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written by Lilianne | 6 December 2024



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SERIE R600a

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Motor type
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
EMT 23CLP	220-240/50	4.50	77	1.22	-	-	53	70	90	114	143	-	-	-	-	-	RSIR
EMI 40CNP 50-60Hz	220-240/50	6.36	100	1.14	-	-	67	90	118	152	194	244	-	-	-	-	RSIR
	230/60		119	1.16	-	-	88	115	145	181	227	284	-	-	-	-	RSIR
EM2C 46CLT	220-240/50	7.96	137	1.73	-	-	93	124	162	208	263	-	-	-	-	-	RSCR
EMT 56CLP	220-240/50	9.04	157	1.33	-	-	106	143	187	239	300	-	-	-	-	-	RSIR/RSCR
EMYE 70CLP 50-60Hz	220-240/50	10.61	200	1.34	-	-	128	171	250	285	350	-	-	-	-	-	RSIR
	230/60		238	1.39	-	-	169	219	308	340	409	-	-	-	-	-	RSIR
EGYS 110CLC	220-240/50	14.77	263	1.83	-	-	187	241	307	387	486	-	-	-	-	-	RSCR
EMT 45CDP	220-240/50	6.78	-	-	397	2.71	-	-	-	152	192	239	296	361	-	-	RSIR
EMT 6144Y	220-240/50	9.04	-	-	539	2.48	-	-	-	216	273	337	410	494	-	-	CSIR
EMT 6160Y	220-240/50	11.14	-	-	654	2.27	-	-	-	262	329	408	498	600	-	-	CSIR

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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INVERTER COMPRESSOR R290

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Frequency range [rps]
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
FMFT 406U	220-240/46-150	6.44	140	1.74	-	-	99	129	165	207	256	313	378	-	-	-	25
			510	1.81	-	-	363	467	586	718	865	1,025	1,198	-	-	-	75
FMFT 411U	220-240/60-150	11.14	287	1.77	-	-	211	266	329	401	485	582	676	-	-	-	25
			861	1.75	-	-	634	798	986	1,203	1,455	1,747	2,028	-	-	-	75
FMFT 413U	220-240/60-150	12.92	403	1.76	-	-	287	369	467	585	727	896	1,094	-	-	-	30
			998	1.74	-	-	726	922	1,141	1,381	1,644	1,931	2,242	-	-	-	75
FMFT 415U	220-240/50-170	14.77	469	1.81	-	-	333	420	518	632	765	920	1,101	-	-	-	25
			1,251	1.66	-	-	924	1,174	1,451	1,755	2,089	2,453	2,847	-	-	-	80

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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VEM INVERTER SERIES - R134a/R513A

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Frequency range [rps]
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
VEMY 6HH	220-240/53-150	5.72	97	1.65	-	-	61	86	118	156	202	255	-	-	-	-	25
			230	1.62	-	-	153	208	273	348	433	528	-	-	-	-	75

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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SERIE F R290

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Motor type
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
FFU 130UAX 50-60Hz	220-240/50	6.76	319	1.49	-	-	224	286	366	463	577	707	-	-	-	-	CSIR
	230/60		399	1.55	-	-	295	367	451	552	675	824	-	-	-	-	
FFU 160UAX	220-240/50	7.95	399	1.45	-	-	297	375	464	567	688	830	-	-	-	-	CSIR

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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SERIE EMC R290 (High Efficiency)

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Motor Type
			Check Point -23.3°C		Check Point +7.2°C		-30.0°C	-25.0°C	-20.0°C	-15.0°C	-10.0°C	-5.0°C	0°C	+5.0°C	+10.0°C	+15.0°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
EMC3117U	220-240/50	3.97	197	1.79	-	-	145	182	228	282	345	416	496	-	-	-	RSCR
EMC3119U	220-240/50	4.53	229	1.83	-	-	164	210	266	332	406	489	582	-	-	-	RSCR
EMC3121U	220-240/50	5.54	271	1.88	-	-	192	249	313	385	465	553	649	-	-	-	RSCR
EMC3125U	220-240/50	6.09	305	1.88	-	-	218	278	350	435	533	643	766	-	-	-	RSCR
EMC3130U	220-240/50	6.92	349	1.84	-	-	243	311	394	491	601	725	863	-	-	-	RSCR
EMC3134U	220-240/50	7.95	417	1.85	-	-	309	385	478	587	713	855	1014	-	-	-	RSCR
EMC3140U	220-240/50	9.04	459	1.77	-	-	337	427	536	661	805	966	1145	-	-	-	RSCR
EMC3145U	220-240/50	11.14	559	1.75	-	-	409	517	646	797	969	1164	1380	-	-	-	RSCR

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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SERIE EM R290

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Motor type
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
EMI 50UER 50-60Hz	220-240/50	3.00	127	1.28	-	-	91	118	147	178	212	248	-	-	-	-	RSIR/CSIR
	230/60		153	1.33	-	-	103	138	181	231	290	355	-	-	-	-	
EMI 70UER 50-60Hz	220-240/50	4.10	177	1.18	-	-	120	159	208	266	332	407	-	-	-	-	RSIR/CSIR
	230/60		210	1.31	-	-	142	190	248	317	396	485	-	-	-	-	
EMI 90UEX	220-240/50	5.00	229	1.28	-	-	184	213	230	261	334	474	-	-	-	-	CSIR

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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SERIE EG/F R134a-R513A

