

		Hot Side	Cold Side
Fluid		30.0% Prop.glycol	Water
Density	lb/ft³	64.28	62.47
Specific heat capacity	Btu/lb, °F	0.93	1.01
Thermal conductivity	Btu/ft,h, °F	0.265	0.336
Viscosity.inlet	cP	3.69	1.60
Viscosity.outlet	cP	5.27	1.29
Volume flow rate	GPM	1055.0	1100.0
Inlet temperature	°F	57.5	38.0
Outlet temperature	°F	43.1	51.2
Pressure drop	psi	6.37	6.43
Heat exchanged	kBtu/h	7316	
L.M.T.D.	°F		
Heat transfer area	ft²	2102.2	
Rel. directions of fluids		Countercurrent	
Number of plates		317	
Number of passes		1	1
Additional plate capacity		27	
Plate material / Thickness		ALLOY 304 / 0.40 mm	
Gasket material		NBRB CLIP-ON	NBRB CLIP-ON
Connection material		Unlined	Unlined
Connection diameter	in	6	6
Nozzle orientation		S1 -> S2	S4 <- S3
Pressure vessel code		ASME	
Design Pressure	psi	150.0	150.0
Test pressure	psi	195.0	195.0
Design temperature	°F	150.0	150.0
Overall length x width x height	in	105 x 26 x 76	
Liquid volume	ft³	8.6	8.6
Net weight, empty / operating	lb	3890 / 4990	