

R134a • L/M/HBP - M/HBP - HBP • 60Hz - BR portfolio

MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY ASHRAE HBP32					WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m ³ /h	OIL		EXP DEVICE	DRAWINGS		MODEL	
							CAPACITY W	EFFICIENCY W/W		Evaporating Temperature °C W										CHARGE cm ³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE		
										-5	0	5	10	15												
EM20HHR	2,27	1/12	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	292	2,48	55		161	202	252	312	382	6,8	158	6,5	S/F	520	160	POE 22	C	DWG10	SM07	EM20HHR
EMIS20HHR	2,27	1/12	220V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	308	2,36	55		178	226	281	345	417	6,8	158	9,1	S/F	520	160	POE 22	C	DWG10	SM07	EMIS20HHR
EMIS20HHR	2,27	1/12	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	308	2,49	55		168	215	271	337	414	6,8	158	11,6	S/F	520	160	POE 22	C	DWG10	SM07	EMIS20HHR
EMIS30HHR	3,00	1/10	220V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	434	2,68	55		251	314	387	473	572	6,8	158	9	S/F	520	160	POE 22	C	DWG10	SM07	EMIS30HHR
EMIS30HHR	3,00	1/10	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	434	2,67	55		251	313	385	468	562	6,8	158	16	S/F	520	160	POE 22	C	DWG10	SM07	EMIS30HHR
EM45HHR	3,77	1/8	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	520	2,53	55		310	381	463	559	669	7,2	166	17	S/F	520	160	POE 22	C	DWG10	SM07	EM45HHR
EM55HHR	4,60	1/6	220-240V 50/60Hz 1 ~	RSIR	LST	HBP	630	2,60	55		378	472	581	703	840	7,6	171	9,5	F	520	160	POE 22	C	DWG10	SM07	EM55HHR
EM55HHR	4,60	1/6	115V 60Hz 1 ~	RSIR	LST	HBP	630	2,52	55		366	456	562	684	821	7,6	171	24,5	F	520	160	POE 22	C	DWG10	SM07	EM55HHR
EM65HHR	5,54	1/6+	220V 50/60Hz 1 ~	RSIR/CSIR	LST	M/HBP	766	2,55	55		474	582	707	847	1003	7,2	171	13,9	F	520	160	POE 22	C	DWG10	SM07	EM65HHR
FF7,5HBK	6,92	1/5+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	850	2,29	55		499	618	755	912	1089	10,7	195	16,7	S	-	280	POE 22	C	DWG09	SM08	FF7,5HBK
FF8,5HBK	7,95	1/4	220V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	920	2,24	55		552	688	847	1031	1243	10,9	195	18,5	S/F	520	280	POE 22	C	DWG09	SM08	FF8,5HBK
FFI12HBX	11,14	1/3+	220V 60Hz 1 ~	CSIR	HST	L/M/HBP	1553	2,28	55		903	1119	1364	1641	1950	11,5	201	26,5	F	520	280	POE 22	C/V	DWG09	SM08	FFI12HBX

