

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling ①	Motor Type	Displacement (cm³/rev.)	Cooling Capacity (W) Evaporating Temperature								Oil Type ④
							ASHRAE ③								
							-20,0°C (-4°F)	-15,0°C (5°F)	-9,4°C (15°F)	-3,9°C (25°F)	7,2°C (45°F)	COP (W/W)	10,0°C (50°F)	12,8°C (55°F)	
R134a	AE3414YS	AE500KS	220-240/50	F	RSIR	4,49	116	159	212	354	1,70	398	446	POE	
R134a	AE3417YS	AE520KS	220-240/50	F	RSIR	5,67	148	203	270	451	1,86	507	568	POE	
R134a	AE3425YS	AE530KS	220-240/50	F	RSIR	7,57	221	303	403	673	1,92	757	849	POE	
R134a	AE3430YS	AE510GS	220/50-60	F	RSIR	8,85	274	375	500	835	2,14	939	1051	POE	
R134a	AE3430YS	AE510KS	220-240/50	F	RSIR	8,85	274	375	500	835	2,02	939	1051	POE	
R134a	AE3440YS	AE635GS	220/50-60	F	RSIR	12,04	346	474	631	1054	2,00	1186	1328	POE	
R134a	AE3440YS	AE635KS	220-240/50	F	RSIR	12,04	346	474	631	1054	1,90	1186	1328	POE	
R134a	AE3440YS	AE635PS	100/50-60	F	RSIR	12,04	346	474	631	1054	1,91	1186	1328	POE	
R134a	AE3448YS	AE650KS	220-240/50	F	RSIR	14,17	404	553	736	1230	1,91	1383	1550	POE	
R134a	AE4425YS	AE533KS	220-240/50	F	CSIR	7,57	221	303	403	673	2,04	757	849	POE	
R134a	AE4430YS	AE540FS	220/50	F	CSIR	8,85	262	358	477	796	2,03	896	1003	POE	
R134a	AE4430YS	AE540KS	220-240/50	F	CSIR	8,85	262	358	477	796	1,89	896	1003	POE	
R134a	AE4440YS	AE630FS	220/50	F	CSIR	12,04	346	474	631	1054	2,00	1186	1328	POE	
R134a	AE4440YS	AE630GS	220/50-60	F	CSIR	12,04	346	474	631	1054	2,00	1186	1328	POE	
R134a	AE4440YS	AE630KS	220-240/50	F	CSIR	12,04	346	474	631	1054	1,88	1186	1328	POE	
R134a	AE4448YS	AE660KS	220-240/50	F	CSIR	14,17	404	553	736	1230	1,82	1383	1550	POE	
R134a	AEA3414YXC	AE500JR	220-240/50	F	RSIR	4,49	116	159	212	354	1,61	398	446	POE	
R134a	AEA3417YXC	AE520JR	220-240/50	F	RSIR	5,67	148	203	270	451	2,01	507	568	POE	
R134a	AEA3425YXC	AE530JR	220-240/50	F	RSIR	7,57	221	303	403	673	2,04	757	849	POE	
R134a	AEA3430YXC	AE510JR	220-240/50	F	RSIR	8,85	274	375	500	835	2,09	939	1051	POE	
R134a	AEA3440YXC	AE635JR	220-240/50	F	RSIR	12,04	346	474	631	1054	2,02	1186	1328	POE	
R134a	AEA3448YXC	AE650JR	220-240/50	F	RSIR	14,17	404	553	736	1230	1,94	1383	1550	POE	
R134a	AEA4430YXC	AE540JR	220-240/50	F	CSIR	8,85	262	358	477	796	1,88	896	1003	POE	
R134a	AEA4440YXC	AE630JR	220-240/50	F	CSIR	12,04	346	474	631	1054	1,96	1186	1328	POE	
R134a	AEA4448YGS	AE660GS	220/50-60	F	CSIR	14,17	404	553	736	1230	1,92	1383	1550	POE	
R134a	AEB4448YXC	AE660KR	220-240/50	F	CSIR	14,17	385	526	701	1171	1,90	1317	1476	POE	
R134a	TYA4452YKS	TY300KS	220-240/50	F	CSIR	16,00	385	526	701	1171	1,90	1317	1476	POE	
R134a	TYA4466YKS	TY301KS	220-240/50	F	CSIR	18,80	385	526	701	1171	1,90	1317	1476	POE	
R134a	TYA4466YKS	TY301KS	220-240/50	F	CSIR	18,80	385	526	701	1171	1,90	1317	1476	POE	
R134a	TYA4475YKS	TY302KS	220-240/50	F	CSR	22,30	385	526	701	1171	1,90	1317	1476	POE	
R134a	TYA4489YKS	TY303KS	220-240/50	F	CSR	26,00	385	526	701	1171	1,90	1317	1476	POE	
R12	AE3414AS	AE121JS	220-240/50	F	RSIR	4,49	116	159	212	354	1,74	398	446	PF	
R12	AE3417AS	AE160KS	220-240/50	F	RSIR	5,67	148	203	270	451	1,87	507	568	PF	
R12	AE3425AS	AE170KS	220-240/50	F	RSIR	7,57	209	286	380	635	1,90	715	801	PF	
R12	AE3430AS	AE151KS	220-240/50	F	RSIR	8,85	248	339	452	755	1,89	850	952	PF	
R12	AE3440AS	AE231FS	220/50	F	RSIR	12,04	329	450	600	1001	1,96	1126	1262	PF	
R12	AE3448AS	AE257KS	220-240/50	F	RSIR	14,17	385	526	701	1171	1,77	1317	1476	PF	
R12	AE4425AS	AE173FS	220/50	F	CSIR	7,57	209	286	380	635	1,93	715	801	PF	
R12	AE4430AS	AE155FS	220/50	F	CSIR	8,85	248	339	452	755	1,88	850	952	PF	
R12	AE4430AS	AE155KS	220-240/50	F	CSIR	8,85	248	339	452	755	1,89	850	952	PF	
R12	AE4440AS	AE234FS	220/50	F	CSIR	12,04	337	461	614	1025	1,94	1153	1291	PF	
R12	AE4440AS	AE234KS	220-240/50	F	CSIR	12,04	337	461	614	1025	1,97	1153	1291	PF	
R12	AE4448AS	AE256KS	220-240/50	F	CSIR	14,17	385	526	701	1171	1,79	1317	1476	PF	

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling	Motor Type	Displacement (cm³/rev.)	Cooling Capacity (W) Evaporating Temperature								Oil Type
							ASHRAE						CECOMAF		
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)	
R134a	THK1352YGS	TH852GS	220/50-60	N	RSIR	5,01	57	91	132	1,29	181	240	108	1,06	POE
R134a	THK1352YGS	TH852GS	220/50-60	N	PTCSIR	5,01	57	91	132	1,29	181	240			POE
R134a	THK1358YGS	TH858GS	220/50-60	N	PTCSIR	5,58	67	107	155	1,33	213	283			POE
R134a	THK1358YGS	TH858GS	220/50-60	N	RSIR	5,58	67	107	155	1,33	213	283			POE
R134a	THK1358YKS	TH858KS	220-240/50	N	PTCSIR	5,58	67	107	155	1,40	213	283	108	1,06	POE
R134a	THK1358YMS	TH858MS	220/50-60	N	PTCSCR	5,58	67	107	155	1,45	213	283			POE
R134a	THK1365YGS	TH865GS	220/50-60	N	PTCSIR	5,90	72	115	167	1,24	229	304			POE
R134a	THK1365YMS	TH865MS	220/50-60	N	PTCSCR	5,90	72	115	167	1,40	229	304			POE
R134a	AZ1320YS	AZ410NS	220-240/50	N	PTCSIR	2,95	29	47	67	0,75	92	123	50	0,57	POE
R134a	AZ1320YS	AZ410PS	100/50-60	N	PTCSIR	2,95	29	47	67	0,92	92	123	50	0,70	POE
R134a	AZ1330YS	AZ420NS	220-240/50	N	PTCSIR	3,59	35	57	82	0,82	112	150	63	0,64	POE
R134a	AZ1335YS	AZ430NS	220-240/50	N	PTCSIR	4,00	41	66	95	0,96	130	173	73	0,80	POE
R134a	AZ1345YS	AZ440NS	220-240/50	N	PTCSIR	5,58	53	85	123	0,92	169	224	95	0,77	POE
R134a	AZ1355YS	AZ445NS	220-240/50	N	PTCSIR	5,90	63	101	146	1,05	201	267	115	0,90	POE
R134a	AZ1355YS	AZ445QS	100/50-60	N	PTCSCR	5,90	63	101	146	1,05	201	267	115	0,91	POE
R134a	AZA1316YXC	AZ400JR	220-240/50	N	PTCSIR	2,23	20	31	45	0,77	62	83	30	0,59	POE
R134a	AZA1326YXC	AZ410JR	220-240/50	N	RSIR	2,95	29	47	67	1,02	92	123	50	0,78	POE
R134a	AZA1332YXC	AZ420JR	220-240/50	N	RSIR	3,59	35	57	82	1,02	112	150	63	0,85	POE
R134a	AZA1338YXC	AZ430JR	220-240/50	N	RSIR	4,00	41	66	95	1,01	130	173	73	0,80	POE
R134a	AZA1350YXC	AZ440JR	220-240/50	N	RSIR	5,58	53	85	123	0,98	169	224	95	0,82	POE
R134a	AZB1316YXC	AZ400KR	220-240/50	N	PTCSIR	2,23	20	31	45	0,77	62	83	30	0,59	POE
R134a	THB1318YS	TH318FS	220/50	N	PTCSIR	2,35	20	32	47	0,84	64	85	34	0,62	POE
R134a	THB1318YS	TH318NS	220-240/50	N	PTCSIR	2,35	20	32	47	0,90	64	85	34	0,67	POE
R134a	THB1324YS	TH324FS	220/50	N	PTCSIR	2,72	26	43	61	0,93	84	112	45	0,70	POE
R134a	THB1324YS	TH324NS	220-240/50	N	PTCSCR	2,72	26	43	61	1,08	84	112	45	0,81	POE
R134a	THB1324YS	TH324NS	220-240/50	N	PTCSIR	2,72	26	43	61	1,02	84	112	45	0,77	POE
R134a	THB1330YS	TH330FS	220/50	N	PTCSIR	3,40	35	57	82	1,05	112	150	61	0,81	POE
R134a	THB1330YS	TH330FS	220/50	N	PTCSIR	3,40	35	57	82	1,05	112	150	61	0,81	POE
R134a	THB1330YS	TH330FS	220/50	N	PTCSCR	3,40	34	54	79	1,05	108	144	57	0,79	POE
R134a	THB1335YS	TH335FS	220/50	N	PTCSIR	3,79	39	62	90	0,92	123	163	67	0,70	POE
R134a	THB1335YS	TH335FS	220/50	N	PTCSIR	3,79	39	62	90	0,92	123	163	67	0,70	POE
R134a	THB1335YS	TH335GS	220/50-60	N	PTCSIR	3,79	39	62	90	1,02	123	163	67	0,78	POE
R134a	THB1335YS	TH335JS	220-240/50	N	PTCSCR	3,79	39	62	90	1,09	123	163	67	0,87	POE
R134a	THB1335YS	TH335NS	220-240/50	N	PTCSIR	3,79	39	62	90	1,04	123	163	67	0,83	POE
R134a	THB1335YS	TH335NS	220-240/50	F	CSIR	3,79	40	65	94	1,10	129	171	70	0,86	POE
R134a	THB1335YS	TH335NS	220-240/50	N	PTCSCR	3,79	39	62	90	1,08	123	163	67	0,87	POE
R134a	THB1335YS	TH335PS	100/50-60	N	PTCSIR	3,79	39	62	90	1,01	123	163	67	0,78	POE
R134a	THB1340YHS	TH340HS	230/50	N	RSIR	4,23	46	74	107	1,04	147	195			POE
R134a	THB1340YHS	TH340HS	230/50	N	RSIR	4,23	46	74	107	1,04	147	195			POE
R134a	THB1340YHS	TH340HS	230/50	N	PTCSIR	4,23	46	74	107	1,04	147	195			POE
R134a	THB1340YS	TH340FS	220/50	N	PTCSIR	4,23	46	74	107	1,07	147	195	79	0,82	POE
R134a	THB1340YS	TH340GS	220/50-60	N	PTCSIR	4,23	46	74	107	0,99	147	195			POE
R134a	THB1340YS	TH340JS	220-240/50	N	PTCSCR	4,23	46	74	107	1,26	147	195	79	1,00	POE
R134a	THB1340YS	TH340NS	220-240/50	N	PTCSCR	4,23	46	74	107	1,23	147	195	79	0,98	POE
R134a	THB1340YS	TH340NS	220-240/50	N	PTCSIR	4,23	46	74	107	1,17	147	195	79	0,93	POE

