	1:17	1 OF 1