R134a • LBP - L/MBP • 50Hz - EU portfolio

MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - EN12900 -35°C / 40 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY EN12900						WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m ³ /h	OIL		EXP DEVICE	DRAWINGS		MODEL
							CAPACITY W	EFFICIENCY W/W	CAPACITY W	EFFICIENCY W/W		EVAPORATING TEMPERATURE °C											CHARGE cm ³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE	
												-30	-25	-20	-15	-10	-5											
EMY3109Z	4,0	1/10	220-240V 50Hz 1 ~	RSIR	LST	L/MBP	105	1,37	-	-	55	-	-	-	-	-	7,3	166	4,0	S	-	150	POE 10	C	DWG01	SM00	EMY3109Z	
											45	-	-	-	-	-												
EMY3111Z	4,5	1/8	220-240V 50Hz 1 ~	RSIR	LST	L/MBP	129	1,41	62	1,01	55	81	113	153	202	260	325	7,7	171	5,0	S	-	150	POE 10	C	DWG01	SM00	EMY3111Z
											45	90	123	165	216	275	343											
EMY3115Z	6,1	1/6	220-240V 50Hz 1 ~	RSIR/RSCR	LST	L/MBP	163 / 171	1,39 / 1,51	-	-	55	-	-	-	-	-	7,6	171	-	S	-	150	POE 10	C	DWG01	SM00-SM01	EMY3115Z	
											45	-	-	-	-	-												
NEK1116Z	7,4	1/5	220-240V 50Hz 1 ~	RSIR/RSCR	LST	LBP	194	1,44	93	1,12	55	-	141	262	245	312	390	10,8	200	5,3	S	-	350	POE 22	C	DWG02	SM00-SM01	NEK1116Z
											45	126	172	225	291	367	460											
NEK2116Z	7,4	1/5	220-240V 50Hz 1 ~	CSIR	HST	LBP	187	1,22	93	0,89	55	-	136	184	241	305	378	10,4	187	10,0	S	-	350	POE 22	C/V	DWG03	SM05	NEK2116Z
											45	121	166	221	284	357	436											
NEK1118Z	8,4	1/4	220-240V 50Hz 1 ~	RSIR/RSCR	LST	LBP	224	1,43	111	1,08	55	-	163	217	283	357	446	10,7	200	6,9	S	-	350	POE 22	C	DWG02	SM00-SM01	NEK1118Z
											45	144	195	256	328	417	519											
NE1121Z	9,3	1/4	220-240V 50Hz 1 ~	RSIR	LST	LBP	253	1,28	125	0,89	55	-	186	246	319	403	500	10,9	200	16,5	F	520	350	POE 22	C	DWG03	SM03	NE1121Z
											45	166	220	288	370	464	572											
NE1121Z	9,3	1/4	200-220V 50Hz / 230V 60Hz 1 ~	RSIR	LST	LBP	253	1,28	126	0,93	55	-	217	288	373	472	584	10,9	200	18,0	F	520	350	POE 22	C	DWG03	SM03	NE1121Z
											45	193	258	337	433	544	669											
NE2121Z	9,3	1/4	220-240V 50Hz 1 ~	CSIR	HST	LBP	250	1,23	124	0,86	55	-	183	245	317	403	500	10,9	200	12,6	F	520	350	POE 22	C/V	DWG03	SM05-SM29	NE2121Z
											45	163	217	285	368	465	575											
NE2121Z	9,3	1/4	200-220V 50Hz / 230V 60Hz 1 ~	CSIR	HST	LBP	253	1,28	126	0,90	55	-	186	246	319	403	500	11,6	206	15,0	F	520	350	POE 22	C/V	DWG03	SM05-SM29	NE2121Z
											45	166	220	288	370	464	572											
EMY3125Z*	10,6		220-240V 50Hz 1 ~	RSIR	LST	L/MBP	UD	UD	UD	UD	55	-	-	-	-	-	UD	UD	UD	F	270	150	POE 10	C	DWG01	SM00	EMY3125Z*	
											45	-	-	-	-	-												
NE1130Z	12,1	1/3	220-240V 50Hz 1 ~	RSIR	LST	LBP	323	1,32	161	0,85	55	-	238	313	402	506	624	10,9	200	16,3	F	520	350	POE 22	C	DWG03	SM03	NE1130Z
											45	211	281	366	466	583	715											
NE1130Z	12,1	1/3	200-220V 50Hz / 230V 60Hz 1 ~	RSIR	LST	LBP	323	1,24	161	0,86	55	-	238	313	402	506	624	10,9	200	22,0	F	520	350	POE 22	C	DWG03	SM03	NE1130Z
											45	211	281	366	466	583	715											
NE2130Z	12,1	1/3	220-240V 50Hz 1 ~	CSIR	HST	LBP	343	1,32	171	0,85	55	-	255	332	426	536	660	10,9	200	13,2	F	520	350	POE 22	C/V	DWG03	SM05-SM29	NE2130Z
											45	227	298	386	491	613	753											
NE2130Z	12,1	1/3	100V 50/60Hz 1 ~	CSIR	HST	LBP	323	1,20	161	1,16	55	-	230	305	391	490	601	10,9	200	39,0	F	520	350	POE 22	C/V	DWG03	SM05	NE2130Z
											45	204	268	348	444	555	684											
NEU4130Z	12,1	1/3	220-240V 50Hz 1 ~	CSIR	HST	L/MBP	346	1,31	172	0,96	55	-	-	-	-	-	10,0	187	13,0	F	520	350	POE 22	C/V	DWG03	SM05	NEU4130Z	
											45	-	-	-	-	-												
NE2134Z	14,3	1/3	220-240V 50Hz 1 ~	CSIR	HST	LBP	359	1,23	179	0,90	55	-	267	351	453	571	711	11,6	206	17,0	F	520	350	POE 22	C/V	DWG03	SM05	NE2134Z
											45	234	313	410	526	662	822											
NEK2140Z	16,8	1/2	220-240V 50Hz 1 ~	CSIR	HST	LBP	429	1,31	217	1,02	55	-	319	421	543	686	820	11,6	206	17	F	520	350	POE 22	C/V	DWG03	SM05	NEK2140Z
											45	274	372	493	635	799	991											