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature										Oil Type
							ASHRAE						CECOMAF				
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)			
R134a	THB1345YS	TH345FS	220/50	N	PTCSIR	5,01	53	85	123	1,13	169	224	92	0,91	POE		
R134a	THB1345YS	TH345GS	220/50-60	N	PTCSIR	5,01	53	85	123	1,11	169	224	92	0,84	POE		
R134a	THB1345YS	TH345NS	220-240/50	N	PTCSIR	5,01	53	85	123	1,19	169	224	92	0,95	POE		
R134a	THB1345YS	TH345NS	220-240/50	N	PTCSCR	5,01	53	85	123	1,25	169	224	92	0,98	POE		
R134a	THB1350YS	TH350GS	220/50-60	N	PTCSIR	5,58	57	92	133	0,99	183	243	100	0,78	POE		
R134a	THB1350YS	TH350NS	220-240/50	N	PTCSIR	5,58	57	92	133	1,16	183	243	100	0,89	POE		
R134a	THB1350YS	TH350NS	220-240/50	N	PTCSCR	5,58	57	92	133	1,20	183	243	100	0,92	POE		
R134a	THB1355YS	TH355FS	220/50	N	PTCSIR	5,90	62	99	143	1,06	197	262	107	0,84	POE		
R134a	THB1355YS	TH355GS	220/50-60	N	PTCSIR	5,90	62	99	143	1,09	197	262	107	0,87	POE		
R134a	THB1355YS	TH355JS	220-240/50	N	PTCSCR	5,90	62	99	143	1,30	197	262	107	1,01	POE		
R134a	THB1355YS	TH355NS	220-240/50	N	PTCSCR	5,90	62	99	143	1,23	197	262	107	0,92	POE		
R134a	THB1355YS	TH355NS	220-240/50	N	PTCSIR	5,90	62	99	143	1,19	197	262	107	0,92	POE		
R134a	THB1355YS	TH355QS	100/50-60	N	PTCSCR	5,90	62	99	143	1,10	197	262	107	0,85	POE		
R134a	THB1355YXC	TH355JR	220-240/50	N	PTCSIR	5,90	62	99	143	1,13	197	262			POE		
R134a	THC1335YS	TH250FS	220/50	N	PTCSIR	3,40	37	60	86	1,15	118	158	64	0,88	POE		
R134a	THC1335YS	TH250FS	220/50	N	PTCSIR	3,40	37	60	86	1,15	118	158	64	0,88	POE		
R134a	THC1346YS	TH210FS	220/50	N	PTCSIR	4,23	49	79	114	1,12	157	208	85	0,87	POE		
R134a	THC1365YS	TH240FS	220/50	N	PTCSIR	5,90	70	113	164	1,15	225	299	122	0,89	POE		
R134a	THG1328YKS	TH281KS	220-240/50	N	PTCCSR	2,87	30	48	69	1,12	95	127	51	0,87	POE		
R134a	THG1328YKS	TH281KS	220-240/50	N	PTCSIR	2,87	30	48	69	1,05	95	127	51	0,81	POE		
R134a	THG1328YKS	TH281KS	220-240/50	N	PTCSCR	2,87	30	48	69	1,12	95	127	51	0,87	POE		
R134a	THG1328YKS	TH281KS	220-240/50	N	CSIR	2,87	30	48	69	1,05	95	127	51	0,81	POE		
R134a	THG1328YKS	TH281KS	220-240/50	N	PTCCSIR	2,87	30	48	69	1,05	95	127	51	0,81	POE		
R134a	THG1328YKS	TH281KS	220-240/50	N	RSIR	2,87	30	48	69	1,05	95	127	51	0,81	POE		
R134a	THG1328YKS	TH281KS	220-240/50	N	RSIR	2,87	30	48	69	1,05	95	127	51	0,81	POE		
R134a	THG1330YKS	TH261KS	220-240/50	N	RSIR	3,14	36	58	83	1,19	114	152	61	0,91	POE		
R134a	THG1330YKS	TH261KS	220-240/50	N	PTCSIR	3,14	36	58	83	1,19	114	152	61	0,91	POE		
R134a	THG1330YKS	TH261KS	220-240/50	N	PTCSCR	3,14	36	58	83	1,28	114	152	61	1,00	POE		
R134a	THG1330YKS	TH261KS	220-240/50	N	RSIR	3,14	36	58	83	1,19	114	152	61	0,91	POE		
R134a	THG1330YMS	TH261MS	220/50-60	N	PTCSCR	3,14	36	58	83	1,21	114	152	61	0,91	POE		
R134a	THG1330YS	TH261GS	220/50-60	N	PTCSIR	3,14	36	58	83	1,10	114	152	61	0,82	POE		
R134a	THG1330YS	TH261GS	220/50-60	N	RSIR	3,14	36	58	83	1,10	114	152	61	0,82	POE		
R134a	THG1335YKS	TH251KS	220-240/50	N	PTCSIR	3,40	38	62	89	1,16	122	163	64	0,89	POE		
R134a	THG1335YKS	TH251KS	220-240/50	N	RSIR	3,40	38	62	89	1,16	122	163	64	0,89	POE		
R134a	THG1335YKS	TH251KS	220-240/50	N	PTCCSIR	3,40	38	62	89	1,16	122	163	64	0,89	POE		
R134a	THG1335YKS	TH251KS	220-240/50	N	PTCSCR	3,40	38	62	89	1,22	122	163	64	0,95	POE		
R134a	THG1335YS	TH251GS	220/50-60	N	RSIR	3,40	40	64	92	1,12	127	168	68	0,86	POE		
R134a	THG1335YS	TH251GS	220/50-60	N	PTCSIR	3,40	40	64	92	1,12	127	168	68	0,86	POE		
R134a	THG1340YKS	TH201KS	220-240/50	N	PTCSIR	3,79	45	72	104	1,24	143	190	76	0,96	POE		
R134a	THG1340YKS	TH201KS	220-240/50	N	PTCSCR	3,79	45	72	104	1,30	143	190	76	1,02	POE		
R134a	THG1340YKS	TH201KS	220-240/50	N	RSIR	3,79	45	72	104	1,24	143	190	76	0,96	POE		
R134a	THG1340YMS	TH201MS	220/50-60	N	PTCSCR	3,79	45	72	104	1,35	143	190			POE		
R134a	THG1340YMS	TH201MS	220/50-60	N	PTCSCR	3,79	45	72	104	1,35	143	190			POE		
R134a	THG1340YS	TH201GS	220/50-60	N	RSIR	3,79	45	72	104	1,21	143	190			POE		
R134a	THG1340YS	TH201GS	220/50-60	N	PTCSIR	3,79	45	72	104	1,21	143	190			POE		

