

R290 • 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		
												-40	-35	-30	-25	-20	-15												-10
EMT2117U	4,5	1/5	220-240V 50Hz 1 -	CSIR	HST	LBP	184	1,37	123	1,13	55	-	-	120	155	195	242	296	7,8	166	7,7	S	-	180	POE 22	C	DWG01	SM05	EMT2117U
EMC3117U	4,0	1/5	220-240V 50Hz 1 -	RSCR	LST	L/MBP	197	1,83	-	-	55	-	-	-	-	-	-	-	8,2	171	4,8	F	270	150	POE 10	C	DWG01	SM01-02	EMC3117U
EMC3119U	4,5	1/4	220-240V 50Hz 1 -	RSCR	LST	L/MBP	236	1,86	112	1,62	55	-	95	121	157	201	255	318	8,2	171	6,8	F	270	150	POE 10	C	DWG01	SM01-02	EMC3119U
EMT2121U	5,6	1/4	220-240V 50Hz 1 -	CSIR	HST	LBP	265	1,46	159	1,23	55	-	-	156	200	252	311	379	7,8	166	7,7	S	-	180	POE 22	C	DWG01	SM05	EMT2121U
EMC3121U	5,5	1/4	220-240V 50Hz 1 -	RSCR	LST	L/MBP	271	1,88	160	1,59	55	-	-	-	-	-	-	-	8,2	171	6,6	F	270	150	POE 10	C	DWG01	SM01-02	EMC3121U
EMT2125U	6,0	1/3	220-240V 50Hz 1 -	CSIR	HST	LBP	301	1,47	177	1,2	55	-	-	176	225	282	348	422	7,8	166	9,8	F	520	180	POE 22	C/V	DWG01	SM05	EMT2125U
EMC3125U	6,1	1/3	220-240V 50Hz 1 -	RSCR	LST	L/MBP	305	1,88	181	1,6	55	-	-	-	-	-	-	-	8,2	171	6,6	F	270	150	POE 10	C	DWG01	SM01-02	EMC3125U
EMT2130U	6,8	1/3	220-240V 50Hz 1 -	CSIR	HST	LBP	340	1,42	196	1,12	55	-	-	196	251	315	389	472	8	166	12,4	F	520	180	POE 22	C/V	DWG01	SM05	EMT2130U
EMC3130U	6,9	1/3	220-240V 50Hz 1 -	RSCR	LST	L/MBP	349	1,84	229	1,57	55	-	-	-	-	-	-	-	8,2	171	6,6	F	270	150	POE 10	C	DWG01	SM01-02	EMC3130U
EMC3134U	8,0	1/2	220-240V 50Hz 1 -	RSCR	LST	L/MBP	417	1,85	301	1,52	55	-	179	229	290	362	446	541	8,2	171	10,3	F	270	150	POE 10	C	DWG01	SM01-02	EMC3134U
EMX3134U	8,0	1/2	220-240V 50Hz 1 -	RSCR	LST	L/MBP	406	1,65	-	-	55	-	-	-	-	-	-	-	7,6	-	10,5	F	150	150	POE 22	C			EMX3134U
EMC3140U	9,0	1/2	220-240V 50Hz 1 -	RSCR	LST	L/MBP	459	1,77	260	1,42	55	-	-	265	337	421	519	629	8,2	171	10,3	F	270	150	POE 10	C	DWG01	SM01-02	EMC3140U
EMX3140U	9,5	1/2	220-240V 50Hz 1 -	RSIR	LST	L/MBP	482	1,39	-	-	55	-	-	-	-	-	-	-	7,9	-	12,5	F	150	150	POE 22	C			EMX3140U
NEK2134U	10,0	1/2	220-240V 50Hz 1 -	CSIR	HST	LBP	449	1,36	271	1,21	55	-	-	269	338	423	523	639	11	200	14	F	520	350	POE 22	C/V	DWG03	SM05	NEK2134U
NEU1140U	10,0	1/2	220-240V 50Hz 1 -	RSCR	LST	LBP	490	1,61	270	1,38	55	-	-	-	-	-	-	-	10,7	200	16	F	520	350	POE 22	C/V	DWG03	SM01	NEU1140U
NEU2140U	10,0	1/2	220-240V 50Hz 1 -	CSIR	HST	LBP	485	1,49	265	1,26	55	-	-	-	-	-	-	-	10,5	200	14	F	520	350	POE 22	C/V	DWG03	SM05	NEU2140U
NEK1150U	13,5	1/2	220-240V 50Hz 1 -	RSIR	LST	LBP	571	1,22	333	0,99	55	-	-	337	429	538	661	801	11,6	206	24,3	F	520	350	POE 22	C	DWG03	SM03	NEK1150U
NEK2150U	13,5	1/2	220-240V 50Hz 1 -	CSIR	HST	LBP	581	1,29	334	1,06	55	-	-	339	435	550	683	835	11,6	206	19,5	F	520	350	POE 22	C/V	DWG03	SM05	NEK2150U
EHU2155U*	12,2	3/4	220-240V 50Hz 1 -	CSIR	HST	LBP	593	1,50	-	-	-	-	-	-	-	-	-	-	10,2	191	ud	F	520	270	POE22	C/V	UD	SM07	EHU2155U*
EHX2155U*	12,2	3/4	220-240V 50Hz 1 -	CSIR	HST	LBP	593	1,62	-	-	-	-	-	-	-	-	-	-	10,2	191	ud	F	520	270	POE22	C/V	UD	SM07	EHX2155U*
