

Specifications for Remote Air Cooled Condenser Chillers

MODEL	RCAP-3	RCAP-5	RCAP-7.5	RCAP-10	RCAP-15	RCAP-20T	RCAP-25T	RCAP-30T
CAPACITY								
95 F AMBIENT AIR								
LEAVING WATER TEMP								
7.2C (45F)	2.6	4.4	6.3	9.1	13.8	18	22	27
10C (50F)	2.9	4.9	7.0	10	15.2	20	24.8	30
12C (55F)	3.1	5.4	7.7	10.9	16.7	22	27	33.5
REFRIGERATION								
CIRCUITS	1	1	1	1	1	1	1	1
NUMBER OF COMPRESSORS - HP								
	3	5	7.5	10	15	2 - 10 TANDEM	2 - 13 TANDEM	2 - 15 TANDEM
PUMP HP								
	3/4	1	1	1 1/2	2	3	5	5
CHILLER FLOW								
gpm	7.2	12	18	24	36	48	60	72
m3/hr	1.6	2.7	4.1	5.4	8.1	10.9	13.6	16.3
CHILLER CONNECTIONS								
inches	1	1 1/4	1 1/2	1 1/2	2	2	2	2.5
mm	25.4	31.7	38.1	38.1	50.8	50.8	50.8	63.5
CONDENSER FAN HP								
	1/2	1/2	1	1	2 -	2 - 1	2 - 1	3 - 1
CHILLER SIZE								
inches	45x35x60	45x35x60	45x39x60	45x39x60	66x36x60	66x42x68	66x42x68	66x42x68
cm	114x89x152	114x89x152	114x99x152	114x99x152	168x91x152	168x107x173	168x107x173	168x107x173
CHILLER WEIGHT								
lbs								
kg								
CONDENSER SIZE L X W X H								
inches	58 x 45x 49	58 x 45 x 49	58 x 45 x 49	58 x 45 x 49	112 x 45 x49	112 x 45 x49	112 x 45 x49	166 x45 x 49
cm	147x114x124	147x114x124	147x114x124	147x114x124	284x114x124	284x114x124	284x114x124	421x114x124
CONDENSER WEIGHT								
lbs	440	440	440	470	720	775	840	1060
kg	200	200	200	214	328	352	382	482
KW DRAW								
AT 50F L.W.T	3.77	5.97	13.1	17.5	24.5	34.5	36.8	49.0
AT MAXIMUM	5.0	8.15	16.1	21.5	31.4	42.9	46.7	62.3
MIN. CIRCUIT AMPACITY								
208-220/1/60	34.9	52.3	70	70	70	70	70	70
230/3/60	17.6	27.5	41.5	55.0	81	100	110	147
460/3/60	8.8	13.7	20.75	27.5	40.5	50.0	55.0	74
575/3/60	7.0	11	16.5	22	32.4	40	44	59
380-415/3/50	8.7	13.7	20	27	40	50	55	74
MAX. DUAL ELEMENT FUSE								
208-220/1/60	50	70	70	70	70	70	70	70
230/3/60	25	40	60	80	120	120	140	170
460/3/60	15	20	30	40	60	60	70	90
575/3/60	10	15	25	33	50	50	60	70
380-415/3/50	15	20	30	40	50	60	80	90

Capacity based on: Cooling 2.4 GPM of water from 60F to 50F (15.5C to 10C) at 95F (35C) ambient air temperature.
 Capacities, Dimensions and Weights are approximate and can change without notice.
 50 hertz operation: multiply capacity by 0.83 and kw by 0.85.