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							ASHRAE						CECOMAF		
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)	
R134a	THG1340YS	TH201GS	220/50-60	N	RSIR	3,79	45	72	104	1,21	143	190			POE
R134a	THG1340YS	TH201GS	220/50-60	N	RSIR	3,79	45	72	104	1,21	143	190			POE
R134a	THG1340YS	TH201GS	220/50-60	N	PTCSIR	3,79	45	72	104	1,21	143	190			POE
R134a	THG1346YGS	TH211GS	220/50-60	N	PTCSIR	4,23	50	81	117	1,12	161	214			POE
R134a	THG1346YGS	TH211GS	220/50-60	N	RSIR	4,23	50	81	117	1,12	161	214			POE
R134a	THG1346YJS	TH211JS	220-240/50	N	PTCSCR	4,23	50	81	117	1,39	161	214	87	1,09	POE
R134a	THG1346YKS	TH211KS	220-240/50	N	PTCSIR	4,23	50	81	117	1,23	161	214	87	0,97	POE
R134a	THG1346YKS	TH211KS	220-240/50	N	RSIR	4,23	50	81	117	1,23	161	214	87	0,97	POE
R134a	THG1346YKS	TH211KS	220-240/50	N	PTCSCR	4,23	50	81	117	1,29	161	214	87	1,00	POE
R134a	THG1346YMS	TH211MS	220/50-60	N	PTCSCR	4,23	50	81	117	1,26	161	214			POE
R134a	THG1352YGS	TH221GS	220/50-60	N	PTCSIR	5,01	58	93	135	1,20	185	246			POE
R134a	THG1352YGS	TH221GS	220/50-60	N	RSIR	5,01	58	93	135	1,20	185	246			POE
R134a	THG1352YJS	TH221JS	220-240/50	N	PTCSCR	5,01	58	93	135	1,37	185	246			POE
R134a	THG1352YKS	TH221KS	220-240/50	N	RSIR	5,01	58	93	135	1,25	185	246	98	0,99	POE
R134a	THG1352YKS	TH221KS	220-240/50	N	PTCSCR	5,01	58	93	135	1,30	185	246	98	1,03	POE
R134a	THG1352YKS	TH221KS	220-240/50	F	PTCSIR	5,01	60	96	139	1,29	191	254	101	1,02	POE
R134a	THG1352YKS	TH221KS	220-240/50	N	PTCSIR	5,01	58	93	135	1,25	185	246	98	0,99	POE
R134a	THG1352YKS	TH221KS	220-240/50	F	RSIR	5,01	60	96	139	1,29	191	254	101	1,02	POE
R134a	THG1352YKS	TH221KS	220-240/50	F	PTCSCR	5,01	60	96	139	1,33	190	253	101	1,06	POE
R134a	THG1352YMS	TH221MS	220/50-60	N	PTCSCR	5,01	58	93	135	1,32	185	246			POE
R134a	THG1358YGS	TH231GS	220/50-60	N	PTCSCR	5,60	66	106	154	1,23	211	280			POE
R134a	THG1358YKS	TH231KS	220-240/50	N	PTCSIR	5,60	66	106	154	1,27	211	280	113	0,99	POE
R134a	THG1358YMS	TH231MS	220/50-60	N	PTCSCR	5,60	66	106	154	1,29	211	280			POE
R134a	THG1365YGS	TH241GS	220/50-60	N	PTCSIR	5,90	72	115	167	1,16	229	304			POE
R134a	THG1365YGS	TH241GS	220/50-60	N	RSIR	5,90	72	115	167	1,16	229	304			POE
R134a	THG1365YGS	TH241GS	220/50-60	N	RSIR	5,90	72	115	167	1,16	229	304			POE
R134a	THG1365YGS	TH241GY	220/50-60	N	PTCSIR	5,90	72	115	167	1,13	229	304			POE
R134a	THG1365YMS	TH241MS	220/50-60	N	PTCSCR	5,90	72	115	167	1,31	229	304			POE
R134a	THG1365YS	TH241NS	220-240/50	N	PTCSIR	5,90	72	115	167	1,25	229	304	123	1,01	POE
R134a	THG1374YFS	TH271FS	220/50	F	RSIR	6,96	85	137	198	1,21	271	360	146	0,93	POE
R134a	THG1374YFS	TH271FS	220/50	F	PTCSIR	6,96	85	137	198	1,21	271	360	146	0,93	POE
R134a	THG1374YMS	TH271MS	220/50-60	N	PTCSCR	6,96	82	133	192	1,30	263	350			POE
R134a	THG1374YS	TH271NS	220-240/50	N	PTCSIR	6,96	82	133	192	1,22	263	350	142	0,97	POE
R134a	THK1330YGS	TH830GS	220/50-60	N	RSIR	3,14	38	61	88	1,25	120	160			POE
R134a	THK1330YGS	TH830GS	220/50-60	N	PTCSIR	3,14	38	61	88	1,25	120	160			POE
R134a	THK1346YJS	TH846JS	220-240/50	N	PTCSCR	4,23	54	87	126	1,48	173	230	91	1,13	POE
R134a	AE1360YS	AE810FS	220/50	N	PTCSIR	6,90	71	107	154	0,98	213	286	114	0,76	POE
R134a	AE1360YS	AE810KS	220-240/50	N	PTCSIR	6,90	71	107	154	1,04	213	286	114	0,80	POE
R134a	AE1360YS	AE810KS	220-240/50	F	CSIR	6,90	73	110	158	1,07	219	294	117	0,82	POE
R134a	AE1370YS	AE370FS	220/50	N	PTCSIR	8,09	88	134	192	0,97	265	357	143	0,76	POE
R134a	AE1370YS	AE370KS	220-240/50	N	PTCSIR	8,09	88	134	192	0,92	265	357	143	0,71	POE
R134a	AE1390YS	AE390KS	220-240/50	F	PTCSIR	9,41	112	169	243	1,10	336	452	181	0,85	POE
R134a	AE1390YS	AE390KS	220-240/50	N	CSIR	9,41	108	164	236	1,07	326	438	173	0,81	POE
R134a	AE1390YS	AE390KS	220-240/50	N	PTCSIR	9,41	108	164	236	1,07	326	438	173	0,81	POE
R134a	AE1390YS	AE390KS	220-240/50	F	CSIR	9,41	112	169	243	1,10	336	452	181	0,85	POE

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling ④	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature										Oil Type ④
							ASHRAE ③						CECOMAF ③				
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)			
R134a	AE1410YS	AE605KS	220-240/50	N	RSIR	14,17	120	181	261	0,93	361	485	193	0,72	POE		
R134a	AE2410YS	AE600KS	220-240/50	N	CSIR	14,17	120	181	261	0,97	361	485	193	0,75	POE		
R134a	AE2410YS	AE600KS	220-240/50	N	CSIR	14,17	120	181	261	0,97	361	485	193	0,75	POE		
R134a	TW1343YS	TW110KS	220-240/50	N	PTCSIR	4,15	56	76	104	1,28	138	179	76	1,00	POE		
R134a	TW1358YS	TW130GS	220/50-60	N	PTCSIR	5,60	81	112	152	1,28	202	263	113	0,96	POE		
R134a	TW1358YS	TW130KS	220-240/50	N	PTCSCR	5,60	78	108	146	1,38	195	252	108	1,06	POE		
R134a	TW1358YS	TW130KS	220-240/50	N	PTCSIR	5,60	81	112	152	1,35	202	263	113	1,02	POE		
R134a	TW1368YS	TW140GS	220/50-60	F	PTCSIR	6,53	95	131	179	1,22	238	308	141	1,00	POE		
R134a	TW1368YS	TW140JS	220-240/50	N	PTCSCR	6,53	91	125	170	1,44	226	293	124	1,11	POE		
R134a	TW1368YS	TW140KS	220-240/50	N	PTCSIR	6,53	91	125	170	1,25	226	293	124	0,94	POE		
R134a	TW1368YS	TW140KS	220-240/50	N	PTCSCR	6,53	91	125	170	1,31	226	293	124	0,99	POE		
R134a	TW1368YS	TW140WS	220/50	N	PTCSIR	6,53	91	125	170	1,23	226	293	124	0,92	POE		
R134a	TW1374YS	TW145JS	220-240/50	N	PTCSCR	6,92	102	141	192	1,46	255	331	142	1,13	POE		
R134a	TW1374YS	TW145KS	220-240/50	N	PTCSCR	6,92	102	141	192	1,43	255	331	142	1,11	POE		
R134a	TW1374YS	TW145KS	220-240/50	N	PTCSIR	6,92	102	141	192	1,32	255	331	142	1,02	POE		
R134a	TW1374YS	TW145MS	200-220/50-60	N	PTCSIR	6,92	102	141	192	1,20	255	331	142	0,95	POE		
R134a	TW1380YS	TW150FS	220/50	N	PTCSIR	7,28	106	146	199	1,26	265	343	148	0,97	POE		
R134a	TW1380YS	TW150FS	220/50	F	PTCSIR	7,28	109	151	205	1,30	273	353	152	1,00	POE		
R134a	TW1380YS	TW150FY	220/50	F	PTCSIR	7,28	109	151	205	1,26	273	353	152	0,97	POE		
R134a	TW1380YS	TW150GS	220/50-60	N	PTCSIR	7,28	106	146	199	1,22	265	343	148	0,94	POE		
R134a	TW1380YS	TW150GS	220/50-60	N	PTCSIR	7,28	106	146	199	1,22	265	343	148	0,94	POE		
R134a	TW1380YS	TW150GY	220/50-60	N	PTCSIR	7,28	106	146	199	1,19	265	343	148	0,91	POE		
R134a	TW1380YS	TW150KS	220-240/50	N	PTCSIR	7,28	106	146	199	1,28	265	343	148	1,03	POE		
R134a	TW1380YS	TW150MS	200-220/50-60	N	PTCSIR	7,28	106	146	199	1,22	265	343	148	0,94	POE		
R134a	TW1380YS	TW150WS	220/50	N	PTCSIR	7,28	106	146	199	1,28	265	343	148	0,99	POE		
R134a	TW1390YS	TW160FS	220/50	N	PTCSIR	8,36	124	170	231	1,24	308	399	173	0,98	POE		
R134a	TW1390YS	TW160FS	220/50	F	PTCSIR	8,36	130	179	243	1,31	323	419	183	1,03	POE		
R134a	TW1390YS	TW160FS	220/50	N	PTCSIR	8,36	124	170	231	1,24	308	399	173	0,98	POE		
R134a	TW1390YS	TW160FS	220/50	N	PTCSIR	8,36	124	170	231	1,24	308	399	173	0,98	POE		
R134a	TW1390YS	TW160FY	220/50	N	PTCSIR	8,36	124	170	231	1,21	308	399	173	0,95	POE		
R134a	TW1390YS	TW160GS	220/50-60	N	PTCSIR	8,36	124	170	231	1,17	308	399	173	0,90	POE		
R134a	TW1390YS	TW160GS	220/50-60	F	PTCSIR	8,36	130	179	243	1,23	323	419	183	0,95	POE		
R134a	TW1390YS	TW160GY	220/50-60	F	PTCSIR	8,36	130	179	243	1,19	323	419	183	0,93	POE		
R134a	TW1390YS	TW160KS	220-240/50	N	PTCSIR	8,36	124	170	231	1,30	308	399	173	1,03	POE		
R134a	TW1390YS	TW160KS	220-240/50	N	PTCSCR	8,36	124	170	231	1,38	308	399			POE		
R134a	TW1390YS	TW160MS	200-220/50-60	F	PTCSIR	8,36	130	179	243	1,23	323	419	183	0,95	POE		
R134a	TW1390YS	TW160MS	200-220/50-60	N	PTCSIR	8,36	124	170	231	1,17	308	399	173	0,90	POE		
R134a	TW1390YS	TW160MS	200-220/50-60	N	PTCSIR	8,36	124	170	231	1,17	308	399	173	0,90	POE		
R134a	TW1390YS	TW160WS	220/50	N	PTCSIR	8,36	124	170	231	1,26	308	399			POE		
R134a	TW1390YS	TW160WS	220/50	N	PTCSIR	8,36	124	170	231	1,26	308	399			POE		
R134a	TW1413YS	TW190KS	220-240/50	F	PTCSIR	12,49	176	242	329	1,34	438	568	244	1,03	POE		
R134a	TW1413YS	TW190KS	220-240/50	N	PTCSIR	12,49	168	231	315	1,28	419	543	233	0,99	POE		
R134a	TWA1390YXC	TW160JS	220-240/50	N	PTCSCR	8,36	124	170	231	1,42	308	399	173	1,11	POE		
R134a	TWB1358YJS	TW131JS	220-240/50	N	PTCSCR	5,60	81	112	152	1,48	202	263	113	1,15	POE		
R134a	TWB1368YJS	TW141JS	220-240/50	N	PTCSCR	6,53	95	131	179	1,48	238	308	130	1,15	POE		

