

HIGH EFFICIENCY WATER COOLED CHILLERS with brazed plate evaporator and condenser.

MODEL NUMBER	LEAVING CHILLED WATER TEMPERATURE	CONDENSER WATER IN TEMPERATURE		CONDENSER WATER IN TEMPERATURE		CONDENSER WATER IN TEMPERATURE		CONDENSER WATER IN TEMPERATURE	
		75 F - 20 C	POWER KW	80 F - 26 C	POWER KW	85 F - 29 C	POWER KW	90 F - 32 C	POWER KW
W-030DZV	45 F - 7.2 C	29 tons	18.0 kw	28 tons	19.0 kw	27 tons	20.0 kw	26 tons	21.1 kw
	50 F - 10 C	32 tons	21.1 kw	31 tons	19.3 kw	30 tons	20.3 kw	29 tons	21.4 kw
	55 F - 12.7 C	35 tons	18.7 kw	34 tons	19.6 kw	33 tons	20.5 kw	32 tons	21.6 kw
WC55DZV	45 F - 7.2 C	54 tons	34.7 kw	52 tons	36.4 kw	51 tons	36.4 kw	49 tons	40.3 kw
	50 F - 10 C	59 tons	35.2 kw	58 tons	36.8 kw	56 tons	38.7 kw	54 tons	40.6 kw
	55 F - 12.7 C	65 tons	35.6 kw	63 tons	37.2 kw	62 tons	39.0 kw	60 tons	41.0 kw
WC080DZV	45 F - 7.2 C	78 tons	47.1 kw	75 tons	50.0 kw	73 tons	53.2 kw	71 tons	56.6 kw
	50 F - 10 C	85 tons	47.3 kw	83 tons	50.2 kw	81 tons	53.3 kw	78 tons	56.7 kw
	55 F - 12.7 C	93 tons	47.6 kw	91 tons	50.5 kw	89 tons	53.6 kw	86 tons	57.0 kw
WC140DZV	45 F - 7.2 C	137 tons	94 kw	134 tons	95.5 kw	130 tons	100 kw	126 tons	105 kw
	50 F - 10 C	150 tons	95 kw	147 tons	97 kw	140 tons	101 kw	128 tons	106 kw
	55 F - 12.7 C	137 tons	96 kw	160 tons	99 kw	155 tons	103 kw	150 tons	108 kw

SHADED AREA NOMINAL DESIGN CONDITIONS - chilled water flow 2.4 gpm per ton, 50 F leaving water, condenser water flow 3 gpm ton, entering 85 F (29 C)

HIGH EFFICIENCY REMOTE AIR COOLED CONDENSER CHILLERS with a brazed plate evaporator, dual circuit copper tube - aluminum fin condenser with high efficiency – low noise propeller fans.

MODEL NUMBER	LEAVING CHILLED WATER TEMPERATURE	CONDENSER AIR IN TEMPERATURE		CONDENSER AIR IN TEMPERATURE		CONDENSER AIR IN TEMPERATURE		CONDENSER AIR IN TEMPERATURE	
		85 F - 29 C	POWER KW	90 F - 232 C	POWER KW	95 F - 35 C	POWER KW	100 F - 37 C	POWER KW
RC030DZV	45 F - 7.2 C	30.0 tons	26.0 kw	29.0 tons	27.5 kw	28.0 tons	29.2 kw	26.0 tons	27.5 kw
	50 F - 10 C	33.0 tons	26.4 kw	31.0 tons	27.7 kw	30.0 tons	29.0 kw	29.0 tons	27.7 kw
	55 F - 12.7 C	36.0 tons	27.0 kw	35.0 tons	28.1 kw	33.0 tons	29.5 kw	32.0 tons	31.1 kw
RC050DZV	45 F - 7.2 C	49 tons	42.6 kw	47 tons	44.9 kw	45 tons	47.5 kw	44.0 tons	47.4 kw
	50 F - 10 C	54 tons	42.9 kw	52 tons	45.2 kw	50 tons	47.7 kw	48.0 tons	47.7 kw
	55 F - 12.7 C	59 tons	43.2 kw	57 tons	45.5 kw	55 tons	48.0 kw	53.0 tons	48.0 kw
RC080DZV	45 F - 7.2 C	77 tons	67.8 kw	74 tons	72.2 kw	71 tons	77.0 kw	68 tons	82.0 kw
	50 F - 10 C	85 tons	68.0 kw	82 tons	72.4 kw	80 tons	77.1 kw	76 tons	82.1 kw
	55 F - 12.7 C	93 tons	68.2 kw	90 tons	72.5 kw	87 tons	77.2 kw	83 tons	82.0 kw
RC125DZV	45 F - 7.2 C	122 tons	110 kw	118 tons	116 kw	114 tons	122 kw	110 tons	129 kw
	50 F - 10 C	134 tons	111 kw	130 tons	117 kw	125 tons	123 kw	121 tons	130 kw
	55 F - 12.7 C	147 tons	112 kw	142 tons	118 kw	138 tons	124 kw	133 tons	131 kw

SHADED AREA NOMINAL DESIGN CONDITIONS - chilled water flow 2.4 gpm per ton, 50 F leaving water, 95 F (35 C) condenser entering air temperature.

KW - Chiller only, does not include condenser fans.

MODEL NUMBER	LEAVING CHILLED WATER TEMPERATURE	CONDENSER AIR IN TEMPERATURE		CONDENSER AIR IN TEMPERATURE		CONDENSER AIR IN TEMPERATURE		CONDENSER AIR IN TEMPERATURE	
		85 F - 29 C	POWER KW	90 F - 232 C	POWER KW	95 F - 35 C	POWER KW	100 F - 37 C	POWER KW
AC030DZV	45 F - 7.2 C	29.5 tons	30.0 kw	28.5 tons	31.2 kw	27.5 tons	32.9 kw	26.0 tons	34.5 kw
	50 F - 10 C	32.0 tons	33.1 kw	31.0 tons	31.6 kw	30.0 tons	33.1 kw	29.0 tons	34.7 kw
	55 F - 12.7 C	35.0 tons	30.6 kw	34.0 tons	31.9 kw	33.0 tons	33.3 kw	31.0 tons	35.0 kw
AC40DZV	45 F - 7.2 C	39.1 tons	33.8 kw	37.7 tons	35.6 kw	36.0 tons	37.5 kw	35 tons	39.6 kw
	50 F - 10 C	43.2 tons	34.1 kw	41.7 tons	36.0 kw	40.0 tons	37.9 kw	38.6 tons	40.0 kw
	55 F - 12.7 C	47.6 tons	34.5 kw	46.0 tons	36.4 kw	44.0 tons	38.3 kw	42.6 tons	40.4 kw
AC060DZV	45 F - 7.2 C	62.0 tons	54.3 kw	60.0 tons	57.7 kw	58.0 tons	61.4 kw	55.0 tons	65.3 kw
	50 F - 10 C	68.0 tons	54.5 kw	66.0 tons	57.9 kw	64.0 tons	61.5 kw	61.0 tons	65.4 kw
	55 F - 12.7 C	75.0 tons	54.7 kw	73.0 tons	58.0 kw	70.0 tons	61.7 kw	67.0 tons	65.5 kw

SHADED AREA NOMINAL DESIGN CONDITIONS - chilled water flow 2.4 gpm per ton, 50 F leaving water, 95 F (35 C) condenser entering air temperature.