

DH Series Water Condensing Low Temperature Chiller Specifications

Semi-Hermetic Compressors, R-404A Refrigerant

Model	Units	40WCLT	60WCLT	75WCLT	100WCLT	150WCLT	220WCLT	270WCLT	300WCLT	440WCDLT	540WCDLT	600WCDLT
Capacity10 F(-12.2 C)	BTU/Hr(Tons)	32,300	46,400	55,600	73,500	100,000	133,000	152,000	200,000	260,000	332,000	380,000
Capacity0 F(-17.7 C)	BTU/Hr(Tons)	25,200	35,900	43,600	57,700	79,400	105,000	120,000	158,800	205,000	269,000	308,000
Capacity -10 F(-23.3 C)	BTU/Hr(Tons)	19,500	26,900	33,400	44,300	62,500	84,000	96,400	125,000	163,000	212,000	243,000
Capacity -20 F(-28.8 C)	BTU/Hr(Tons)	14,200	19,500	24,900	33,000	48,300	65,000	74,500	96,600	127,000	164,000	188,000
Capacity -30 F(-34.4 C)	BTU/Hr(Tons)	9,600	13,200	17,900	23,700	34,900	48,000	53,200	69,800	94,300	117,000	134,000
Compressor HP	HP	4	6	8	10	15	22	27	30	2 x 22	2 x 27	2 x 30
Standard Pump HP	HP	1/2	1/2	1/2	1	1	2	3	3	3	5	5
Condensor Flow Rate/Peak Operating												
City Water	GPM	6 / 3	9 / 3	12 / 5	15/6	23/8	33/9	40 / 11	46 / 16	61/17	82/22	86 / 23
Tower Water	GPM	12 / 5	18 / 6	23 / 9	30/12	45/15	66/18	81 / 22	90 / 30	123/34	165/44	178 / 48
Condensor Connections	Inches	3/4	3/4	3/4	1	1	2	1-1/2	1-1/2	2	3	2-1 / 2
Process Connections	Inches	1	1	1	1 1/2	1 1/2	1 1/2	2	2	2 1/2	3	3
Full Load Current												
208/230V-3-60	Amps	28.3	30.8	33.5	45.6	63.6	78.2	105.2	127.2	115	205	210
460-3-60	Amps	11.2	13	17.1	20.4	30.4	36.3	45.2	55.7	50	90.2	94.6
Tank Size	Gal	6	6	6	19	30	30	30	30	30	30	30
Physical Size												
Length	Inches	44	52	52	52	72	72	72	80	96	96	102
Width	Inches	26	28	28	28	32	32	32	36	72	72	72
Height(bolt down / Casters)	Inches	50 / 55	50 / 55	50 / 55	50 / 55	50 / 55	53 / 58	55 / 61	55 / 61	62 / 67	62 / 67	62 / 67
Approx Shipping Wt	Pounds	870	900	1000	1050	1600	1800	2000	2,100	3400	3700	3900