NEU2155U	13,5	3/4	220-240V 50Hz 1 -	CSIR	HST	LBP	626	1,42	364	1,21	55	-	-	384	487	605	737	883	11,1	200	17,5	F	520	350	POE 22	C/V	DWG03	SM05	NEU2155U
NEU2155U	13,5	3/4	220-240V 50Hz 1 -	CSR	HST	LBP	639	1,56	384	1,35	55	-	-	385	492	617	760	921	11,1	200	17,5	F	520	350	POE 22	C/V	DWG03	SM06	NEU2155U
NEK2160U	16,8	3/4	220-240V 50Hz 1 -	CSR	HST	LBP	729	1,44	427	1,2	55	-	-	428	547	688	848	1030	11,9	206	18	F	520	350	POE 22	C/V	DWG03	SM06	NEK2160U
NEU2168U	16,8	3/4	220-240V 50Hz 1 -	CSR	HST	LBP	788	1,53	457	1,27	55	-	-	455	584	738	917	1121	11,6	206	21	F	520	350	POE 22	C/V	DWG03	SM06	NEU2168U
NEU2178U	18,7	1	220-240V 50Hz 1 -	CSR	HST	LBP	905	1,52	509	1,25	55	-	-	505	639	796	976	1179	11,6	206	21	F	520	350	POE 22	C/V	DWG04	SM10	NEU2178U
NT2170U	20,4	3/4	220-240V 50Hz 1 -	CSIR	HST	LBP	816	1,31	478	1,09	55	-	-	470	608	770	955	1162	17,2	220	6	F	520	450	POE 22	C/V	DWG16	SM19	NT2170U
NT2170U	20,4	3/4	220-240V 50Hz 1 -	CSR	HST	LBP	831	1,44	480	1,16	55	-	-	476	620	788	981	1196	17,2	220	25	F	520	450	POE 22	C/V	DWG16	SM23	NT2170U
NT2180U	22,4	1	220-240V 50Hz 1 -	CSIR	HST	LBP	931	1,34	550	1,12	55	-	-	536	693	874	1077	1302	18,2	234	35	F	520	450	POE 22	C/V	DWG16	SM19	NT2180U
NT2180U	22,4	1	220-240V 50Hz 1 -	CSR	HST	LBP	935	1,46	563	1,23	55	-	-	536	697	886	1101	1344	18,2	234	35	F	520	450	POE 22	C/V	DWG16	SM23	NT2180U
NT2210U	27,8	1 1/4	220-240V 50Hz 1 -	CSR	HST	LBP	1186	1,41	689	1,17	55	-	-	677	875	1108	1374	1675	18,5	234	33	F	520	450	POE 22	C/V	DWG17	SM26	NT2210U
NJX2215US*	38,0	2	400V 50Hz / 440V 60Hz 3 -	3PHASE	HST	LBP	1723	1,53	954	1,21	55	-	-	974	1252	1573	1939	2349	21,8	277	23	F	800	750	POE 22	C/V	DWG14	SM18	NJX2215US*

* 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 W												CHARGE cm ³	TYPE		EXTERNAL VIEW REFERENCE	WIRING DIAGRAM REFERENCE		
										-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

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MODEL	DISPL. cm ³	HP	VOLTAGE/FREQUENCY	MOTOR TYPE	TORQUE	APPLICATION	RATED POINT - ASHRAE -23,3 °C / 54,4 °C		RATED POINT - ARI 540 -23,3 °C / 48,9 °C		CONDENSING TEMPERATURE °C	COOLING CAPACITY ARI 540							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	
												-40	-35	-30	-25	-20	-15	-10											
EMC3121U	5,2	1/4	115-127V 60Hz 1~	RSCR	LST	L/MBP	294	1,77	-	-	55	-	-	-	-	-	-	6,8	14,9	S/F	150	POE 10	C			EMC3121U			
											45	-	-	-	-	-	-												
EMC3125U	5,9	1/4	115-127V 60Hz 1~	RSCR	LST	L/MBP	345	1,75	-	-	55	-	-	-	-	-	-	6,8	18,4	S/F	150	POE 10	C			EMC3125U			
											45	-	-	-	-	-	-												
EMC3130U	6,9	1/3	115-127V 60Hz 1~	RSCR	LST	L/MBP	418	1,7	-	-	55	-	-	-	-	-	-	6,8	20,9	F	150	POE 10	C			EMC3130U			
											45	-	-	-	-	-	-												
EMC3140U	6,9	1/3	115-127V 60Hz 1~	RSCR	LST	L/MBP	583	1,72	480	1,46	55	-	-	-	-	-	-	7,8	26,5	F	150	POE 10	C			EMC3140U			
											45	-	-	-	-	-	-												
NEK2134U	10,0	1/2	115V 60Hz 1~	CSIR	HST	LBP	539	1,39	415	1,1	55	-	-	268	344	433	535	650	10,7	200	28	F	520	350	POE 22	C/V	DWG04	SM04	NEK2134U