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature								Oil Type
							ASHRAE						CECOMAF		
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)	
R134a	TWB1374YGS	TW146GS	220/50-60	N	PTCSIR	6,92	102	141	192	1,23	255	331			POE
R134a	TWB1374YGS	TW146GS	220/50-60	F	RSIR	6,92	106	145	198	1,27	263	341			POE
R134a	TWB1374YGS	TW146GS	220/50-60	N	RSIR	6,92	102	141	192	1,23	255	331			POE
R134a	TWB1374YGS	TW146GS	220/50-60	N	RSIR	6,92	102	141	192	1,23	255	331			POE
R134a	TWB1374YGS	TW146GS	220/50-60	F	RSIR	6,92	106	145	198	1,27	263	341			POE
R134a	TWB1374YGS	TW146GS	220/50-60	F	PTCSIR	6,92	106	145	198	1,27	263	341			POE
R134a	TWB1374YGS	TW146GY	220/50-60	N	RSIR	6,92	102	141	192	1,23	255	331			POE
R134a	TWB1374YGS	TW146GY	220/50-60	N	RSIR	6,92	102	141	192	1,23	255	331			POE
R134a	TWB1374YJS	TW146JS	220-240/50	N	PTCSCR	6,92	102	141	192	1,52	255	331	142	1,17	POE
R134a	TWB1380YGR	TW151GR	220/50-60	N	RSIR	7,28	106	146	199	1,27	265	343			POE
R134a	TWB1380YGR	TW151GR	220/50-60	N	PTCSIR	7,28	106	146	199	1,27	265	343			POE
R134a	TWB1380YGS	TW151GS	220/50-60	F	RSIR	7,28	109	151	205	1,32	273	353			POE
R134a	TWB1380YGS	TW151GS	220/50-60	F	PTCSIR	7,28	109	151	205	1,32	273	353			POE
R134a	TWB1380YGS	TW151GS	220/50-60	F	RSIR	7,28	109	151	205	1,32	273	353			POE
R134a	TWB1380YJS	TW151JS	220-240/50	N	PTCSCR	7,28	106	146	199	1,51	265	343	148	1,17	POE
R134a	TWB1390YGS	TW161GS	220/50-60	N	PTCSIR	8,36	127	175	239	1,28	317	411	176	1,00	POE
R134a	TWB1390YGS	TW161GS	220/50-60	F	RSIR	8,36	132	182	247	1,33	329	427	182	1,03	POE
R134a	TWB1390YGS	TW161GS	220/50-60	F	RSIR	8,36	132	182	247	1,33	329	427	182	1,03	POE
R134a	TWB1390YGS	TW161GS	220/50-60	N	RSIR	8,36	127	175	239	1,28	317	411	176	1,00	POE
R134a	TWB1390YGS	TW161GS	220/50-60	F	PTCSIR	8,36	132	182	247	1,33	329	427	182	1,03	POE
R134a	TWB1390YGS	TW161GY	220/50-60	F	PTCSIR	8,36	132	182	247	1,24	329	427	182	0,96	POE
R134a	TWB1390YGS	TW161GY	220/50-60	N	PTCSIR	8,36	127	175	239	1,24	317	411	176	0,97	POE
R134a	TWB1390YJS	TW161JS	220-240/50	N	PTCSCR	8,36	127	175	239	1,52	317	411	176	1,17	POE
R134a	TWB1390YKS	TW161KS	220-240/50	N	PTCSIR	8,36	127	175	239	1,37	317	411	176	1,06	POE
R134a	TWB1390YKS	TW161KS	220-240/50	N	PTCSCR	8,36	127	175	239	1,43	317	411	176	1,11	POE
R134a	TP1360YS	TP106QS	100/50-60	N	PTCSCR	4,85	79	109	146	1,39	190	240	111	1,26	POE
R134a	TP1370YS	TP100HS	230/50	N	PTCSIR	5,65	92	128	171	1,43	222	281	126	1,12	POE
R134a	TP1370YS	TP100KS	220-240/50	N	PTCSIR	5,65	92	128	171	1,44	222	281	126	1,13	POE
R134a	TP1380YS	TP104HS	230/50	N	PTCSIR	6,53	104	144	193	1,31	251	317	143	1,01	POE
R134a	TP1380YS	TP104KS	220-240/50	N	PTCSIR	6,53	104	144	193	1,36	251	317	143	1,04	POE
R134a	TP1380YS	TP104QS	100/50-60	N	PTCSCR	6,53	104	144	193	1,43	251	317	144	1,11	POE
R134a	TP1390YS	TP101HS	230/50	N	PTCSIR	7,28	118	164	220	1,37	285	360	164	1,06	POE
R134a	TP1390YS	TP101KS	220-240/50	N	PTCSIR	7,28	118	164	220	1,38	285	360	164	1,06	POE
R134a	TP1390YS	TP101PS	100/50-60	N	PTCSIR	7,28	118	164	220	1,23	285	360	164	0,96	POE
R134a	TP1390YS	TP101PS	100/50-60	N	PTCSCR	7,28	118	164	220	1,29	285	360	164	1,01	POE
R134a	TP1390YS	TP101QS	100/50-60	N	PTCSCR	7,28	118	164	220	1,47	285	360	164	1,15	POE
R134a	TP1410YS	TP102KS	220-240/50	F	CSIR	8,37	145	201	269	1,40	350	442	198	1,19	POE
R134a	TP1410YS	TP102KS	220-240/50	N	PTCSIR	8,37	138	192	256	1,33	332	420	190	1,07	POE
R134a	TP1410YS	TP102KS	220-240/50	F	PTCSIR	8,37	145	201	269	1,40	350	442	198	1,19	POE
R134a	TP1410YS	TP102KS	220-240/50	F	PTCSIR	8,37	145	201	269	1,40	350	442	198	1,19	POE
R134a	TP1410YS	TP102QS	100/50-60	N	PTCSCR	8,37	138	192	256	1,43	332	420	190	1,10	POE
R134a	TP1413YS	TP103FS	220/50	F	PTCSIR	10,86	169	234	313	1,41	407	514	230	1,09	POE
R134a	TP1413YS	TP103KS	220-240/50	F	PTCSIR	10,86	169	234	313	1,42	407	514	230	1,21	POE
R134a	TP1413YS	TP103KS	220-240/50	F	PTCCSIR	10,86	169	234	313	1,42	407	514	230	1,21	POE
R134a	TP1413YS	TP103KS	220-240/50	N	PTCSIR	10,86	158	219	293	1,34	380	480	215	1,03	POE

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling ❶	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature										Oil Type ❷
							ASHRAE ❸						CECOMAF ❹				
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)			
R134a	TP1413YS	TP103KS	220-240/50	F	CSIR	10,86	169	234	313	1,42	407	514	230	1,21	POE		
R134a	TP1413YS	TP103KS	220-240/50	F	CSIR	10,86	169	234	313	1,42	407	514	230	1,21	POE		
R134a	TP1413YS	TP103KS	220-240/50	N	PTCCSIR	10,86	158	219	293	1,34	380	480	215	1,03	POE		
R134a	TPA1370YXC	TP100JR	220-240/50	N	PTCSCR	5,65	92	128	171	1,57	222	281	126	1,23	POE		
R134a	TPA1380YXC	TP104JR	220-240/50	F	PTCSCR	6,53	111	153	205	1,44	266	336	154	1,12	POE		
R134a	TPA1380YXC	TP104JR	220-240/50	N	PTCSCR	6,53	104	144	193	1,46	251	317	143	1,13	POE		
R134a	TPA1390YXC	TP101JR	220-240/50	F	PTCSCR	7,28	125	173	231	1,46	300	380	171	1,16	POE		
R134a	TPA1390YXC	TP101JR	220-240/50	N	PTCSCR	7,28	118	164	220	1,49	285	360	164	1,16	POE		
R134a	TPA1410YXC	TP102JR	220-240/50	F	PTCSCR	8,37	145	201	269	1,53	350	442	198	1,19	POE		
R134a	TPA1410YXC	TP102JR	220-240/50	N	PTCSCR	8,37	138	192	256	1,53	332	420	192	1,19	POE		
R134a	TPA1413YXC	TP103JR	220-240/50	F	PTCSCR	10,86	169	234	313	1,58	407	514	230	1,30	POE		
R134a	TPA1415YXC	TP105JR	220-240/50	F	PTCSCR	12,52	199	276	369	1,52	479	605	271	1,21	POE		
R134a	TPE1410YXC	TP124JR	220-240/50	F	PTCSCR	8,37	143	198	265	1,61	344	435	196	1,28	POE		
R134a	TPG1370YJS	TP141JS	220-240/50	N	PTCSCR	5,65	93	129	173	1,61	224	283	126	1,23	POE		
R134a	TPG1370YMS	TP141MS	220/50-60	N	PTCSCR	5,65	92	127	170	1,56	220	279	126	1,18	POE		
R134a	TPG1390YKS	TP143KS	220-240/50	N	PTCSIR	7,28	125	173	231	1,55	300	380	167	1,18	POE		
R134a	TPG1390YKS	TP143KS	220-240/50	N	PTCSCR	7,28	125	173	231	1,60	300	380	167	1,21	POE		
R134a	TPG1390YKS	TP143KS	220-240/50	N	RSIR	7,28	125	173	231	1,55	300	380	167	1,18	POE		
R134a	TPG1390YMR	TP143MR	220-240/50-60	F	PTCSCR	7,28	127	176	236	1,66	306	387			POE		
R134a	TPG1390YMR	TP143MR	220-240/50-60	N	PTCSCR	7,28	125	173	231	1,63	300	380			POE		
R134a	TPG1410YMR	TP144MR	220-240/50-60	F	PTCSCR	8,37	120	192	278	1,55	382	507			POE		
R134a	TPG1410YMR	TP144MR	220-240/50-60	N	PTCSCR	8,37	116	186	269	1,51	369	491			POE		
R134a	TPG1410YXC	TP144JR	220-240/50	F	PTCSCR	8,37	150	208	278	1,69	361	456	206	1,31	POE		
R134a	TPG1410YXC	TP144JR	220-240/50	N	PTCSCR	8,37	145	201	269	1,63	350	442	201	1,25	POE		
R134a	TPH1360YGS	TP150GS	220/50-60	N	PTCSIR	4,85	80	111	148	1,32	192	243			POE		
R134a	TPH1360YGS	TP150GS	220/50-60	N	RSIR	4,85	80	111	148	1,32	192	243			POE		
R134a	TPH1360YJS	TP150JS	220-240/50	N	PTCSCR	4,85	80	111	148	1,56	192	243	110	1,18	POE		
R134a	TPH1370YGS	TP151GS	220/50-60	N	RSIR	5,65	92	127	170	1,33	220	279			POE		
R134a	TPH1370YGS	TP151GS	220/50-60	N	RSIR	5,65	92	127	170	1,33	220	279			POE		
R134a	TPH1370YGS	TP151GS	220/50-60	N	PTCSIR	5,65	92	127	170	1,33	220	279			POE		
R134a	TPH1370YMS	TP151MS	220/50-60	N	PTCSCR	5,65	92	127	170	1,53	220	279			POE		
R134a	TPH1378YGS	TP159GS	220/50-60	N	PTCSIR	6,18	101	140	187	1,37	243	308			POE		
R134a	TPH1378YJS	TP159JS	220-240/50	N	PTCSCR	6,18	101	140	187	1,56	243	308	139	1,21	POE		
R134a	TPH1378YMS	TP159MS	220/50-60	N	PTCSCR	6,18	101	140	187	1,49	243	308			POE		
R134a	TPH1380YGS	TP152GS	220/50-60	N	PTCSIR	6,53	110	152	204	1,38	264	334			POE		
R134a	TPH1380YGS	TP152GS	220/50-60	N	RSIR	6,53	110	152	204	1,38	264	334			POE		
R134a	TPH1380YMS	TP152MS	220/50-60	N	PTCSCR	6,53	110	152	204	1,54	264	334			POE		
R134a	TPH1380YS	TP152FS	220/50	N	PTCSIR	6,53	110	152	204	1,41	264	334	154	1,08	POE		
R134a	TPH1380YXC	TP152JR	220-240/50	N	PTCSCR	6,53	110	152	204	1,58	264	334	154	1,18	POE		
R134a	TPH1390YGS	TP153GS	220/50-60	N	PTCSIR	7,28	124	172	230	1,23	298	377			POE		
R134a	TPH1390YGS	TP153GS	220/50-60	N	RSIR	7,28	124	172	230	1,23	298	377			POE		
R134a	TPH1390YMS	TP153MS	220/50-60	N	PTCSCR	7,28	124	172	230	1,56	298	377			POE		
R134a	TPH1390YS	TP153FS	220/50	N	PTCSIR	7,28	124	172	230	1,40	298	377	170	1,08	POE		
R134a	TPH1390YXC	TP153JR	220-240/50	N	PTCSCR	7,28	124	172	230	1,62	298	377			POE		
R134a	TPH1410YGS	TP154GS	220/50-60	N	RSIR	8,37	141	195	261	1,36	338	428			POE		

