

30RAP Series Outdoor Air-Cooled Chillers (Scroll Compressors)

Model Number ¹	Tons ²	Ship Weight (Lbs)	MCA ³ 460/3/60	Dimensions L x W x H (Inch)	Process In & Out Size (Inch)	Compressor Qty	Min Unloaded Capacity
30RAP010	11.6	705	26.2	67 x 41 x 66	2	1	20%
30RAP015	15.4	720	36.5	67 x 41 x 66	2	1	20%
30RAP018	17.9	1,125	43.4	89 x 41 x 66	2	2	20%
30RAP020	20.5	1,135	46.1	89 x 41 x 66	2	2	24%
30RAP025	25.2	1,245	57.8	89 x 41 x 78	2	2	29%
30RAP030	29.7	1,285	66.3	89 x 41 x 78	2	2	32%
30RAP035	37.6	2,165	82.4	89 x 93 x 66	2½	4	9%
30RAP040	43.2	2,185	86.2	89 x 93 x 66	2½	4	11%
30RAP045	47.8	2,240	97.9	89 x 93 x 78	2½	4	12%
30RAP050	51.9	2,265	106.9	89 x 93 x 78	2½	4	14%
30RAP055	57.5	2,370	118.3	89 x 93 x 78	2½	4	13%
30RAP060	61.4	2,375	125.9	89 x 93 x 78	2½	4	16%
30RAP070	76.3	3,410	155.7	151 x 93 x 78	3	5	13%
30RAP080	86.2	3,645	174.1	151 x 93 x 78	3	6	9%
30RAP090	92.8	3,700	185.5	151 x 88 x 78	3	6	11%
30RAP100	107.2	4,690	203.1	191 x 88 x 78	4	5	13%
30RAP115	124.1	5,010	227.6	191 x 88 x 78	4	6	11%
30RAP130	140.7	6,455	259.4	232 x 88 x 78	4	6	9%
30RAP150	153.8	6,940	289.0	232 x 88 x 78	4	6	11%
30RB160	171.0	9,475	328.9	236 x 89 x 91	6	7	8%
30RB170	186.0	9,800	355.6	236 x 89 x 91	6	7	10%
30RB190	210.4	11,065	408.0	283 x 89 x 91	6	8	9%
30RB210	226.9	12,775	422.9	283 x 89 x 91	6	9	6%
30RB225	239.8	13,095	449.6	283 x 89 x 91	6	9	8%
30RB250	265.8	14,350	502.0	330 x 89 x 91	6	10	7%
30RB275	290.5	15,650	554.4	377 x 89 x 91	6	11	7%
30RB300	315.4	16,895	606.8	424 x 89 x 91	6	12	6%

¹All chillers have one process fluid circuit. There is one refrigeration circuit on the 30RAP010 – 30RAP030, all others have two.

²Tons based upon 50°F leaving water, 95°F ambient air entering the condenser, R410A refrigerant, operating at sea level.

³MCA is Minimum Circuit Amps (for wire sizing).

30 Series Outdoor Air-Cooled Chiller

30XA Series Packaged Outdoor Air-Cooled Chillers (Rotary Screw Compressors)

Model Number ¹	Tons ²	Ship Weight (Lbs)	MCA ³ 460/3/60	Dimensions L x W x H (Inch)	Process In & Out Size (Inch)	Compressor Qty	Min Unloaded Capacity
30XA080	84.7	7,675	158	142 x 89 x 91	5	2	15
30XA090	94.1	9,960	167	189 x 89 x 91	5	2	15
30XA100	103.8	10,190	183	189 x 89 x 91	5	2	15
30XA110	112.9	10,330	203	189 x 89 x 91	5	2	14
30XA120	121.9	10,475	219	189 x 89 x 91	5	2	15
30XA140	147.4	12,760	268	236 x 89 x 91	5	2	11
30XA160	166.9	13,005	310	236 x 89 x 91	5	2	11
30XA180	190.1	13,590	337	283 x 89 x 91	6	2	15
30XA200	212.4	13,715	384	283 x 89 x 91	6	2	15
30XA220	230.2	14,730	425	330 x 89 x 91	6	2	14
30XA240	246.2	14,890	455	330 x 89 x 91	6	2	15
30XA260	275.4	16,855	517	377 x 89 x 91	8	2	11
30XA280	293.3	17,025	550	377 x 89 x 91	8	2	13
30XA300	311.1	17,365	611	377 x 89 x 91	8	2	12
30XA325	337.6	18,835	625	424 x 89 x 91	8	2	15
30XA350	352.7	19,040	686	424 x 89 x 91	8	2	15
30XA400	416.9	24,580	747	471 x 89 x 91	8	3	9
30XA450	467.7	26,600	880	518 x 89 x 91	8	3	6
30XA500	497.7	26,895	932	518 x 89 x 91	8	3	7

¹All chillers have one process fluid circuit and two refrigeration circuits.

²Tons based upon 50°F leaving water, 95°F ambient air entering the condenser, R134A refrigerant, and operating at sea level.

³MCA is Minimum Circuit Amps (for wire sizing).



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30 Series Specification 00