* MODEL UNDER DEVELOPMENT

Note: Return gas temperature in EN12900 conditions for EM and NE series is 32°C for NT and NJ series is 20°C

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MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY ASHRAE LBP									WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m ³ /h	OIL		EXP DEVICE	DRAWINGS		MODEL
							CAPACITY W	EFFICIENCY W/W		EVAPORATING TEMPERATURE °C														CHARGE cm ³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE	
										-35	-30	-25	-20	-15	-10	-5	0												
EM20HHR	2,27	1/12	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	50	0,86	55	17	28	42	59	80	105	135	170	6,8	158	6,5	S/F	520	160	POE 22	C	DWG10	SM07	EM20HHR	
EMIE30HER	2,83	1/10	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	73	1,16	55	26	44	65	90	120	155	196	-	7,2	158	7	S/F	520	180	POE 10	C	DWG10	SM07	EMIE30HER	
EMIS30HHR	3,00	1/10	220V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	79	0,93	55	27	46	69	95	126	163	207	260	6,8	158	9	S/F	520	160	POE 22	C	DWG10	SM07	EMIS30HHR	
EMIE40HJP	3,40	1/8	220V 50/60Hz 1 ~	RSIR	LST	LBP	95	1,15	55	40	65	97	132	166	196	-	-	6,6	158	4,2	S	-	180	POE 10	C	DWG10	SM07	EMIE40HJP	
EMI45HER	3,77	1/8	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	100	1,21	55	43	66	92	123	161	208	-	-	7,7	167	10	S	-	160	POE 22	C	DWG10	SM07	EMI45HER	
EM45HHR	3,77	1/8	220-240V 50Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	102	1,03	55	43	62	86	117	155	201	256	321	7,7	171	9	S/F	520	160	POE 22	C	DWG10	SM07	EM45HHR	
EM50HNP	4,99	1/8	220-240V 50Hz 1 ~	RSIR/RSCR	LST	LBP	126	1,22	55	45	75	109	149	197	256	-	-	7,7	167	10	S	-	160	POE 22	C	DWG10	SM07	EM50HNP	
EMIE65HER	5,19	1/6	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	149	1,22	55	71	100	136	179	231	290	-	-	8,3	166	12,5	S/F	520	180	POE 10	C	DWG10	SM07	EMIE65HER	
EGAS70HLR	5,56	1/5+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	164	1,47	55	68	102	147	202	265	337	-	-	10,4	195	14,4	S	-	230	POE 10	C	DWG09	SM09	EGAS70HLR	
EMI70HER	5,89	1/5	220V 50Hz 1 ~	RSIR/CSIR	LST	LBP	166	1,18	55	71	100	136	179	231	290	-	-	8,3	166	12,5	S	-	180	POE 22	C	DWG10	SM07	EMI70HER	
EMU65HLP	5,96	1/4	200-230V 50Hz 1 ~	RSIR	LST	LBP	185	1,45	55	92	127	169	219	278	345	-	-	7,9	166	7,5	S	-	180	POE 22	C	DWG10	SM07	EMU65HLP	
EMYE70HEP	5,96	1/5	220-240V 50/60Hz 1 ~	RSIR	LST	LBP	168	1,43	55	92	127	169	219	278	345	-	-	7,9	166	7,5	S	-	180	POE 10	C	DWG10	SM07	EMYE70HEP	
EGAS80HLR	6,36	1/4+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	195	1,52	55	80	125	173	228	293	372	-	-	10	195	14,5	S/F	520	230	POE 10	C	DWG09	SM09	EGAS80HLR	
FFU70HAK	6,36	1/4	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	185	1,43	55	80	119	166	224	293	375	471	-	10,7	201	12,8	S/F	520	280	POE 10	C	DWG09	SM08	FFU70HAK	
FFUS70HAK	6,36	1/4	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	191	1,42	55	77	124	170	222	285	363	462	587	10,2	201	14,5	S/F	520	230	POE 10	C	DWG09	SM08	FFUS70HAK	
FFUS80HAK	6,76	1/4+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	201	1,37	55	95	133	183	244	319	407	509	626	10	201	14,5	S/F	520	230	POE 10	C	DWG09	SM08	FFUS80HAK	
FF7,5HBK	6,92	1/5+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	154	1,00	55	71	106	149	202	263	341	431	537	10,7	195	16,7	S	-	280	POE 22	C	DWG09	SM08	FF7,5HBK	
EGAS90HLR	7,15	1/3-	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	219	1,50	55	97	144	198	261	336	426	-	-	10,5	195	14,3	S	-	230	POE 10	C	DWG09	SM09	EGAS90HLR	
EGAS100HLP	7,95	1/3	220-240V 50Hz 1 ~	RSIR/RSCR	LST	LBP	241	1,58	55	108	157	222	304	402	514	-	-	11	201	8,5	S	-	230	POE 10	C	DWG09	SM09	EGAS100HLP	
EGAS100HLR	7,95	1/3	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	251	1,52	55	108	164	226	299	384	485	-	-	11	201	16,9	F	520	230	POE 10	C	DWG09	SM09	EGAS100HLR	
FFUS100HAK	7,95	1/3	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	248	1,43	55	123	167	226	302	393	500	623	763	10,6	201	17,6	S/F	520	350	POE 10	C	DWG09	SM08	FFUS100HAK	
FF8,5HBK	7,95	1/4	220-240V 50Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	194	1,11	55	82	119	168	230	306	398	506	632	10,8	195	18,2	S/F	520	280	POE 22	C	DWG09	SM08	FF8,5HBK	
FF10HAK	9,04	1/3	220-230V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	249	1,30	55	106	154	220	302	400	512	636	-	10,9	201	18	S/F	520	280	POE 22	C	DWG09	SM08	FF10HAK	
EGU130HLR	10,61	1/3+	220-240V 50Hz 1 ~	RSIR/CSIR	LST	LBP	313	1,50	55	141	211	288	378	489	626	-	-	10,8	201	17,5	F	520	230	POE 10	C	DWG09	SM09	EGU130HLR	
FFU130HAX	10,61	1/3+	220-240V 50Hz 1 ~	CSIR	LST/HST	L/MBP	309	1,38	55	132	203	280	370	477	607	764	-	11,3	201	17,5	F	520	280	POE 10	C/V	DWG09	SM08	FFU130HAX	
FF12HBK	11,14	1/3+	220-240V 50Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	319	1,25	55	152	210	287	382	498	633	790	968	11,5	201	20	F	520	280	POE 22	C	DWG09	SM08	FF12HBK	
FFU160HAX	12,92	1/2	220-240V 50Hz 1 ~	CSIR	LST/HST	L/MBP	374	1,42	55	188	268	356	460	584	736	918	1139	10,8	201	17,7	F	520	280	POE 22	C/V	DWG09	SM08	FFU160HAX	