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Motor type
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
EGAS 80HLR	115-127/60	6.36	240	1.55	-	-	151	215	289	377	482	-	-	-	-	-	RSIR/CSIR
EGAS 90HLR 50/60Hz	220-240/50	7.15	219	1.50	-	-	143	197	260	335	424	-	-	-	-	-	RSIR/CSIR
	230/60		271	1.59	-	-	175	243	320	413	524	-	-	-	-	-	RSIR/CSIR
EGAS 90HLR	115-127/60	7.15	275	1.59	-	-	175	243	320	413	524	-	-	-	-	-	RSIR/CSIR
EGAS 100HLR 50-60Hz	220-240/50	7.95	251	1.52	-	-	162	225	298	383	483	-	-	-	-	-	RSIR
	230/60		308	1.60	-	-	200	277	366	470	593	-	-	-	-	-	RSIR/CSIR
EGAS 100HLR	115-127/60	7.95	308	1.58	-	-	200	277	366	470	593	-	-	-	-	-	RSIR/CSIR
FFI 8.5HAK 50-60Hz	220-240/50	7.15	206	1.32	-	-	135	187	248	320	406	506	-	-	-	-	RSIR/CSIR
	230/60		241	1.37	-	-	157	219	294	384	491	618	-	-	-	-	RSIR/CSIR
FFI 10HAK 50-60Hz	220-240/50	9.04	249	1.30	-	-	153	218	300	398	509	634	-	-	-	-	RSIR/CSIR
	230/60		302	1.42	-	-	186	268	362	470	598	749	-	-	-	-	RSIR/CSIR
FFI 10HAK	115-127/60	9.04	302	1.42	-	-	187	268	362	470	598	749	-	-	-	-	RSIR/CSIR
FFI 12HBK 50-60Hz	220-240/50	11.14	319	1.25	1.316	2.61	209	285	381	496	631	787	965	1.164	1.386	1.631	RSIR/CSIR
	230/60		349	1.18	1.553	2.28	221	308	419	554	714	901	1.116	1.361	1.637	1.946	CSIR
FFI 12HBK	115-127/60	11.14	349	1.20	1.553	2.54	218	304	414	552	718	913	1.140	1.400	1.694	2.024	RSIR/CSIR
FFU 130HAX	220-240/50	10.61	309	1.38	-	-	201	178	368	475	604	761	-	-	-	-	CSIR
FFU 160HAX	220-240/50	12.92	388	1.46	-	-	266	355	456	577	726	909	1.134	-	-	-	CSIR
FFUS 80HAK 50-60Hz	220-240/50	6.76	201	1.37	-	-	134	181	239	310	395	496	616	-	-	-	RSIR/CSIR
	230/60		236	1.47	-	-	154	212	282	367	468	587	752	-	-	-	RSIR/CSIR
FFUS 80HAK	115-127/60	6.76	236	1.44	-	-	156	213	283	369	472	594	738	-	-	-	RSIR/CSIR
FFUS 100HAK 50-60Hz	220-240/50	7.95	248	1.43	-	-	166	225	300	391	498	621	761	-	-	-	RSIR/CSIR
	230/60		295	1.52	-	-	194	267	359	469	595	736	890	-	-	-	RSIR/CSIR
FFUS 100HAK	115-127/60	7.95	295	1.58	-	-	194	266	356	464	591	738	906	-	-	-	RSIR/CSIR

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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SERIE EM R134a-R513A

Model	Power Source [V/Hz]	Displacement [cc/rev]	Capacity / Evaporating Temperature - ASHRAE														Motor type
			Check Point -23.3°C		Check Point +7.2°C		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	+5°C	+10°C	+15°C	
			CAP [W]	COP [W/W]	CAP [W]	COP [W/W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	CAP [W]	
EM 30HHR 50-60Hz	220-240/50	3.00	76	0.88	343	2.45	49	71	96	127	164	206	256	312	377	450	RSIR/CSIR
	230/60		91	1.01	404	2.53	57	85	117	153	196	246	306	376	458	554	
EM 30HHR	115/60	3.00	91	0.94	407	2.50	58	85	116	154	197	249	309	379	460	553	RSIR
EM 45HHR	220-240/50	3.77	102	1.03	440	2.63	61	85	116	154	200	255	320	396	484	585	RSIR/CSIR
EMI 45HER	115-127/60	3.77	123	1.26	-	-	74	109	150	196	248	-	-	-	-	-	RSIR
EM 55HHR 50-60Hz	220-240/50	4.60	-	-	533	2.69	-	-	-	-	-	326	399	485	583	694	RSIR
	230/60		-	-	630	2.60	-	-	-	-	-	377	471	579	701	837	
EM 55HHR	115-127/60	4.60	-	-	630	2.52	-	-	-	-	-	365	454	560	681	819	RSIR
EM 65HHR	220-240/50	5.54	-	-	639	2.61	-	-	-	-	-	405	475	567	681	818	RSIR
EM 65HHR 50-60Hz	220-240/50	5.54	-	-	645	2.39	-	-	-	-	304	388	484	592	711	842	RSIR/CSIR
	230/60		-	-	766	2.49	-	-	-	-	381	473	581	705	845	1,001	
EM 65HHR	115/60	5.54	-	-	762	2.50	-	-	-	-	358	447	554	680	824	986	RSIR

Rated Test Conditions:

Condensing Temperature	54.4°C
Liquid Temperature	32.2°C
Suction Temperature	32.2°C
Ambient Temperature	32.2°C

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