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature										Oil Type
							ASHRAE						CECOMAF				
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)			
R134a	TPH1410YGS	TP154GS	220/50-60	F	RSIR	8,37	145	201	269	1,40	350	442				POE	
R134a	TPH1410YGS	TP154GS	220/50-60	N	RSIR	8,37	141	195	261	1,36	338	428				POE	
R134a	TPH1410YGS	TP154GS	220/50-60	F	PTCSIR	8,37	145	201	269	1,40	350	442				POE	
R134a	TPH1410YGS	TP154GS	220/50-60	N	PTCSIR	8,37	141	195	261	1,36	338	428				POE	
R134a	TPH1410YHS	TP154HS	230/50	N	RSIR	8,37	141	195	261	1,25	338	428				POE	
R134a	TPH1410YHS	TP154HS	230/50	N	PTCSIR	8,37	141	195	261	1,25	338	428				POE	
R134a	TPH1413YGS	1494374	220/50-60	F	RSIR	10,86	170	235	315	1,29	408	517				POE	
R134a	TPH1413YGS	TP155GS	220/50-60	F	PTCSIR	10,86	170	235	315	1,29	408	517				POE	
R134a	TPH1413YGS	TP155GS	220/50-60	F	RSIR	10,86	170	235	315	1,29	408	517				POE	
R134a	TPH1413YKS	TP155KS	220-240/50	F	RSIR	10,86	170	235	315	1,44	408	517				POE	
R134a	TPH1413YKS	TP155KS	220-240/50	F	PTCSIR	10,86	170	235	315	1,44	408	517				POE	
R134a	TPH1413YKS	TP155KS	220-240/50	F	RSIR	10,86	170	235	315	1,44	408	517				POE	
R134a	TPH1415YGS	TP156GS	220/50-60	F	RSIR	12,52	196	271	363	1,34	471	596	267	1,00		POE	
R134a	TPH1415YGS	TP156GS	220/50-60	F	PTCSIR	12,52	196	271	363	1,34	471	596	267	1,00		POE	
R134a	TPH2415YFS	TP205FS	220/50	F	CSIR	12,52	196	271	363	1,33	471	596				POE	
R134a	AKL19YS	AK319KS	220-240/50	F	CSIR	18,80	131	202	287	0,85	392	523	211	0,67		POE	
R134a	AKL22YS	AK322KS	220-240/50	F	CSIR	22,00	159	245	348	0,80	475	634	256	0,63		POE	
R134a	AKL26YS	AK326KS	220-240/50	F	CSIR	26,00	198	305	433	0,95	592	790	318	0,73		POE	
R134a	TSA1360YMS	TS105MS	220/50-60	N	PTCSCR	5,21	68	107	154	1,48	209	275				POE	
R134a	TSA1374YGS	TS106GS	220/50-60	N	RSIR	5,65	73	115	165	1,38	226	296				POE	
R134a	TSA1374YKS	TS106KS	220-240/50	N	PTCCSR	5,65	73	115	165	1,45	226	296	117	1,02		POE	
R134a	TSA1374YMS	TS106MS	220/50-60	N	PTCSCR	5,65	73	115	165	1,50	226	296				POE	
R134a	TSA1380YGS	TS107GS	220/50-60	N	PTCSIR	6,53	84	131	189	1,38	258	339				POE	
R134a	TSA1380YGS	TS107GS	220/50-60	N	PTCCSIR	6,53	84	131	189	1,38	258	339				POE	
R134a	TSA1380YGS	TS107GS	220/50-60	N	RSIR	6,53	84	131	189	1,38	258	339				POE	
R134a	TSA1380YJS	TS107JS	220-240/50	N	PTCCSR	6,53	84	131	189	1,55	258	339	138	1,23		POE	
R134a	TSA1380YJS	TS107JS	220-240/50	N	PTCSCR	6,53	84	131	189	1,55	258	339	138	1,23		POE	
R600a	THK1330MKS	TH930KS	220-240/50	N	PTCSCR	4,23	31	47	69	1,38	92	115	51	1,07	MIN		
R600a	THK1330MKS	TH930KS	220-240/50	N	PTCSIR	4,23	31	47	69	1,27	92	115	51	1,00	MIN		
R600a	THK1355MJS	TH955JS	220-240/50	N	PTCSCR	8,20	62	96	139	1,53	187	233	102	1,21	MIN		
R600a	AZ1318MS	AZ523NS	220-240/50	N	PTCSIR	3,60	23	34	47	0,92	62	81			MIN		
R600a	AZ1330MS	AZ526NS	220-240/50	N	PTCSIR	5,59	37	53	73	0,94	98	127			MIN		
R600a	AZ1335MS	AZ545NS	220-240/50	N	PTCSIR	5,91	45	66	91	1,07	121	157			MIN		
R600a	THB1320MJS	TH635JS	220-240/50	N	PTCSCR	3,79	24	37	54	1,13	73	91	40	0,87	MIN		
R600a	THB1320MKS	TH635KS	220-240/50	N	PTCSIR	3,79	24	37	54	0,98	73	91	40	0,76	MIN		
R600a	THB1330MJS	TH645JS	220-240/50	N	PTCSCR	5,01	33	50	73	1,26	98	123	53	0,96	MIN		
R600a	THB1330MKS	TH645KS	220-240/50	N	PTCSIR	5,01	33	50	73	1,11	98	123	53	0,85	MIN		
R600a	THB1335MJS	TH655JS	220-240/50	N	PTCSCR	5,90	40	61	89	1,35	119	149	66	1,07	MIN		
R600a	THB1335MKS	TH655KS	220-240/50	N	PTCSIR	5,90	40	61	89	1,19	119	149	66	0,91	MIN		
R600a	THB1335MKS	TH655KS	220-240/50	N	PTCSCR	5,90	39	61	88	1,22	118	148	65	0,95	MIN		
R600a	THB1340MKS	TH657KS	220-240/50	N	PTCSIR	6,96	45	70	101	1,23	136	169	76	0,95	MIN		
R600a	THB1340MKS	TH657KS	220-240/50	N	PTCSCR	6,96	45	70	101	1,28	136	169	76	0,99	MIN		
R600a	THB1345MJS	TH660JS	220-240/50	N	PTCSCR	7,76	51	79	114	1,39	153	192	85	1,09	MIN		
R600a	THB1345MKS	TH660KS	220-240/50	N	PTCSCR	7,76	51	79	114	1,31	153	192	85	1,01	MIN		
R600a	THB1345MKS	TH660KS	220-240/50	N	PTCSIR	7,76	51	79	114	1,25	153	192	85	0,96	MIN		