R134a • L/M/HBP - M/HBP - HBP • 50Hz - BR portfolio

MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE 7,2 °C / 54,4 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY ASHRAE HBP32					WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m ³ /h	OIL		EXP DEVICE	DRAWINGS		MODEL
							CAPACITY W	EFFICIENCY W/W		Evaporating Temperature °C W										CHARGE cm ³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE	
										-5	0	5	10	15											
EM20HHR	2,27	1/12	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	246	2,51	55	135	170	212	260	315	6,8	158	6,5	S/F	520	160	POE 22	C	DWG10	SM07	EM20HHR
EMIS30HHR	3,00	1/10	220V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	363	2,60	55	217	271	332	401	478	6,8	158	9	S/F	520	160	POE 22	C	DWG10	SM07	EMIS30HHR
EM45HHR	3,77	1/8	220-240V 50Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	440	2,63	55	256	321	397	486	587	7,7	171	9	S/F	520	160	POE 22	C	DWG10	SM07	EM45HHR
EM55HHR	4,60	1/6	220-240V 50/60Hz 1 ~	RSIR	LST	HBP	533	2,69	55	327	401	487	585	696	7,6	171	10	F	520	160	POE 22	C	DWG10	SM07	EM55HHR
EM65HHR	5,54	1/6+	220V 50/60Hz 1 ~	RSIR/CSIR	LST	M/HBP	645	2,45	55	389	486	594	713	844	7,2	171	14,3	F	520	160	POE 22	C	DWG10	SM07	EM65HHR
FF7,5HBK	6,92	1/5+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	810	2,76	55	431	537	659	801	962	10,7	195	16,7	S	-	280	POE 22	C	DWG09	SM08	FF7,5HBK
FF8,5HBK	7,95	1/4	220-240V 50Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	844	2,49	55	506	632	776	940	1124	10,8	195	18,2	S/F	520	280	POE 22	C	DWG09	SM08	FF8,5HBK
FF12HBK	11,14	1/3+	220-240V 50Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	1316	2,61	55	790	968	1167	1390	1635	11,5	201	20	F	520	280	POE 22	C	DWG09	SM08	FF12HBK

