

DH Water Condensing Chiller Specifications

Semi-Hermetic Compressors, R-22 Refrigerant

Model	Units	30WC	50WC	75WC	100WC	100WCD	150WC	150WCD	200WC	200WCD	250WC	300WC	300WCD
Rated Capacity @ 50°F	Tons	3.8	6	8.1	10.5	11.2	15.2	16	18.3	20.4	22.5	30	30.2
Rated Capacity @ 50°F	BTU/Hr	45,600	7,200	97,200	126,000	134,000	182,400	192,000	220,000	245,000	270,000	360,000	362,000
Rated Capacity @ 50°F	KiloWatts	13.4	21.1	28.4	36.9	39.4	53.4	56.2	64.4	71.8	79.1	105.4	106.3
Compressor	HP	3	5	7.5	10	2x5	15	2x7.5	20	2x10	25	30	2x15
Standard Pump	HP	1/2	1	1	2	2	2	3	5	5	5	5	5
Condenser Flow Rate													
City Water	GPM	3	4.5	6	8	8	11	14	16	18	19	22	23
Tower Water (85 degrees F)	GPM	11	18	24	32	32	46	54	64	72	75	87	105
Condensor Connections	Inches	3/4" mnpt	3/4" mnpt	3/4" mnpt	1" mnpt	1" mnpt	1 1/4" mnpt	1 1/4" mnpt	1 1/2" mnpt	1 1/2" mnpt	2" mnpt	2" mnpt	2" mnpt
Process Connections	Inches	1" mnpt	1" mnpt	1" mnpt	1 1/2" mnpt	1 1/2" mnpt	1 1/2" mnpt	1 1/2" mnpt	1 1/2" mnpt	1 1/2" mnpt	2" mnpt	2" mnpt	2" mnpt
Full Load / Running Load Current													
208/230V-3-60	Amps	15.1/12.1	25.6/20.5	36.4/29.1	51.6/41.3	51.3/40.4	72.6/58.1	75.2/60.2	86.6/69.3	105/83.8	112/89.6	115/92.1	141/113
460-3-60	Amps	7.6/6.1	13.9/11.1	17.7/14.2	25.5/20.4	27.5/21.4	36.3/29.0	39.4/31.5	43.3/34.6	51.8/41.4	56.1/44.9	60.1/48.1	70.6/56.5
Tank Size	Gal	6	6	6	19	19	30	30	30	30	30	44	44
Physical Size													
Length	Inches	40	44	52	52	68	72	72	72	72	72	80	80
Width	Inches	18	20	28	28	36	32	36	32	36	32	32	40
Height (bolt down / casters)	Inches	45/49	50/55	50/55	53/58	53/58	53/58	53/58	55/61	55/61	55/61	55/61	55/61
Approx Shipping Wt	Pounds	700	900	1000	1050	1400	1600	1800	1800	2100	1900	2000	2400

