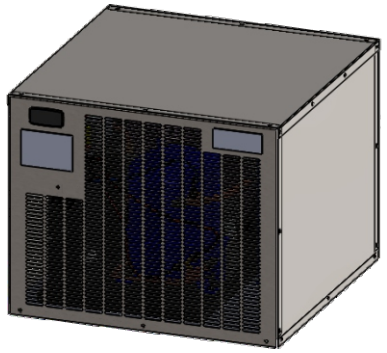
DS-10-WC REV E WATER-COOLED SPECIFICATION SHEET

FOR INDOOR FRESH AND SALT WATER APPLICATIONS

CONDENSER WATER FLOW VS. TEMPERATURE	
°F / °C	*WATER FLOW (GPM)
50 / 10	0.5
55 / 12.7	1
60 / 15.5	1.5
65 / 18.3	1.8
70 / 21	2
75 / 23.8	3
80 / 26.6	4
MAXIMUM PRESSURE DROP 15 PSIG	

*WATER FLOW RATE IS APPROXIMATE.

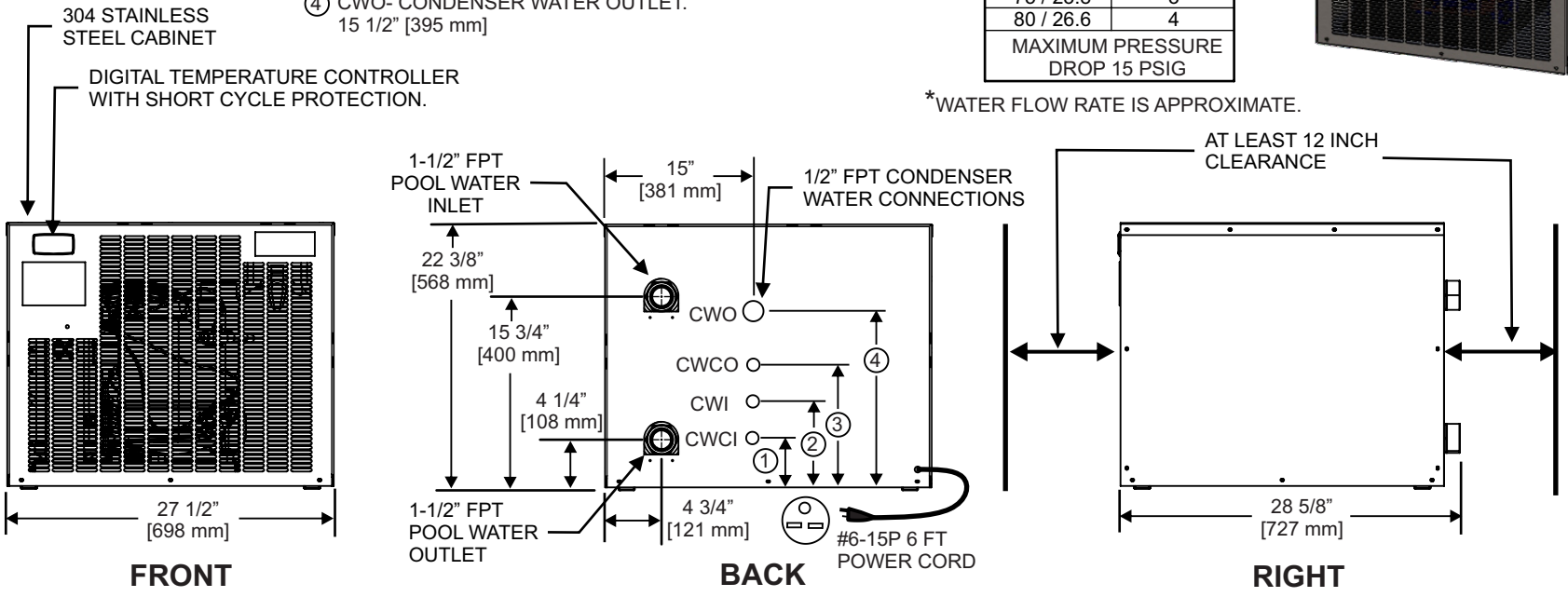


① CWCI- CONDENSER WATER CLEAN OUT INLET.
4 3/4" [121 mm]

② CWI- CONDENSER WATER INLET.
6 3/4" [171 mm]

③ CWCO- CONDENSER WATER CLEAN OUT OUTLET.
8 3/4" [222 mm]

④ CWO- CONDENSER WATER OUTLET.
15 1/2" [395 mm]



ALL DIMENSIONS ARE APPROXIMATE AND CAN CHANGE WITHOUT NOTICE

Model No.	HP	Nominal BTUH	Volts / Phase	RLA / LRA	MCC Amps	Refrigerant Type	Refrigerant Charge (~lbs.)	Pool Water Flow (GPM)	Water Pressure Drop (PSIG)	Weight (lbs.)
DS-10-WC-REV-E	1 3/4	22000	230 / 1	10.8 / 57	14.7	R-454B	4	20-30	2	150

Note:
Chiller operating water temperature range is from 40°F to 80°F. Air temperature range is from 35°F to 110°F.
Contact Aqua Logic for temperatures outside these ranges.

Included standard equipment:
Enhanced titanium tube in PVC shell evaporator with built-in safety water flow switch and dry sensor well.
316 stainless steel braze plate condenser.
Low ambient air temperature fan control switch for operating down to 35°F.
Stainless steel TXV, site glass and oversized drier.
High and low refrigerant pressure cutout switch with alarm indicator lights.

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

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DRAWING #	SHEET TITLE
	DS-10-WC R-454B

DESCRIPTION				
SPECIFICATION SHEET				
DRAWN BY	DATE	REVISION	SCALE	SHEET #
CE	9/10/26	4		1 OF 1