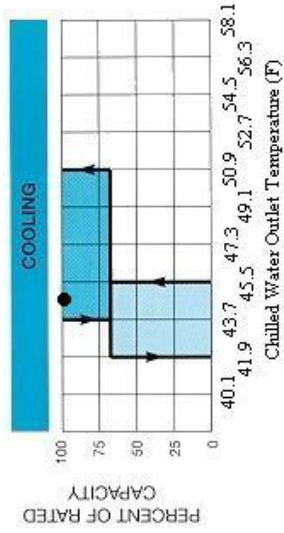
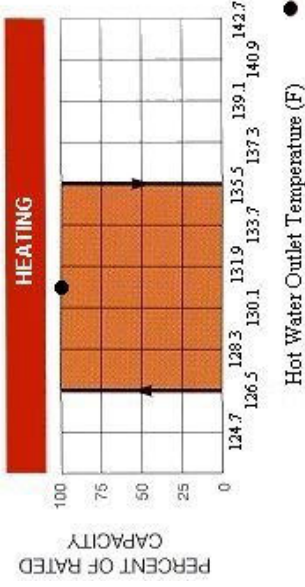




Gas Fired Double-Effect Chiller-Heaters



NOTE: Performance curves based on 8.5°F cooling water inlet temp., standard control settings and standard flow rates.



● Standard Rating Condition

Specifications

Model	CH-K	30	40	50	60	80	100	
Cooling	Capacity (Btu/hr x 10 ³)	360	480	600	720	960	1200	
	Chilled Water Temp. (°F)	44.6 Outlet, 54.5 Inlet						
Heating	Capacity (Btu/hr x 10 ³)	293	391	488	586	781	976	
	Hot Water Temp. (°F)	131.0 Outlet, 122.9 Inlet						
Chilled/Hot Water	Rated Water Flow (gpm)	72.6	96.8	121.0	145.2	193.5	241.9	
	Evap. Press. Drop (psi)	10.1						12.5
	Water retention volume (gal)	18.0	23.0	29.0	34.0	64.0	81.0	
	Heat Rejection (Btu/hr x 10 ³)	653	870	1088	1305	1741	2176	
Cooling Water	Cooling Water Temp. (°F)	85.0 Inlet, 95.8 Outlet						
	Rated Water Flow (gpm)*	120.8	161.0	201.3	241.5	322.0	402.5	
	Cond. & Abs. Press. Drop (psi)	10.9						14.1
	Water retention volume (gal)	38.3	47.6	62.1	78.2	108.6	141.1	
Fuel	Type	Natural Gas or Propane Gas						
	Input (Btu/hr x 10 ³)	Cooling	353	471	588	706	941	1176
Control	Heating	353	471	588	706	941	1176	
	Power supply	High (100%) - Low (70%) - Off On - Off						
Electrical	Consumption (W)	208V, 60 Hz, 3 ph.						
	Dry (lb)	1560	1790	1930	2100	2300	2500	
Pipe Connections	Chilled/Hot Water (in)	1560	1790	1930	2100	2300	2500	
	Cooling Water (in)	3950	4230	5090	5310	7500	8600	
	Gas (in)	2 NPT	2 1/2 NPT	3 NPT	3 Flanged	4 Flanged	5 Flanged	
	Exhaust Vent (in)	2 1/2 NPT	3 NPT	3 NPT	5 Flanged	5 Flanged	5 Flanged	
		1 - 1/2 NPT	2 NPT	2 NPT	2 1/2 NPT	2 1/2 NPT	2 1/2 NPT	
		6.3 Dia.	6.3 Dia.	6.3 Dia.	6.3 Dia.	6.3 Dia.	7.1 Dia.	

* 7. The standard propane gas supply pressure is 11.0 in. wc.