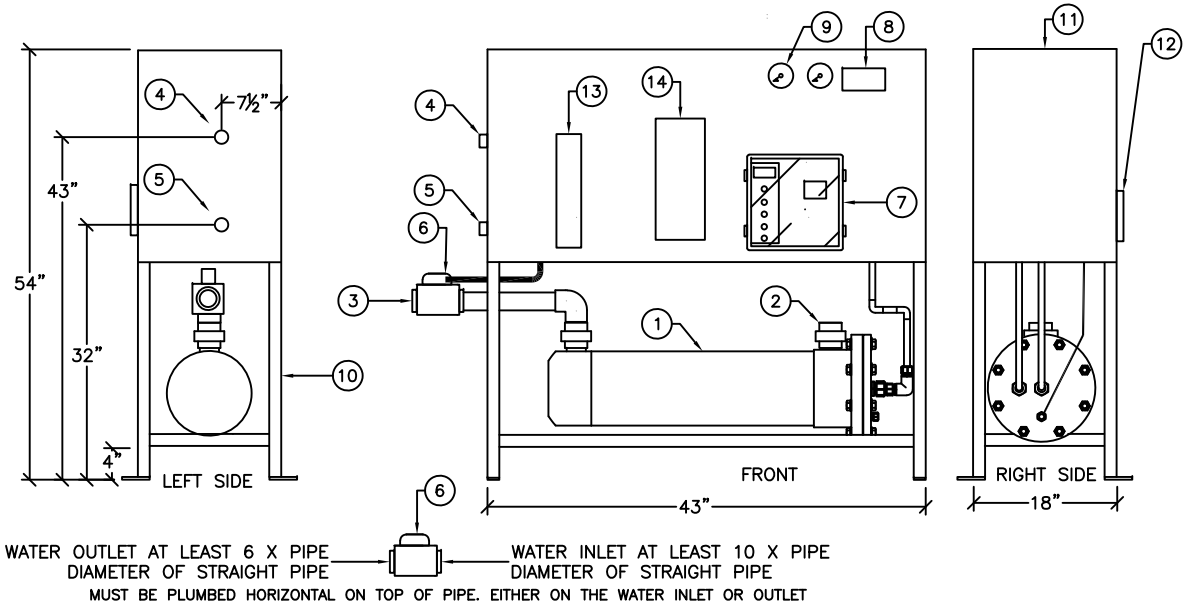


REF	DESCRIPTION
1	SYSTEM TITANIUM TUBE / SCHEDULE 40 PVC SHELL HEAT EXCHANGER (EVAPORATOR)
2	2" SLIP UNION HEAT EXCHANGER WATER INLET
3	2" SLIP UNION HEAT EXCHANGER WATER OUTLET
4	3/4" FPT CONDENSER WATER OUTLET
5	3/4" FPT CONDENSER WATER INLET
6	SAFETY WATER FLOW SWITCH
7	NEMA 4X ENCLOSURE WITH DUAL STAGE TEMPERATURE CONTROLLER, THREE PHASE / VOLTAGE MONITOR, INDICATOR LIGHTS, TIME DELAY,
8	HI / LOW REFRIGERANT PRESSURE CUTOUT
9	SUCTION AND LIQUID PRESSURE GUAGES
10	304 STAINLESS STEEL STAND
11	BLACK ABS PLASTIC DUST COVER
12	MAIN POWER IN J BOX
13	316 STAINLESS STEEL BRAZE PLATE CONDENSER WITH WATER REGULATING CONTROL VALVE.
14	2 TON SCROLL COMPRESSOR

TITAN WATER-COOLED HEAT PUMP										
MODEL NO.	TON	NOMINAL BTUH	VOLTS/PH/HZ	RLA/LRA/MCC	EVAPORATOR WATER FLOW MIN/MAX (GPM)	CONDENSER MAX. PSIG DROP AT MAX WATER GPM	REFRIGERANT CHARGE R-410A ~LBS/OZ	DRY WEIGHT (LBS.)	~SHIPPING WEIGHT (LBS.)	SHIPPING DIMS (LxWxH)"
HP-2-WC	2	24,000	220 / 1 / 60	8.5 / 73 / 22	20 / 40	15	4/0	250	300	60x25x60

*NOTES:

CONDENSER FLOW RATE IS BASED ON FRESHWATER SUPPLY WITH NO GLYCOL ADDED.

WATER STOPS FLOWING THROUGH THE CONDENSER WHEN THE HEAT PUMP IS IN THE OFF CYCLE.

ALL DEMINSIONS ARE APPROXIMATE AND CAN CHANGE WITHOUT NOTICE

**STANDARD CONDENSER WATER FLOW VS. TEMPERATURE °F			
MODE	EWT	LWT	~GPM
H	60	50	6.5
H	75	65	6.5
C	60	95	4.5
C	85	100	4.5

**CONTACT AQUA LOGIC FOR DIFFERENT WATER TEMPERATURE RANGES.

C= SYSTEM COOLING MODE
H= SYSTEM HEATING MODE
EWT= ENTERING WATER TEMPERATURE
LWT= LEAVING WATER TEMPERATURE

TITLE	HP-2-WC, 220V 1PH WATER-COOLED HEAT PUMP	PROJECT	AQUA LOGIC	FILE	C:\Users\cepps\Documents\AutoCad Files\HP Heat pumps\HP-WC\HP-2-WC 220V 1PH Spec 5-22.dwg	DRAWING NO	00	EDITED	5/31/2022	SCALE	1:1
		CLIENT	AQUA LOGIC			DRAWN BY	CEPPS	CREATED	9/8/2017	PAGE	1 of 1

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