

# SELF CONTAINED PACKAGE WATER CHILLER

**The Most Cost Effective  
Chilling Solution For  
Industrial & Commercial  
Process Equipment**



## Standard Features:

- High efficiency condenser coil; Keeps cooling in hot 100° F Air
- Refrigeration, pressure, and temperature gauges
- Condenser head pressure control for 0° F ambient operation
- Copeland Scroll Compressors
- Stainless Steel, Brazed Plate Evaporator with hot gas capacity control
- High Pressure Pumps; Minimum 40 psi to machine
- Heavy Duty Poly Tanks: Last for the life of the chiller
- Heavy 2" tubular frames
- Laminated Polyethylene Cabinet Panels; Looks & Lasts Like Stainless
- Standard Remote Control; Digital Thermostat & Lighted Switches
- Extra Safety Features – Liquid Line Solenoid Valve – Water Flow Safety Switch – Refrigerant Pump Down – Compressor Thermal Safety – Low Pressure Freeze safety
- Every Chiller Quality Checked; Four Hour Load Test & Calibration
- Fluid flow safety switch interlocks compressor in no flow condition

## Options:

- Flooded condenser controls for operation to -10°F ambients
- Steel expansion or stainless steel tanks
- Stainless steel single or multi-stage pumps
- Dual pumps with auto lead/lag controls
- Castors for portability

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## Electrical Data

Model Number	Power Supply	Rated Tons	Compressors			Fan Motors			1 Pump Motors		Total System		
			Qty	LRA Amps (ea)	RLA Amps (ea.)	Qty	Fan HP	Total FLA Amps	HP	FLA Amps	FLA Amp	Min Ckt	Max Fuse
CAP0151	208-230/1/60	1.5	1	40.3	7.7	1	1/8	.5	3/4	4.2	12.4	16.1	20
CAP0201	208-230/1/60	2.0	1	54	10.4	1	1/8	.75	3/4	2.1	13.3	17.3	20
CAP0301	208/1/60	3.0	1	77	14.4	1	1/4	1.1	1.0	5.6	21.1	27.5	30
CAP0303	208-230/3/60	3.0	1	70	10.0	1	1/4	1.4	1.0	5.6	17.0	22.1	25
CAP0304	460/3/60	3.0	1	33	5.1	1	1/5	.80	1.0	2.8	8.7	11.3	15
CAP0401	208-230/1/60	4.0	1	137	20.2	1	1/3	1.2	1.5	6.0	27.4	35.6	40
CAP0403	208-230/3/60	4.0	1	91.0	12.8	1	1/3	1.4	1.5	6.0	20.2	26.2	30
CAP0404	460/3/60	4.0	1	46.0	6.4	1	1/3	.80	1.5	3.2	10.4	13.5	15
CAP0501	208-230/1/60	5.0	1	141	25.3	1	1/3	1.2	1.5	6.0	31.5	40.1	40
CAP0503	208-230/3/60	5.0	1	137	18.3	1	1/3	1.2	1.5	6.0	25.7	33.4	35
CAP0504	460/3/60	5.0	1	62	9.0	1	1/3	.80	1.5	3.2	13.0	16.9	20
CAP0753	208-230/3/60	7.5	1	190	25.6	1	3/4	3.03	1.5	6.0	34.7	45.1	50
CAP0754	460/3/60	7.5	1	95	12.8	1	3/4	1.6	1.5	3.2	17.6	22.9	25
CAP1003	208-230/3/60	10.0	1	239	37.8	2	1.0	1.5	2.0	6.8	46.1	59.5	60
CAP1004	460/3/60	10.0	1	125	17.2	2	1.0	0.7	2.0	3.4	21.3	27.7	30
CAP1253	208-230/3/60	12.5	2	156	18.6	2	3/4	8.0	2.0	6.8	52.4	56.6	70
CAP1254	460/3/60	12.5	2	70	8.9	2	3/4	4.0	2.0	3.3	25.2	32.7	40
CAP1503	208-230/3/60	15.0	2	195	32.1	2	3/4	9.4	3.0	8.0	81.6	102	125
CAP1504	460/3/60	15.0	2	95	16.4	2	3/4	5.0	3.0	4.0	41.8	52.3	60
CAP2003	208-230/3/60	20.0	2	239	42	2	1.5	9.7	3.0	8.0	101.7	127.2	150
CAP2004	460/3/60	20.0	2	125	19.2	2	1.5	5.0	3.0	4.0	47.3	61.5	75

<sup>1</sup> Standard pumps in 2 through 10 ton are single phase

## Physical Data

Rated Tons	Dimensions Cabinet ( in )			Shipping Wt.		Pipe Connections ( in )			Max Pump (gpm)	Tank Capacity (gal)
	D	W	H	lbs	kg	In	Out	Drn		
1.5	28"	27"	60"	300	137	3/4"	3/4"	3/4"	8	19
2.0	28"	27"	60"	300	137	3/4"	3/4"	3/4"	8	26
3.0	24"	24"	69"	325	148	3/4"	3/4"	3/4"	12	26
4.0	24"	24"	69"	370	168	1"	1"	3/4"	16	55
5.0	31"	31"	75"	500	223	1"	1"	3/4"	20	55
7.5	42"	49"	65"	1000	295	1-1/4"	1-1/4"	3/4"	30	85
10.0	34"	72"	58"	1200	467	1-1/4"	1-1/4"	3/4"	40	85
12.5	34"	80"	65"	1500	682	1-1/2"	1-1/2"	3/4"	40	100
15.0	44"	80"	75"	1800	818	1-1/2"	1-1/2"	3/4"	40	100
20.0	44"	80"	75"	1928	876	2"	2"	3/4"	60	150

Specifications subject to change without notice.