PAC Series
10 to 500 Ton
Air Cooled Chillers

PACL Series Packaged Outdoor Air-Cooled Chillers

	Thermal Care Model #	Tons[1]	Ship Weight (Lbs)	MCA[2] 460/3/60	Dimensions L x W x H (Inch)	Supply & Return Connection Sizes (Inch)	Compressor Qty	Fan Qty	Number of Refrigerant Circuits	Minimum Unloaded Capacity
Scroll Compressor Chillers R22 Refrigerant	PACL10	11	945	24	82 x 44 x 52	2	1	1	1	100%
	PACL15	17	1070	34	82 x 44 x 52	2	1	1	1	100%
	PACL18	19	1205	36	82 x 44 x 52	2	2	1	1	50%
	PACL22	26	1520	45	108 x 44 x 52	2	2	2	1	42%
	PACL25	28	1585	51	108 x 44 x 52	2	2	2	1	50%
	PACL30	33	1700	59	108 x 44 x 52	2	2	2	1	50%
	PACL35	42	2835	74	108 x 90 x 52	2½	3	3	2	25%
	PACL40	45	2900	79	108 x 90 x 52	2½	3	3	2	32%
	PACL45	51	3205	86	108 x 90 x 52	2½	4	4	2	22%
	PACL50	57	3295	96	108 x 90 x 52	2½	4	4	2	25%
	PACL55	66	3495	111	108 x 90 x 52	2½	4	4	2	25%
Scroll Compressor Chillers R410a Refrigerant	PACL60	70	4,705	128	95 x 89 x 90	4	3	4	2	33%
	PACL70	80	4,915	148	95 x 89 x 90	4	3	4	2	29%
	PACL80	92	5,260	161	95 x 89 x 90	4	4	4	2	25%
	PACL90	105	6,590	192	142 x 89 x 90	4	4	6	2	22%
	PACL100	116	6,815	210	142 x 89 x 90	4	4	6	2	25%
	PACL110	127	7,070	225	142 x 89 x 90	6	5	6	2	18%
	PACL120	143	8,240	262	189 x 89 x 90	6	5	7	2	20%
	PACL130	155	8,595	277	189 x 89 x 90	6	6	8	2	15%
	PACL150	176	9,810	304	189 x 89 x 90	6	6	8	2	17%
	PACL160	187	10,900	329	236 x 89 x 90	6	7	10	2	13%
	PACL170	203	11,235	356	236 x 89 x 90	6	7	10	2	14%
	PACL190	230	12,650	408	283 x 89 x 90	6	8	12	2	13%
	PACL210	246	13,020	423	283 x 89 x 90	6	9	12	3	10%
	PACL225	261	13,355	450	283 x 89 x 90	6	9	12	3	11%
	PACL250	289	14,755	502	330 x 89 x 90	6	10	14	3	10%
	PACL275	317	16,200	555	377 x 89 x 90	6	11	16	3	9%
	PACL300	345	17,590	607	424 x 89 x 90	6	12	18	3	8%
	PACL315	373	This is two PACL160 chillers							6%
	PACL330	389	This is a PACL160 and a PACL170 chiller							6%
	PACL345	405	This is two PACL170 chillers							7%
	PACL360	433	This is a PACL170 and a PACL190 chiller							7%
	PACL390	460	This is two PAC190 chillers							6%

[1]Tons based upon 55°F leaving water temperature and 95°F ambient air entering the condenser.
[2]MCA stands for Minimum Circuit Amps (for wire sizing) and complies with NEC Section 430-24.

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

	Thermal Care Model #	Tons[1]	Ship Weight (Lbs)	MCA[2] 460/3/60	Dimensions L x W x H (Inch)	Supply & Return Connection Sizes (Inch)	Compressor Qty	Fan Qty	Number of Refrigerant Circuits	Minimum Unloaded Capacity
Rotary Screw Compressor Chillers R134a Refrigerant	PACS80	84	7,675	158	142 x 89 x 91	5	2	6	2	15%
	PACS90	94	8,705	167	189 x 89 x 91	5	2	8	2	15%
	PACS100	103	8,935	183	189 x 89 x 91	5	2	8	2	15%
	PACS110	112	9,075	203	189 x 89 x 91	5	2	8	2	14%
	PACS120	121	9,220	219	189 x 89 x 91	5	2	8	2	15%
	PACS140	146	11,505	268	236 x 89 x 91	5	2	10	2	11%
	PACS160	166	11,750	310	236 x 89 x 91	5	2	10	2	11%
	PACS180	188	13,590	337	283 x 89 x 91	6	2	12	2	15%
	PACS200	211	13,715	384	283 x 89 x 91	6	2	12	2	15%
	PACS220	229	14,730	425	330 x 89 x 91	6	2	13	2	14%
	PACS240	245	14,890	455	330 x 89 x 91	6	2	13	2	15%
	PACS260	274	16,855	517	377 x 89 x 91	8	2	15	2	10%
	PACS280	292	17,025	550	377 x 89 x 91	8	2	16	2	13%
	PACS300	310	17,365	611	377 x 89 x 91	8	2	16	2	12%
	PACS325	336	18,835	625	424 x 89 x 91	8	2	18	2	15%
	PACS350	352	19,040	686	424 x 89 x 91	8	2	18	2	14%
	PACS400	414	23,955	340 & 452[3]	471 x 89 x 91	8	3	20	3	9%
	PACS450	461	25,975	402 & 554[3]	518 x 89 x 91	8	3	22	3	6%
	PACS500	490	26,270	402 & 605[3]	518 x 89 x 91	8	3	22	3	7%

[1]Tons based upon 50°F leaving water temperature and 95°F ambient air entering the condenser.
[2]MCA stands for Minimum Circuit Amps (for wire sizing) and complies with NEC Section 430-24.
[3]One the PACS400 and larger, there are two power connection points. The MCA shown is connection point A/connection point B.

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