R134a • LBP • 60Hz - EU portfolio

MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE -23.3 °C / 54.4 °C		RATED POINT - AR1540 -23.3 °C / 48.9 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY AR1540						WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m ³ /h	OIL		EXP DEVICE	DRAWINGS		MODEL
							CAPACITY W	EFFICIENCY W/W	CAPACITY W	EFFICIENCY W/W		EVAPORATING TEMPERATURE °C W											CHARGE cm ³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE	
												-30	-25	-20	-15	-10	-5											
NEK2116Z	7.4	1/5	115V 60Hz 1 ~	CSIR	HST	LBP	216	1.17	171	0.92	55	86	127	180	247	328	424	10	188	22	S	-	350	POE 22	C/V	DWG04	SM04	NEK2116Z
NEK2121Z	9.3	1/4	115V 60Hz 1 ~	CSIR	HST	LBP	278	1.09	204	0.81	55	109	147	195	252	319	395	11	200	29	F	520	350	POE 22	C/V	DWG04	SM04	NEK2121Z
											45	132	176	230	295	371	457											
NE2130Z	12.1	1/3	100V 50/60Hz 1 ~	CSIR	HST	LBP	367	1.19	269	1.16	55	166	227	300	383	479	586	11	200	39	F	520	350	POE 22	C/V	DWG04	SM04	NE2130Z
											45	205	268	348	443	553	679											
NE2130Z	12.1	1/3	115V 60Hz 1 ~	CSIR	HST	LBP	367	1.19	269	0.88	55	166	227	300	383	479	586	11	200	38	F	520	350	POE 22	C/V	DWG04	SM04	NE2130Z
											45	205	268	348	443	553	679											
NE2134Z	14.3	1/3	115V 60Hz 1 ~	CSIR	HST	LBP	425	1.23	312	0.91	55	191	257	334	424	533	660	11	200	33	F	520	350	POE 22	C/V	DWG04	SM04	NE2134Z
											45	228	303	392	495	618	764											
NEK2140Z	16.8	1/2	115V 60Hz 1 ~	CSIR	HST	LBP	500	1.19	390	0.94	55	236	314	417	546	698	876	11	206	40	F	520	350	POE 22	C/V	DWG04	SM04	NEK2140Z
											45	279	378	503	653	828	1030											
NEU2140Z	16.8	1/2	115-127V 60Hz 1 ~	CSIR	HST	LBP	512	1.28	405	0.98	55	-	-	-	-	-	-	11.1	206	40	F	520	350	POE 22	C/V	DWG04	SM04	NEU2140Z
											45	-	-	-	-	-	-											
NEU2140Z	16.8	1/2	115-127V 60Hz 1 ~	CSR	HST	LBP	516	1.37	407	1.04	55	-	-	-	-	-	-	11.1	206	40	F	520	350	POE 22	C/V	DWG04	SM06	NEU2140Z
											45	-	-	-	-	-	-											
NT2152ZV	26.2	1/2	115V 60Hz 1 ~	CSR	HST	LBP	681	1.31	610	1.07	55	200	425	646	871	1104	1351	18.2	250	70	F	520	450	POE 22	C/V	DWG17	SM26	NT2152ZV
											45	380	593	814	1048	1303	1582											

Note: Return gas temperature in EN12900 conditions for EM and NE series is 32°C for NT and NJ series is 20°C

