TBW Water-to-Water (Heating and Cooling) Troubleshooting Form

RP959

CLIMATEMASTER
Geothermal Heating & Cooling

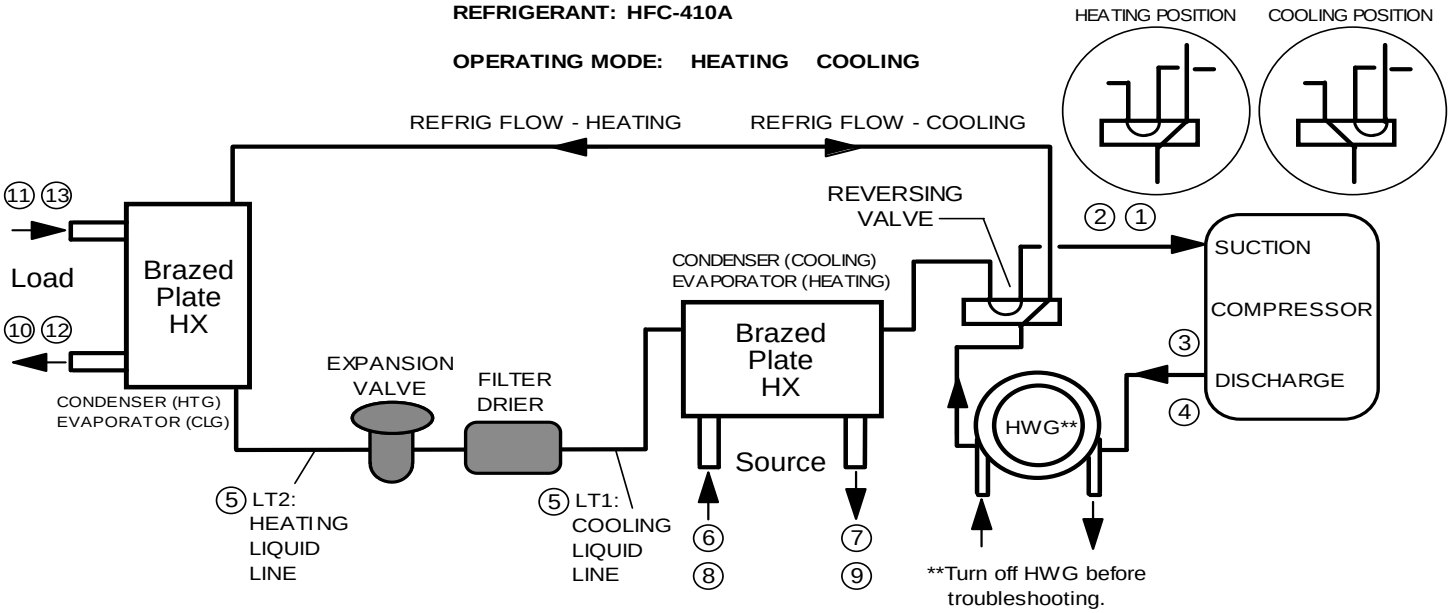
Customer: _____ Loop Type: _____ Startup Date: _____

Model #: _____ Serial #: _____ Antifreeze Type & %: _____

Complaint: _____

REFRIGERANT: HFC-410A

OPERATING MODE: HEATING COOLING



	Description	Heating	Cooling	Notes	
	Voltage				
	Compressor Amps				
1	Suction Temp				
2	Suction Press				
2a	Saturation Temp				
2b	Superheat				
3	Discharge Temp				
4	Discharge Press				
4a	Saturation Temp				
4b	Subcooling				
5	Liquid Line Temp				
6	Source Water In Tmp				
7	Source Water Out Tmp			H Temp Diff. =	C Temp Diff. =
8	Source Water In Pres				
9	Source Water Out Pres				
9a	Press Drop				
9b	Flow Rate GPM [l/s]				
10	Load Water In Temp				
11	Load Water Out Temp			H Temp Diff. =	C Temp Diff. =
12	Load Water In Pres				
13	Load Water Out Pres				
13a	Press Drop				
13b	Flow Rate GPM [l/s]				

Heat of Extraction (Absorption) or Heat of Rejection:

HE or HR =

Fluid Factor: (for Btuh)	Fluid Factor: (for kW)
500 (Water); 485 (Antifreeze)	4.18 (Water); 4.05 (Antifreeze)

_____ **Flow Rate x** _____ **Temp. Diff x** _____ **Fluid Factor**