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature										Oil Type
							ASHRAE						CECOMAF				
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)			
R600a	THB1350MKS	TH685KS	220-240/50	N	PTCSCR	8,20	54	87	126	1,31	173	230	94	1,02	MIN		
R600a	THB1350MKS	TH685KS	220-240/50	N	PTCSIR	8,20	54	87	126	1,25	173	230	94	0,97	MIN		
R600a	THG1320MJS	TH601JS	220-240/50	N	PTCSCR	3,58	24	37	53	1,30	72	89	40	1,01	MIN		
R600a	THG1320MKS	TH601KS	220-240/50	N	PTCSIR	3,58	24	37	53	1,18	72	89	40	0,92	MIN		
R600a	THG1330MGS	TH611GS	220/50-60	N	PTCSIR	4,23	30	46	67	1,12	90	113			MIN		
R600a	THG1330MGS	TH611GS	220/50-60	N	PTCSCR	4,23	30	46	67	1,19	90	113			MIN		
R600a	THG1330MJS	TH611JS	220-240/50	N	PTCSCR	4,23	30	46	67	1,32	90	113	49	1,02	MIN		
R600a	THG1330MKS	TH611KS	220-240/50	N	PTCSCR	4,23	30	46	67	1,27	90	113	49	0,96	MIN		
R600a	THG1330MKS	TH611KS	220-240/50	N	PTCSIR	4,23	30	46	67	1,18	90	113	49	0,91	MIN		
R600a	THG1340MGS	TH631GS	220/50-60	N	PTCSCR	5,58	41	63	91	1,21	122	152			MIN		
R600a	THG1340MKS	TH631KS	220-240/50	N	PTCSIR	5,58	41	63	91	1,23	122	152	67	0,94	MIN		
R600a	THG1340MKS	TH631KS	220-240/50	N	PTCSCR	5,58	41	63	91	1,30	122	152	67	1,02	MIN		
R600a	THG1345MGS	TH671GS	220/50-60	N	PTCSIR	6,96	49	75	108	1,12	145	182			MIN		
R600a	THG1345MGS	TH671GS	220/50-60	N	PTCSCR	6,96	49	75	108	1,18	145	182			MIN		
R600a	THG1345MJS	TH671JS	220-240/50	N	PTCSCR	6,96	49	75	108	1,39	145	182	81	1,10	MIN		
R600a	THG1345MKS	TH671KS	220-240/50	N	PTCSCR	6,96	49	75	108	1,31	145	182	81	1,02	MIN		
R600a	THG1345MKS	TH671KS	220-240/50	N	PTCSIR	6,96	49	75	108	1,26	145	182	81	0,98	MIN		
R600a	THG1355MJS	TH681JS	220-240/50	N	PTCSCR	8,20	62	95	138	1,39	185	231	102	1,10	MIN		
R600a	THG1355MKS	TH681KS	220-240/50	N	PTCSIR	8,20	62	95	138	1,27	185	231	102	1,00	MIN		
R600a	THG1355MKS	TH681KS	220-240/50	N	PTCSCR	8,20	62	95	138	1,35	185	231	102	1,06	MIN		
R600a	THK1340MJS	TH940JS	220-240/50	N	PTCSCR	5,58	40	62	89	1,51	120	150	66	1,19	MIN		
R600a	THK1340MKS	TH940KS	220-240/50	N	PTCSCR	5,58	40	62	89	1,46	120	150	66	1,16	MIN		
R600a	THK1340MKS	TH940KS	220-240/50	N	PTCSIR	5,58	40	62	89	1,35	120	150	66	1,06	MIN		
R600a	TW1345MS	TW350KS	220-240/50	N	PTCSIR	7,28	61	84	114	1,31	152	197	85	1,01	MIN		
R600a	TW1345MS	TW350KS	220-240/50	N	PTCSCR	7,28	61	84	114	1,38	152	197	85	1,06	MIN		
R600a	TW1355MS	TW360KS	220-240/50	N	PTCSIR	8,36	72	100	136	1,36	181	235	102	1,07	MIN		
R600a	TW1370MS	TW380KS	220-240/50	N	PTCSCR	10,87	90	125	170	1,50	226	293	126	1,17	MIN		
R600a	TW1370MS	TW380KS	220-240/50	N	PTCSIR	10,87	90	125	170	1,40	226	293	126	1,09	MIN		
R600a	TW1380MS	TW390KS	220-240/50	N	PTCSIR	12,49	104	144	196	1,40	261	338	146	1,13	MIN		
R600a	TWA1355MJS	TW360JS	220-240/50	N	PTCSCR	8,36	72	100	136	1,50	181	235	100	1,17	MIN		
R600a	TWA1360MKS	TW370KS	220-240/50	N	PTCSCR	9,75	81	112	152	1,48	202	262	113	1,16	MIN		
R600a	TWA1360MKS	TW370KS	220-240/50	N	PTCSIR	9,75	81	112	152	1,40	202	262	113	1,09	MIN		
R600a	TWA1370MXC	TW380JS	220-240/50	N	PTCSCR	10,87	90	125	170	1,54	226	293	126	1,20	MIN		
R600a	TWA1380MXC	TW390JS	220-240/50	N	PTCSCR	12,49	104	144	196	1,56	261	338	146	1,22	MIN		
R600a	TWB1340MJS	TW341JS	220-240/50	N	PTCSCR	6,53	55	76	104	1,53	138	179	76	1,19	MIN		
R600a	TWB1340MKS	TW341KS	220-240/50	N	PTCSCR	6,53	55	76	104	1,44	138	179	76	1,12	MIN		
R600a	TWB1340MKS	TW341KS	220-240/50	N	PTCSIR	6,53	55	76	104	1,37	138	179	76	1,07	MIN		
R600a	TWB1345MJS	TW351JS	220-240/50	N	PTCSCR	7,28	62	86	117	1,56	156	202	86	1,22	MIN		
R600a	TWB1345MKS	TW351KS	220-240/50	N	PTCSIR	7,28	62	86	117	1,41	156	202	86	1,09	MIN		
R600a	TWB1345MKS	TW351KS	220-240/50	N	PTCSCR	7,28	62	86	117	1,46	156	202	86	1,14	MIN		
R600a	TWB1355MJS	TW361JS	220-240/50	N	PTCSCR	8,36	74	102	139	1,58	185	240	101	1,23	MIN		
R600a	TWB1355MKS	1494358	220-240/50	N	PTCSCR	8,36	73	100	139	1,50	190	253	101	1,16	MIN		
R600a	TWB1355MKS	TW361KS	220-240/50	N	PTCSCR	8,36	74	102	139	1,50	185	240	101	1,16	MIN		
R600a	TWB1355MKS	TW361KS	220-240/50	N	PTCSIR	8,36	74	102	139	1,43	185	240	101	1,11	MIN		
R600a	TWB1360MJS	TW371JS	220-240/50	N	PTCSCR	9,75	83	114	155	1,60	206	268	114	1,24	MIN		

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature										Oil Type
							ASHRAE						CECOMAF				
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)			
R600a	TWB1370MJS	TW381JS	220-240/50	N	PTCSCR	10,87	90	125	170	1,62	226	293	126	1,26	MIN		
R600a	TWB1370MKSTW381KS		220-240/50	N	PTCSCR	10,87	90	125	170	1,54	226	293	126	1,19	MIN		
R600a	TWB1370MKSTW381KS		220-240/50	N	PTCSIR	10,87	90	125	170	1,46	226	293	126	1,13	MIN		
R600a	TWB1374MJS	TW385JS	220-240/50	N	PTCSCR	11,70	101	140	190	1,61	253	328	142	1,27	MIN		
R600a	TWB1374MKSTW385KS		220-240/50	N	PTCSCR	11,70	101	140	190	1,55	253	328			MIN		
R600a	TWB1374MKSTW385KS		220-240/50	N	PTCSIR	11,70	101	140	190	1,48	253	328	142	1,16	MIN		
R600a	TWB1380MJS	TW391JS	220-240/50	N	PTCSCR	12,49	109	151	205	1,61	272	353	152	1,26	MIN		
R600a	TWB1380MKSTW391KS		220-240/50	N	PTCSCR	12,49	109	151	205	1,55	272	353	152	1,20	MIN		
R600a	TP1360MS	TP302JS	220-240/50	N	PTCSCR	8,37	77	106	146	1,63	200	266	108	1,27	MIN		
R600a	TP1370MS	TP303JS	220-240/50	N	PTCSCR	10,86	96	132	183	1,66	250	333	135	1,28	MIN		
R600a	TP1370MS	TP303KS	220-240/50	N	PTCSCR	10,86	99	137	183	1,59	237	300	135	1,25	MIN		
R600a	TP1370MS	TP303KS	220-240/50	N	PTCSIR	10,86	99	137	183	1,53	237	300	135	1,20	MIN		
R600a	TP1380MS	TP305JS	220-240/50	N	PTCSCR	12,52	109	150	208	1,64	284	378	152	1,27	MIN		
R600a	TP1380MS	TP305KS	220-240/50	N	PTCSIR	12,52	109	150	208	1,47	284	378	152	1,14	MIN		
R600a	TPJ1342MJS	TP369JS	220-240/50	N	PTCSCR	6,18	54	75	104	1,55	142	189	76	1,19	MIN		
R600a	TPJ1345MJS	TP362JS	220-240/50	N	PTCSCR	6,53	57	78	108	1,57	148	197	81	1,22	MIN		
R600a	TPJ1350MJS	TP363JS	220-240/50	N	PTCSCR	7,28	66	91	126	1,64	172	229	92	1,26	MIN		
R600a	TPJ1360MJS	TP364JS	220-240/50	N	PTCSCR	8,37	77	106	146	1,65	200	266	111	1,31	MIN		
R600a	TPJ1370MGS	TP365GS	220/50-60	N	PTCSIR	10,86	96	132	183	1,49	250	333	135	1,14	MIN		
R600a	TPJ1370MJS	TP365JS	220-240/50	N	PTCSCR	10,86	96	132	183	1,69	250	333	135	1,31	MIN		
R600a	TPJ1370MKSTP365KS		220-240/50	N	PTCSIR	10,86	96	132	183	1,56	250	333	135	1,24	MIN		
R600a	TPJ1370MKSTP365KS		220-240/50	N	PTCSCR	10,86	96	132	183	1,63	250	333	135	1,28	MIN		
R600a	TPJ1380MGS	TP366GS	220/50-60	N	PTCSIR	12,52	113	155	215	1,49	294	392	160	1,16	MIN		
R600a	TPJ1380MGS	TP366GS	220/50-60	N	PTCSCR	12,52	113	155	215	1,57	294	392			MIN		
R600a	TPJ1380MJS	TP366JS	220-240/50	N	PTCSCR	12,52	113	155	215	1,66	294	392	160	1,29	MIN		
R600a	TPJ1380MJS	TP366JS	220-240/50	N	PTCSCR	12,52	113	155	215	1,66	294	392	160	1,29	MIN		
R600a	TPJ1380MKSTP366KS		220-240/50	N	PTCSIR	12,52	113	155	215	1,51	294	392	160	1,17	MIN		
R600a	TPJ1380MKSTP366KS		220-240/50	N	PTCSCR	12,52	113	155	215	1,59	294	392	160	1,25	MIN		
R600a	TPJ1380MMS	TP366MS	220/50-60	N	PTCSCR	12,52	113	155	215	1,62	294	392	160	1,26	MIN		
R12	AZ1320DS	AZ224NS	220-240/50	N	RSIR	2,23	21	34	50	0,86	68	91			AB1		
R12	AZ1328DS	AZ225FS	220/50	N	RSIR	2,95	31	51	73	0,89	100	133			AB1		
R12	AZ1328DS	AZ225NS	220-240/50	N	RSIR	2,95	31	51	73	0,89	100	133			AB1		
R12	AZ1335DS	AZ223NS	220-240/50	N	RSIR	3,59	39	63	91	1,01	125	166			AB1		
R12	AZ1340DS	AZ222FS	220/50	N	RSIR	4,00	45	73	105	1,00	145	192			AB1		
R12	AZ1340DS	AZ222NS	220-240/50	N	RSIR	4,00	45	73	105	1,05	145	192			AB1		
R12	AZ1355DS	AZ226FS	220/50	N	RSIR	5,58	60	96	139	1,03	191	254			AB1		
R12	AZ1355DS	AZ226NS	220-240/50	N	RSIR	5,58	60	96	139	1,08	191	254			AB1		
R12	AZ1360DS	AZ245FS	220/50	N	RSIR	5,90	68	109	158	1,01	217	288			AB1		
R12	AZ1360DS	AZ245NS	220-240/50	N	RSIR	5,90	68	109	158	1,09	217	288			AB1		
R12	THB1340AS	TH435HS	220/50	N	PTCSIR	3,58	45	73	105	1,03	145	192			AB1		
R12	AE1336AS	AE120GS	220/50-60	N	RSIR	4,49	43	67	97	0,84	131	168			AB1		
R12	AE1336AS	AE120HS	220/50	N	RSIR	4,49	43	67	97	0,95	131	168			AB1		
R12	AE1336AS	AE120KS	220-240/50	N	RSIR	4,49	43	67	97	0,96	131	168			AB1		
R12	AE1343AS	AE130GS	220/50-60	N	RSIR	5,47	51	79	114	0,79	155	198			AB1		
R12	AE1343AS	AE130GS	220/50-60	F	RSIR	5,47	52	81	118	0,81	159	204			AB1		