R134a • LBP - L/MBP - L/M/HBP • 60Hz - BR portfolio

MODEL	DIS CM3	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY ASHRAE LBP								WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m³/h	OIL		EXP DEVICE	DRAWINGS		MODEL
							CAPACITY W	EFFICIENCY W/W		EVAPORATING TEMPERATURE °C													CHARGE cm³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE	
										-35	-30	-25	-20	-15	-10	-5	0											
EM20HHR	2,27	1/12	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	59	0,89	55	16	34	53	74	98	127	161	202	6,8	158	6	S/F	520	160	POE 22	C	DGW10	SM07	EM20HHR
EMIS20HHR	2,27	1/12	220V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	59	0,81	55	19	33	52	75	103	137	178	226	6,8	158	9,1	S/F	520	160	POE 22	C	DGW10	SM07	EMIS20HHR
EMIS20HHR	2,27	1/12	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	59	0,88	55	16	30	48	70	97	129	168	215	6,8	158	11,6	S/F	520	160	POE 22	C	DGW10	SM07	EMIS20HHR
EMIE30HER	2,83	1/10	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	88	1,26	55	44	150	65	90	120	155	196	-	7,2	158	7	S	-	180	POE 10	C	DGW10	SM07	EMIE30HER
EMIS30HHR	3,00	1/10	220V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	100	1,14	55	35	59	85	117	154	199	251	314	6,8	158	8,8	S/F	520	160	POE 22	C	DGW10	SM07	EMIS30HHR
EMIS30HHR	3,00	1/10	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	100	1,10	55	35	57	84	115	153	198	251	313	6,8	158	16	S/F	520	160	POE 22	C	DGW10	SM07	EMIS30HHR
EMIE40HJP	3,40	1/8	220V 50/60Hz 1 ~	RSIR	LST	LBP	115	1,28	55	54	79	109	145	187	237	-	-	6,6	158	3,7	S	-	180	POE 10	C	DGW10	SM07	EMIE40HJP
EMI45HER	3,77	1/8	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	123	1,32	55	47	75	110	151	197	249	-	-	7,7	167	9,3	S	-	160	POE 22	C	DGW10	SM07	EMI45HER
EM45HHR	3,77	1/8	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	123	1,15	55	48	80	114	153	197	249	310	381	7,2	166	17	S/F	520	160	POE 22	C	DGW10	SM07	EM45HHR
EMIE65HER	5,19	1/6	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	185	1,33	55	124	124	168	220	282	356	-	-	8,3	166	11,5	S/F	520	180	POE 10	C	DGW10	SM07	EMIE65HER
EGAS70HLR	5,56	1/5+	220-240V 50/60Hz 1 ~	RSIR	LST	LBP	203	1,57	55	83	125	178	244	324	420	-	-	10	195	13,4	S	-	230	POE 10	C	DWG09	SM09	EGAS70HLR
EMI70HER	5,89	1/5	220V 60Hz 1 ~	RSIR/CSIR	LST	LBP	207	1,34	55	100	143	190	244	310	391	-	-	7,7	166	12,5	S	-	160	POE 22	C	DGW10	SM07	EMI70HER
EMYE70HEP	5,96	1/5	220-240V 50/60Hz 1 ~	RSIR	LST	LBP	201	1,53	55	100	141	184	234	295	373	-	-	7,8	166	6,5	S	-	180	POE 10	C	DGW10	SM07	EMYE70HEP
EGAS80HLR	6,36	1/4+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	240	1,61	55	90	143	207	283	373	476	-	-	10	195	13,5	S/F	520	230	POE 10	C	DWG09	SM09	EGAS80HLR
FFUS70HAK	6,36	1/4	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	222	1,51	55	91	140	198	267	350	449	566	705	10,2	201	12,1	S/F	520	230	POE 10	C	DWG09	SM08	FFUS70HAK
FFUS70HAK	6,36	1/4	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/MBP	229	1,52	55	99	146	205	277	363	466	585	721	10,9	201	24,7	S/F	520	280	POE 10	C	DWG09	SM08	FFUS70HAK
FFUS80HAK	6,76	1/4+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	236	1,47	55	108	155	213	284	369	470	589	727	10	201	12,1	S/F	520	230	POE 10	C	DWG09	SM08	FFUS80HAK
FFUS80HAK	6,76	1/4+	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/MBP	236	1,44	55	111	157	214	285	371	474	596	740	10	201	32	S/F	520	230	POE 10	C	DWG09	SM08	FFUS80HAK
FF7,5HBK	6,92	1/5+	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	206	1,15	55	80	122	174	236	310	397	499	618	10,7	195	15,8	S	-	280	POE 22	C	DWG09	SM08	FF7,5HBK
EGAS90HLR	7,15	1/3-	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	271	1,59	55	-	-	-	-	-	-	-	-	10,5	195	13,5	S	-	230	POE 10	C	DWG09	SM09	EGAS90HLR
EGAS100HLR	7,95	1/3	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	LBP	308	1,60	55	132	201	278	367	471	595	-	-	11	201	16	S	-	230	POE 10	C	DWG09	SM09	EGAS100HLR
FFUS100HAK	7,95	1/3	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	295	1,52	55	142	195	268	361	470	596	737	892	10,6	201	16,6	S/F	520	350	POE 10	C	DWG09	SM08	FFUS100HAK
FFUS100HAK	7,95	1/3	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/MBP	297	1,47	55	139	195	268	357	465	592	740	908	10,5	201	30	S/F	520	350	POE 10	C	DWG09	SM08	FFUS100HAK
FF8,5HBK	7,95	1/4	220V 60Hz 1 ~	RSIR/CSIR	LST	L/M/HBP	217	1,11	55	103	145	197	261	341	437	552	687	10,9	195	18,5	S/F	520	280	POE 22	C	DWG09	SM08	FF8,5HBK
FFI10HAK	9,04	1/3	220-230V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	302	1,42	55	115	188	270	364	473	601	751	-	10,9	201	17,5	S/F	520	280	POE 22	C	DWG09	SM08	FFI10HAK
FFI10HAK	9,04	1/3	115-127V 60Hz 1 ~	RSIR/CSIR	LST	L/MBP	302	1,42	55	115	189	271	364	473	601	751	-	10,9	201	32,5	S/F	520	280	POE 22	C	DWG09	SM08	FFI10HAK
FFU130HAX	10,61	1/3+	115-127V 60Hz 1 ~	CSIR	LST/HST	L/MBP	366	1,41	55	153	230	328	450	596	767	965	-	10,8	201	40,3	F	520	280	POE 10	C/V	DWG09	SM08	FFU130HAX
FFI12HBX	11,14	1/3+	220V 60Hz 1 ~	CSIR	HST	L/M/HBP	349	1,18	55	156	223	311	421	556	716	903	1119	11,5	201	26,5	F	520	280	POE 22	C/V	DWG09	SM08	FFI12HBX
FFU160HAX	12,92	1/2	220V 60Hz 1 ~	CSIR	LST/HST	L/MBP	449	1,45	55	219	319	434	569	726	910	1124	1374	10,9	201	19	F	520	280	POE 22	C/V	DWG09	SM08	FFU160HAX

