

30RC 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
30RC-067	66	3,408	136.9	105 x 88 x 99	3	4	25%
30RC-072	75	3,641	145.9	105 x 88 x 99	3	4	21%
30RC-082	82	3,879	153.9	105 x 88 x 99	3	4	25%
30RC-092C	92	3,879	162.9	105 x 88 x 99	3	4	22%
30RC-092	94	4,639	168.1	152 x 88 x 99	3	4	22%
30RC-102C	100	3,955	170.9	105 x 88 x 99	5	4	25%
30RC-102	103	4,718	176.1	152 x 88 x 99	5	4	25%
30RC-112	115	5,197	201.4	152 x 88 x 99	5	5	18%
30RC-122C	122	5,198	213.4	152 x 88 x 99	5	5	20%
30RC-122	124	5,902	213.4	199 x 88 x 99	5	5	20%
30RC-132C	133	5,562	238.6	152 x 88 x 99	5	6	15%
30RC-132	136	6,331	243.8	199 x 88 x 99	5	6	15%
30RC-152C	154	5,662	276.4	152 x 88 x 99	5	5	17%
30RC-152	156	6,435	281.6	199 x 88 x 99	5	5	17%
30RC-162C	163	6,486	318.2	199 x 88 x 99	5	4	25%
30RC-162	166	7,300	323.4	247 x 88 x 99	5	4	25%
30RC-182C	183	7,804	366.1	247 x 88 x 99	5	5	20%
30RC-182	187	8,545	371.3	294 x 88 x 99	5	5	20%
30RC-202C	203	7,945	392.4	247 x 88 x 99	5	5	20%
30RC-202	207	8,686	397.6	294 x 88 x 99	5	5	20%
30RC-232C	233	9,101	435.3	294 x 88 x 99	5	6	17%
30RC-232	238	9,890	440.5	341 x 88 x 99	5	6	17%
30RC-252C	253	9,101	466.6	294 x 88 x 99	5	6	17%
30RC-252	258	9,890	471.8	341 x 88 x 99	5	6	17%

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, R32 refrigerant, operating at sea level.

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

30 Series Outdoor Air-Cooled Chiller

30XV Series Packaged Outdoor Air-Cooled Chillers (Variable-Speed 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
30XV-140	144	10,937	261.6	208 x 88 x 99	6	2	15%
30XV-160	164	11,506	306.6	208 x 88 x 99	6	2	15%
30XV-180	185	11,686	353.1	208 x 88 x 99	6	2	15%
30XV-200	205	12,785	366.3	255 x 88 x 99	6	2	15%
30XV-225	231	13,627	426.9	252 x 88 x 99	6	2	15%
30XV-250	256	15,893	478.9	299 x 88 x 99	6	2	15%
30XV-275	282	16,263	514.6	299 x 88 x 99	6	2	15%
30XV-300	308	17,164	528.3	346 x 88 x 99	6	2	15%
30XV-325	333	18,237	579.3	393 x 88 x 99	6	2	15%
30XV-350	359	21,232	685.8	406 x 88 x 99	8	2	15%
30XV-400	410	24,463	737.5	453 x 88 x 99	8	2	15%
30XV-450	461	25,567	853.7	500 x 88 x 99	8	2	15%
30XV-500	513	27,241	937.8	547 x 88 x 996	8	2	15%

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, R513A refrigerant, and operating at sea level.

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



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Thermal Care is ISO-9001 Certified
 Manufacturer reserve the right to change specification
 or design without notification or obligation
 30 Series Specification 01