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling ②	Motor Type	Displacement (cm³/rev.)	Cooling Capacity (W) Evaporating Temperature								Oil Type ④
							ASHRAE ③						CECOMAF ③		
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)	COP (W/W)	
R12	AE1343AS	AE130KS	220-240/50	F	RSIR	5,47	52	81	118	0,99	159	204			AB1
R12	AE1343AS	AE130KS	220-240/50	N	RSIR	5,47	51	79	114	0,96	155	198			AB1
R12	AE1360AS	AE140FS	220/50	N	RSIR	7,55	73	113	164	1,09	222	284			AB1
R12	AE1360AS	AE140GS	220/50-60	F	RSIR	7,55	75	116	168	0,93	228	292			AB1
R12	AE1360AS	AE140GS	220/50-60	N	RSIR	7,55	73	113	164	0,91	222	284			AB1
R12	AE1360AS	AE140HS	220/50	N	RSIR	7,55	73	113	164	1,09	222	284			AB1
R12	AE1360AS	AE140HS	220/50	F	RSIR	7,55	75	116	168	1,12	228	292			AB1
R12	AE1360AS	AE140KS	220-240/50	F	RSIR	7,55	75	116	168	1,07	228	292			AB1
R12	AE1360AS	AE140KS	220-240/50	N	RSIR	7,55	73	113	164	1,04	222	284			AB1
R12	AE1370VS	AE444KS	220-240/50	N	RSIR	6,90	82	127	184	1,10	250	320			AB1
R12	AE1370VS	AE444KS	220-240/50	F	RSIR	6,90	85	131	190	1,13	258	330			AB1
R12	AE1380AS	AE150FS	220/50	N	RSIR	8,85	88	137	199	1,09	270	345	151	0,87	AB1
R12	AE1380AS	AE150GS	220/50-60	F	RSIR	8,85	92	143	208	0,90	282	361			AB1
R12	AE1380AS	AE150GS	220/50-60	N	RSIR	8,85	88	137	199	0,87	270	345			AB1
R12	AE1380AS	AE150HS	220/50	N	RSIR	8,85	88	137	199	1,08	270	345			AB1
R12	AE1380AS	AE150HS	220/50	F	RSIR	8,85	92	143	208	1,13	282	361			AB1
R12	AE1380AS	AE150KS	220-240/50	F	RSIR	8,85	92	143	208	1,08	282	361			AB1
R12	AE1380AS	AE150KS	220-240/50	N	RSIR	8,85	88	137	199	1,03	270	345			AB1
R12	AE1390VS	AE455FS	220/50	N	RSIR	8,09	98	152	220	1,16	298	381			AB1
R12	AE1390VS	AE455KS	220-240/50	F	RSIR	8,09	101	157	227	1,23	307	394			AB1
R12	AE1390VS	AE455KS	220-240/50	N	RSIR	8,09	98	152	220	1,19	298	381			AB1
R12	AE1410AS	AE232KS	220-240/50	F	RSIR	12,04	113	176	255	1,03	346	443			AB1
R12	AE1410AS	AE232KS	220-240/50	N	RSIR	12,04	110	171	247	1,00	335	429			AB1
R12	AE1410VS	AE466KS	220-240/50	F	RSIR	9,41	115	178	259	1,10	350	448			AB1
R12	AE1410VS	AE466KS	220-240/50	N	RSIR	9,41	111	173	250	1,06	339	434			AB1
R12	AE1413AS	AE250FS	220/50	N	RSIR	14,17	140	218	316	1,06	428	548			AB1
R12	AE1413AS	AE250KS	220-240/50	F	RSIR	14,17	144	224	325	1,09	440	564			AB1
R12	AE1413AS	AE250KS	220-240/50	N	RSIR	14,17	140	218	316	1,09	428	548			AB1
R12	AE2380AS	AE153FS	220/50	F	CSIR	8,85	92	143	208	1,15	282	361	158	0,91	AB1
R12	AE2380AS	AE153GS	220/50-60	N	CSIR	8,85	88	137	199	0,87	270	345			AB1
R12	AE2380AS	AE153GS	220/50-60	F	CSIR	8,85	92	143	208	0,90	282	361			AB1
R12	AE2380AS	AE153HS	220/50	N	CSIR	8,85	88	137	199	1,08	270	345			AB1
R12	AE2380AS	AE153HS	220/50	F	CSIR	8,85	92	143	208	1,13	282	361			AB1
R12	AE2410AS	AE235KS	220-240/50	F	CSIR	12,04	113	176	255	1,11	346	443			AB1
R12	AE2410AS	AE235KS	220-240/50	N	CSIR	12,04	110	171	247	1,08	335	429			AB1
R12	AE2413AS	AE255KS	220-240/50	N	CSIR	14,17	140	218	316	1,04	428	548			AB1
R12	AE2413AS	AE255KS	220-240/50	F	CSIR	14,17	144	224	325	1,07	440	564			AB1
R12	AE2415AS	AE334FS	220/50	F	CSIR	16,08	171	266	385	1,08	522	668			AB1
R12	TW1380AS	TW245FR	220/50	N	RSIR	6,53	109	150	204	1,26	271	351			AB1
R12	TW1380AS	TW245FR	220/50	N	PTCSIR	6,53	109	150	204	1,26	271	351			AB1
R12	TW1380AS	TW245FS	220/50	N	PTCSIR	6,53	109	150	204	1,26	271	351			AB1
R12	TW1380AS	TW245FS	220/50	N	PTCSIR	6,53	109	150	204	1,26	271	351			AB1
R12	TP1375AS	TP200JS	220-240/50	N	PTCSCR	5,65	101	140	187	1,37	243	308			AB1
R12	TP1375AS	TP200KS	220-240/50	N	PTCSIR	5,65	101	140	187	1,30	243	308			AB1
R12	TP1390AS	TP204JS	220-240/50	N	PTCSCR	6,53	125	173	231	1,54	300	380			AB1

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature							Oil Type	
							ASHRAE						CECOMAF		
							-34,4°C (-30°F)	-28,9°C (-20°F)	-23,3°C (-10°F)	COP (W/W)	-17,8°C (0°F)	-12,2°C (10°F)	-25,0°C (-13°F)		COP (W/W)
R12	TP1390AS	TP204KS	220-240/50	F	PTCSIR	6,53	125	173	231	1,42	300	380			AB1
R12	TP1390AS	TP204KS	220-240/50	N	PTCSIR	6,53	125	173	231	1,42	300	380			AB1
R12	AKL19AS	AK219FS	220/50	F	CSIR	18,80	187	289	410	1,26	560	747			AB1
R12	AKL26AS	AK226KS	220-240/50	F	CSIR	26,00	245	378	537	1,07	733	979			AB1
R22	AE2411ES	AE165JS	220-240/50	F	CSIR	6,60	96	160	228	1,02	303	389			AB1
R22	AE2415ES	AE456JS	220-240/50	F	CSIR	8,09	129	216	307	0,99	408	524			AB1
R404A	AE2415ZS	AE856KS	220-240/50	F	CSIR	8,09	191	274	381	1,12	506	648			POE
R404a	AEA2413ZKS	AE823KS	220-240/50	F	CSIR	10,10	219	315	436	1,16	580	743			POE
R404A	AEA2415ZKS	AE825KS	220-240/50	F	CSIR	12,54	272	391	542	1,14	721	922			POE
R404A	AKL19ZS	AK819KS	220-240/50	F	CSR	18,80	402	569	776	1,28	1037	1364			POE
R404A	AKL26ZS	AK826KS	220-240/50	F	CSR	26,00	619	876	1195	1,30	1596	2100			POE
R404A	HGA2425ZXC	HG561JR	220-240/50	F	CSR	11,74	443	521	575	1,14	634	697			PVE
R404A	TYA2431ZKS	TY411KS	220-240/50	F	CSR	18,80	263	486	766	1,17	1115	1445			POE
R404A	TYA2438ZKS	TY412KS	220-240/50	F	CSR	22,33	317	587	925	1,24	1346	1744			POE
R502	AE2411JS	AE165KS	220-240/50	F	CSIR	6,60	113	189	269	1,09	358	459			AB1
R502	AE2415JS	AE456KS	220-240/50	F	CSIR	8,08	153	257	366	1,07	486	624			AB1