R290 • LBP - L/MBP • 50Hz - BR portfolio

MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	COOLING CAPACITY ASHRAE LBP										WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m ³ /h	OIL		EXP DEVICE	DRAWINGS		MODEL	
							RATED POINT - ASHRAE -23,3 °C / 54,4 °C		CONDENSING TEMPERATURE °C	EVAPORATING TEMPERATURE °C						CHARGE cm ³						TYPE	EXTERNAL VIEW REFERENCE		WIRING DIAGRAM REFERENCE			
							CAPACITY W	EFFICIENCY W/W		-35	-30	-25	-20	-15	-10											-5		
EM150UER	3,00	1/6	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	128	1,28	55		67	92	119	147	178	212	248	8,1	171	9,2	S/F	520	160	AB 32	C	DWG10	SM07	EM150UER
EM170UER	4,08	1/5	220-240V 50/60Hz 1 ~	RSIR/CSIR	LST	L/MBP	176	1,17	55		98	128	163	203	250	305	368	8,1	171	9,7	S/F	520	160	AB 32	C	DWG10	SM07	EM170UER
EM190UEX	4,99	1/4+	220-240V 50Hz 1 ~	CSIR	HST	L/MBP	229	1,28	55		116	185	214	230	262	334	474	8,1	171	11,8	F	520	160	AB 32	C/V	DWG10	SM07	EM190UEX
FFU130UAX	6,76	1/3+	220-240V 50/60Hz 1 ~	CSIR	HST	L/MBP	319	1,49	55		182	225	287	367	465	578	708	10	201	39	F	520	280	AB 32	C/V	DWG09	SM08	FFU130UAX
FFU160UAX	7,95	1/2	220-240V 50Hz 1 ~	CSIR	HST	L/MBP	399	1,45	55		227	298	376	465	568	688	831	10	201	21	F	520	280	AB 32	C/V	DWG09	SM08	FFU160UAX

