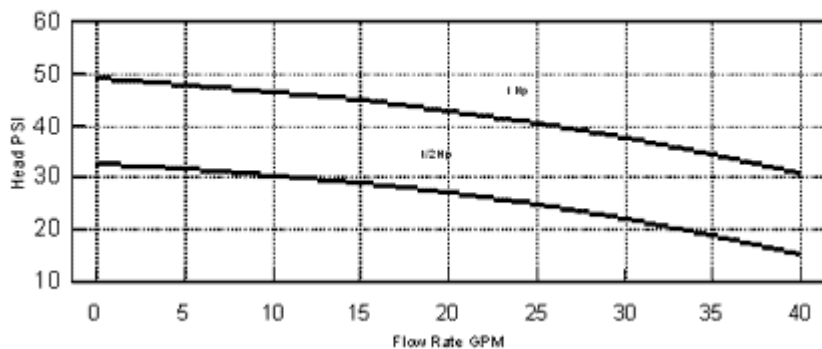


# DH Series Low Temperature Air Condensing Chiller Specifications

## Semi-Hermetic Compressors, R-404A Refrigerant, Vertical Discharge

Model	Units	30ACLT	40ACLT	60ACLT	75ACLT	100ACLT	150ACLT	220ACLT	300ACLT	300ACDLT	440ACDLT	600ACDLT
Capacity @ 15 F(-9.5 C)	BTU/Hr	24,650	30,555	43,310	56,350	74,700	99,900	114,000	159,000	197,000	238,000	301,500
Capacity @ 10 F(-12.2 C)	BTU/Hr	21,500	29,100	42,200	50,800	67,300	90,600	109,000	143,000	179,000	217,000	271,000
Capacity @ 0 F(-17.7 C)	BTU/Hr	15,200	22,800	32,300	39,700	52,500	72,000	87,000	111,000	143,000	175,000	210,000
Capacity @ -10 F(-23.3 C)	BTU/Hr	10,900	17,500	23,900	30,200	41,000	56,500	69,100	85,000	112,000	138,100	161,000
Capacity @ -20 F(-28.8 C)	BTU/Hr	7,400	12,800	16,800	22,300	29,600	42,800	53,300	63,000	84,600	106,200	119,000
Capacity @ -30 F(-34.4 C)	BTU/Hr	4,100	7,740	11,000	17,700	21,000	29,100	37,300	46,000	57,200	74,400	87,000
Compressor HP	HP	3	4	6	7.5	10	15	22	30	2 x 15	2 x 22	2 x 30
Standard Pump HP	HP	1/2	1/2	1/2	1/2	1	1	2	3	3	3	5
Condensator Fan	Qty x HP	1 x 0.5	1 x 0.5	1 x 0.5	1 x 0.5	2 x 0.5	1 x 2	2 x 2	2 x 2	2 x 2	4 x 2	4 x 2
Condensator Air Flow	CFM	5,000	5,000	5,000	5,000	10,000	9,100	18,200	18,200	18,200	36,400	36,400
Process Connections	Inches mnpt	1	1	1	1	1 1/2	1 1/2	1 1/2	2	2	2	2
Full Load Current												
208/230V-1-60	Amps	-	-	-	-	-	-	-	-	-	-	-
208/230V-3-60	Amps	23	30.3	30.5	37.1	52.4	77.2	91.8	125	176	184	250
460-3-60	Amps	11.1	12.2	14	18.9	23.8	37.2	43.1	59	80	86	118
Tank Size	Gal	6	6	6	6	19	30	30	30	44	44	44
Physical Size												
Length	Inches	46	46	62	62	96	68	126	126	126	126	126
Width	Inches	32	32	40.8	40.8	40.8	49	49	49	49	95	95
Height	Inches	52 / 57	52 / 57	48.5 / 52.5	48.5 / 52.5	48.5 / 52.5	67 / 73	67 / 73	67 / 73	67 / 73	67 / 73	67 / 73
Approx Shipping Wt	Pounds	950	1000	1050	1200	1460	2100	2200	2500	2900	3100	2900

Pump Performance  
 1/2 and 1 Horsepower



Pump Performance  
 2.0 and 5 Horsepower