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling ❶	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature						Oil Type ❷
							ASHRAE ❸						
							-17,8°C (0°F)	-12,2°C (10°F)	-6,7°C (20°F)	COP (W/W)	7,2°C (45°F)	10,0°C (50°F)	
R134a	AZ0345YS	AZ400GS	220/50-60	F	RSIR	2,23	65	86	114	1,10	217	243	POE
R134a	AZ0345YS	AZ400JS	220-240/50	N	RSIR	2,23	60	80	105	1,21	200	224	POE
R134a	AZ0345YS	AZ400JS	220-240/50	F	RSIR	2,23	65	86	114	1,28	217	243	POE
R134a	AZ0360YS	AZ410GS	220/50-60	F	PTCSIR	2,95	87	115	152	1,22	289	324	POE
R134a	AZ0360YS	AZ410GS	220/50-60	F	RSIR	2,95	87	115	152	1,22	289	324	POE
R134a	AZ0360YS	AZ410JS	220-240/50	F	RSIR	2,95	87	115	152	1,28	289	324	POE
R134a	AZ0360YS	AZ410JS	220-240/50	N	RSIR	2,95	86	113	149	1,25	283	318	POE
R134a	AZ0360YS	AZ410MS	220/50-60	N	RSIR	2,95	86	113	149	1,23	283	318	POE
R134a	AZ0360YS	AZ410MS	220/50-60	N	PTCSIR	2,95	86	113	149	1,23	283	318	POE
R134a	AZ0368YS	AZ415GS	220/50-60	N	RSIR	3,40	98	130	171	1,19	325	365	POE
R134a	AZ0368YS	AZ415GS	220/50-60	F	RSIR	3,40	101	133	176	1,22	333	374	POE
R134a	AZ0374YS	AZ420JS	220-240/50	F	RSIR	3,59	109	144	190	1,36	361	405	POE
R134a	AZ0374YS	AZ420JS	220-240/50	N	RSIR	3,59	104	137	181	1,32	343	385	POE
R134a	AZ0387YS	AZ430JS	220-240/50	F	PTCSIR	4,00	127	167	221	1,45	419	471	POE
R134a	AZ0387YS	AZ430JS	220-240/50	F	RSIR	4,00	127	167	221	1,45	419	471	POE
R134a	AZ0411YS	AZ440JS	220-240/50	F	RSIR	5,59	165	218	288	1,41	547	614	POE
R134a	AZ0411YS	AZ440JS	220-240/50	F	RSIR	5,59	165	218	288	1,41	547	614	POE
R134a	AZ0413YS	AZ445JS	220-240/50	F	RSIR	5,91	190	251	331	1,33	627	705	POE
R134a	AZ9387YS	AZ434JS	220-240/50	F	CSIR	4,00	122	161	212	1,36	403	452	POE
R134a	AZ9411YS	AZ444JS	220-240/50	F	CSIR	5,59	158	209	276	1,25	523	587	POE
R134a	AZA0335YXC	AZ400LR	220-240/50	F	RSIR	2,23	63	83	110	1,08	208	234	POE
R134a	AZA0370YXC	AZ430KR	220-240/50	F	PTCSIR	4,00	127	167	221	1,42	419	471	POE
R134a	AZA0395YXC	AZ440LR	220-240/50	F	PTCSIR	5,59	165	218	288	1,34	547	614	POE
R134a	TPA9415YFS	TP126FS	220/50	F	CSIR	7,28	237	321	425	1,62	795	892	POE
R134a	TPA9417YFS	TP127FS	220/50	F	CSIR	8,37	270	365	483	1,57	905	1015	POE
R134a	TPA9419YFS	TP118FS	220/50	F	CSIR	9,75	294	398	527	1,60	987	1107	POE
R134a	TPA9421YFS	TP119FS	220/50	F	CSIR	10,87	343	465	615	1,62	1151	1292	POE
R134a	TPA9423YFS	TP117FS	220/50	F	CSIR	12,48	397	538	712	1,61	1332	1495	POE
R12	AZ0345AS	AZ224JS	220-240/50	F	RSIR	2,23	63	83	110	1,14	208	234	AB1
R12	AZ0360AS	AZ225JS	220-240/50	F	RSIR	2,95	84	111	146	1,31	278	312	AB1
R12	AZ0360AS	AZ225JS	220-240/50	F	CSIR	2,95	84	111	146	1,31	278	312	AB1
R12	AZ0374AS	AZ223JS	220-240/50	F	RSIR	3,59	104	137	181	1,38	343	385	AB1
R12	AZ0374AS	AZ223JS	220-240/50	F	CSIR	3,59	104	137	181	1,38	343	385	AB1
R12	AZ0387AS	AZ222JS	220-240/50	F	RSIR	4,00	122	161	212	1,43	403	452	AB1
R12	AZ0411AS	AZ226JS	220-240/50	F	RSIR	5,59	158	209	276	1,31	523	587	AB1
R22	AE9415ES	AE162GS	220/50-60	F	CSIR	5,67	173	297	415	1,32	784	887	AB1
R22	AE9415ES	AE162KS	220-240/50	F	CSIR	5,67	173	297	415	1,33	784	887	AB1
R22	AE9422ES	AE172FS	220/50	F	CSIR	7,57	235	403	562	1,42	1062	1201	AB1
R22	AE9422ES	AE172KS	220-240/50	F	CSIR	7,57	235	403	562	1,31	1062	1201	AB1
R22	AE9430ES	AE182FS	220/50	F	CSIR	8,85	280	481	671	1,39	1267	1433	AB1
R22	AE9430ES	AE182KS	220-240/50	F	CSIR	8,85	280	481	671	1,35	1267	1433	AB1
R22	AE9440ES	AE192FS	220/50	F	CSIR	12,04	354	609	849	1,31	1605	1815	AB1
R22	AE9440ES	AE192KS	220-240/50	F	CSIR	12,04	354	609	849	1,26	1605	1815	AB1
R404A	AE9411ZS	AE148KS	220-240/50	F	CSIR	4,04	130	223	312	1,30	589	666	POE
R404A	AE9415ZS	AE570KS	220-240/50	F	CSIR	5,67	194	334	466	1,41	880	995	POE

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling ❶	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature						Oil Type ❷
							ASHRAE ❸						
							-17,8°C (0°F)	-12,2°C (10°F)	-6,7°C (20°F)	COP (W/W)	7,2°C (45°F)	10,0°C (50°F)	
R404A	AE9422ZS	AE590KS	220-240/50	F	CSIR	7,57	280	481	671	1,44	1267	1433	POE
R404A	AEA9430ZXC	AE420KS	220-240/50	F	CSIR	10,10	347	596	832	1,44	1572	1777	POE
R404A	AEA9440ZXC	AE440KS	220-240/50	F	CSIR	13,24	421	723	1009	1,40	1906	2156	POE
R404A	TYA9472ZKS	TY402KS	220-240/50	F	CSR	22,30	432	764	1084	0,97	1778	1975	POE
R290	AE0411EU	AE943KS	220-240/50	F	PTCSIR	4,04	112	193	269	1,38	509	576	MIN
R290	AE9415US	AE962KS	220-240/50	F	PTCCSIR	5,67	167	287	401	1,35	758	857	MIN

Refrigerant	Model	Bill of Materials	Voltage/ Frequency (V/Hz)	Cooling ②	Motor Type	Displacement (cm3/rev.)	Cooling Capacity (W) Evaporating Temperature						Oil Type ④
							ASHRAE ③						
							0,0°C (32°F)	4,4°C (40°F)	7,2°C (45°F)	COP (W/W)	10,0°C (50°F)	12,8°C (55°F)	
R22	AE5455ES	AE220KS	220-240/50	F	PSC	10,10	1009	1196	1341	2,06	1494	1644	AB1
R22	AE5460ES	AE230KS	220-240/50	F	PSC	11,30	1101	1306	1464	2,12	1631	1795	AB1
R22	AE5465ES	AE231NS	220-240/50	F	PSC	12,00	1194	1416	1587	2,15	1768	1946	AB1
R22	AE5470ES	AE240KS	220-240/50	F	PSC	13,24	1285	1524	1708	2,01	1903	2094	AB1
R22	AE5470ES	AE240KS	220-240/50	F	CSR	13,24	1285	1524	1708	2,01	1903	2094	AB1
R22	AE5475ES	AE245KS	220-240/50	F	PSC	14,17	1388	1646	1845	2,03	2055	2261	AB1
R22	AK5512ES	AK111KS	220-240/50	F	CSR	22,30	2115	2586	2928	2,22	3300	3697	AB1
R22	AK5515ES	AK115KS	220-240/50	F	CSR	26,00	2538	3103	3514	2,09	3961	4437	AB1
R22	AK5515ES	AK115KS	220-240/50	F	PSC	26,00	2538	3103	3514	2,09	3961	4437	AB1
R22	RGA5467EXC	RG131JR	220-240/50	F	PSC	9,52	1234	1451	1602	3,11	1765	1941	AB1
R22	RGA5472EXC	RG141JR	220-240/50	F	PSC	10,23	1343	1578	1742	3,13	1920	2111	AB1
R22	RGA5480EXC	RG151JR	220-240/50	F	PSC	11,52	1523	1790	1977	3,08	2178	2395	AB1
R22	RGA5485EXC	RG161JR	220-240/50	F	PSC	11,74	1591	1870	2064	3,08	2275	2502	AB1
R22	RGA5492EXC	RG171JR	220-240/50	F	PSC	12,74	1729	2032	2243	3,14	2472	2718	AB1
R22	RGA5510EXC	RG181JR	220-240/50	F	PSC	14,25	1936	2276	2512	3,02	2768	3045	AB1
R22	RGA5512EKS	RG191KS	220-240/50	N	PSC	16,11	2099	2467	2723	2,94	3001	3300	AB1
R22	RGA5512EXC	RG191JR	220-240/50	F	PSC	16,11	2162	2541	2805	3,03	3091	3400	AB1
R22	RKA5513EXC	RK157JR	220-240/50	F	PSC	18,10	2410	2804	3104	3,17	3425	3750	AB1
R22	RKA5515EXC	RK222JR	220-240/50	F	PSC	21,40	2842	3307	3660	3,18	4039	4423	AB1
R22	RKA5518EKS	RK233KS	220-240/50	F	PSC	24,40	3252	3783	4187	2,93	4620	5059	AB1
R22	RKA5518EKS	RK233KS	220-240/50	N	PSC	24,40	3115	3625	4012	2,81	4426	4847	AB1
R22	RKA5518EXC	RK233JR	220-240/50	F	PSC	24,40	3252	3783	4187	3,15	4620	5059	AB1
R22	HGA5472EXC	HG141JR	220-240/50	F	PSC	10,23	1343	1578	1742	3,13	1920	2111	AB1
R22/R290	R407C AE5465CS	AE238KS	220-240/50	F	PSC	12,00	1110	1359	1543	2,11	1773	2068	POE
	AE5465EU	AE931NS	220-240/50	F	PSC	12,00	615	1056	1473	2,38	2783	3148	MIN
	R407C AE5470CS	AE241KS	220-240/50	F	PSC	13,24	1141	1396	1586	1,92	1822	2125	POE
	R407C AEA5455CKS	AE221KS	220-240/50	F	PSC	10,10	935	1145	1300	2,27	1494	1742	POE
	R407C AK5512CS	AK113KS	220-240/50	F	PSC	22,30	2003	2449	2773	2,35	3126	3501	POE
R407C	AK5515CS	AK117KS	220-240/50	F	PSC	26,00	967	1367	1830	1,24	3239	3559	POE
R410A	HGA5510BXD	HG143ER	200/50-60	F	CSR	10,23	1850	2175	2401	2,45	2646	2910	PVE
R410A	HGA5510BXD	HG143ER	200/50-60	F	PSC	10,23	1850	2175	2401	2,45	2646	2910	PVE
R407C	RGA5467CXC	RG131KR	220-240/50	F	PSC	9,52	1174	1390	1537	2,96	1699	1877	PVE
R407C	RGA5472CXC	RG141KR	220-240/50	F	PSC	10,23	1266	1488	1643	2,93	1810	1991	PVE
R407C	RGA5485CXC	RG161KR	220-240/50	F	PSC	11,74	1427	1689	1868	2,92	2064	2280	PVE
R407C	RGA5492CXC	RG171KR	220-240/50	F	PSC	12,74	1535	1804	1991	2,87	2194	2413	PVE
R407C	RGA5510CXC	RG181KR	220-240/50	F	PSC	14,25	1749	2056	2269	2,79	2501	2750	PVE
R407C	RGA5512CXC	RG191KR	220-240/50	F	PSC	16,11	1946	2303	2548	2,78	2815	3110	PVE
R407C	RGC5472CXC	RG141KS	220-240/50	F	PSC	10,23	1266	1488	1643	2,93	1810	1991	PVE
R407C	HGA5467CXC	HG131KR	220-240/50	F	PSC	9,52	1174	1390	1537	2,96	1699	1877	PVE
R410A	HGA5471BXC	HG103JR	220-240/50	F	CSR	7,12	1298	1525	1684	2,70	1855	2040	PVE
R410A	HGA5479BXC	HG113JR	220-240/50	F	CSR	7,95	1354	1592	1757	2,62	1936	2129	PVE
R407C	HGA5480CXC	HG151KR	220-240/50	F	PSC	11,52	1409	1668	1845	2,91	2038	2252	PVE
R407C	HGA5512CXC	HG191KR	220-240/50	F	PSC	16,11	1946	2303	2548	2,78	2815	3110	PVE