R290 • L/MBP • 60Hz - BR portfolio

MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY ASHRAE LBP							WEIGHT kg	MAX HEIGHT A mm	LRA A	COOLING TYPE	FAN AIR FLOW m ³ /h	OIL		EXP DEVICE	DRAWINGS		MODEL
							CAPACITY W	EFFICIENCY W/W		EVAPORATING TEMPERATURE °C W												CHARGE cm ³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE	
										-35	-30	-25	-20	-15	-10	-5											
EMI50UER	3,00	1/6	115-127V 60Hz 1 ~	RSIR/CSIR	LST/HST	L/MBP	152	1,32	55	76	103	139	182	232	290	355	8,1	171	12,7	F	520	160	AB 32	C	DWG10	SM07	EMI50UER
EMI50UER	3,00	1/6	220-240V 50/60 Hz 1 ~	RSIR/CSIR	LST	L/MBP	152	1,33	55	76	103	139	182	232	290	355	8,1	171	9,2	F	520	160	AB 32	C	DWG10	SM07	EMI50UER
EMI70UER	4,08	1/5	115-127V 60Hz 1 ~	CSIR	LST	L/MBP	205	1,27	55	106	143	191	249	318	397	49	8,1	171	19,6	S/F	520	160	AB 32	C	DWG10	SM07	EMI70UER
EMI70UER	4,08	1/5	220-240V 50/60 Hz 1 ~	RSIR/CSIR	LST	L/MBP	210	1,30	55	106	143	191	249	318	397	49	8,1	171	9,4	S/F	520	160	AB 32	C	DWG10	SM07	EMI70UER
EMI90UEX	4,99	1/4+	115-127V 60Hz 1 ~	CSIR	HST	L/MBP	277	1,37	55	160	207	264	330	408	499	603	8,1	171	31	F	520	160	AB 32	C/V	DWG10	SM07	EMI90UEX
EMI90UEX	4,99	1/4+	220V 60Hz 1 ~	CSIR	HST	L/MBP	277	1,33	55	144	210	277	344	409	472	531	8,1	171	12	F	520	160	AB 32	C/V	DWG10	SM07	EMI90UEX
EM2X3121U	5,54	1/3	115-127V 60Hz 1 ~	RSCR	LST	L/MBP	333	1,74	55	168	225	292	367	451	546	650	8,2	171	10	S/F	520	130	POE 22	C	DWG10	SM07	EM2X3121U
EM2X3125U	6,09	1/3+	115-127V 60Hz 1 ~	RSCR	LST	L/MBP	361	1,70	55	198	258	330	413	510	621	748	8,2	171	12,6	S/F	520	130	POE 22	C	DWG10	SM07	EM2X3125U
FFU130UAX	6,76	1/3+	115-127V 60Hz 1 ~	CSIR	HST	L/MBP	399	1,51	55	236	288	361	454	568	704	-	10	201	39	F	520	280	AB 32	C/V	DWG09	SM08	FFU130UAX
FFU130UAX	6,76	1/3+	220-240V 50/60 Hz 1 ~	CSIR	HST	L/MBP	399	1,55	55	230	295	368	452	553	675	825	10	201	19	F	520	280	AB 32	C/V	DWG09	SM08	FFU130UAX
FFU160UAX	7,95	1/2	115-127V 60Hz 1 ~	CSIR	HST	L/MBP	489	1,54	55	236	288	361	454	568	704	-	10	201	41,5	F	520	280	AB 32	C/V	DWG09	SM08	FFU160UAX
FFU160UAX	7,95	1/2	220V 60Hz 1 ~	CSIR	HST	L/MBP	489	1,54	55	230	295	368	452	553	675	825	10	201	25,6	F	520	280	AB 32	C/V	DWG09	SM08	FFU160UAX