											45	194	251	325	415	521	643	780											
NEU2140U	10,0	1/2	115-127V 60Hz 1~	CSIR	HST	LBP	576	1,47	449	1,14	55	-	-	284	365	464	580	715	10	187	30	F	520	350	POE 22	C/V	DWG04	SM04	NEU2140U
											45	204	265	344	441	558	692	845											
NEK2150U	13,5	1/2	115V 60Hz 1~	CSIR	HST	LBP	687	1,25	550	1,02	55	-	-	352	451	566	699	848	11,3	206	41,5	F	520	350	POE 22	C/V	DWG04	SM04	NEK2150U
											45	248	321	418	537	678	842	1029											
NEK2150U	13,5	1/2	115V 60Hz 1~	CSR	HST	LBP	708	1,38	554	1,11	55	-	-	353	455	575	716	875	11,3	206	41,5	F	520	350	POE 22	C/V	DWG04	SM06	NEK2150U
											45	255	332	430	551	693	858	1045											
EHX2155U*	12,2	3/4	115-127V 60Hz 1~	CSIR	HST	LBP	719	1,62	-	-	55	-	-	-	-	-	-	10,2	191	UD	F	520	270	POE22	C/V	UD	SM07	EHX2155U*	
											45	-	-	-	-	-	-												
NEU2155U	13,5	3/4	115-127V 60Hz 1~	CSIR	HST	LBP	758	1,44	600	1,14	55	-	-	374	485	618	773	951	11	200	40	F	520	350	POE22	C/V	DWG04	SM04	NEU2155U
											45	261	347	455	585	738	913	1111											
NEU2155U	13,5	3/4	115-127V 60Hz 1~	CSR	HST	LBP	766	1,56	608	1,22	55	-	-	383	497	633	791	970	11	200	40	F	520	350	POE 22	C/V	DWG04	SM06	NEU2155U
											45	260	344	455	591	753	941	1153											
NEU2168U	16,8	3/4	115-127V 60Hz 1~	CSR	HST	LBP	950	1,51	748	1,19	55	-	-	483	623	787	977	1191	11,6	206	49	F	520	350	POE22	C/V	DWG04	SM06	NEU2168U
											45	324	426	562	733	938	1178	1453											
NEU2168U	16,8	3/4	208-230V 60Hz 1~	CSIR	HST	LBP	911	1,36	736	1,1	55	-	-	472	608	769	955	1166	11,6	206	30	F	520	350	POE 22	C/V	DWG04	SM04	NEU2168U
											45	330	439	575	737	925	1139	1380											
NEU2168U	16,8	3/4	208-230V 60Hz 1~	CSR	HST	LBP	933	1,52	748	1,21	55	-	-	483	623	788	977	1191	11,6	206	30	F	520	350	POE 22	C/V	DWG04	SM06	NEU2168U
											45	346	447	578	739	931	1153	1406											
NT2160U(V)	17,4	3/4	208-230V 60Hz 1~	CSIR	HST	LBP	828	1,34	604	1,00	55	-	-	401	515	650	806	982	16,8	220	28	F	520	450	POE 22	C/V	DWG16	SM20	NT2160U(V)
											45	298	382	492	626	786	971	1179											
NT2160UV	17,4	3/4	115V 60Hz 1~	CSR	HST	LBP	827	1,42	638	1,1	55	-	-	400	521	667	837	1031	16,5	220	54,4	F	520	450	POE 22	C/V	DWG17	SM21	NT2160UV
											45	300	379	490	633	807	1013	1250											
NEU2178U	18,7	1	208-230V 60Hz 1~	CSR	HST	LBP	1052	1,5	846	1,21	55	-	-	533	689	873	1083	1321	11,6	206	29	F	520	350	POE 22	C/V	DWG04	SM10	NEU2178U
											45	372	491	640	820	1029	1269	1538											
NEU2178U	18,7	1	115-127V 60Hz 1~	CSR	HST	LBP	1054	1,47	841	1,21	55	-	-	551	703	880	1082	1308	11,6	206	51	F	520	350	POE 22	C/V	DWG04	SM10	NEU2178U
											45	392	512	661	838	1043	1275	1535											
NT2170U(V)	20,4	3/4	208-230V 60Hz 1~	CSIR	HST	LBP	921	1,3	672	0,98	55	-	-	446	573	726	903	1104	17	220	30	F	520	450	POE 22	C/V	DWG16	SM20	NT2170U(V)
											45	325	419	544	698	883	1097	1340											
NT2170UV	20,4	3/4	115V 60Hz 1~	CSR	HST	LBP	970	1,38	772	1,12	55	-	-	495	641	818	1026	1265	16,5	220	55	F	520	450	POE 22	C/V	DWG17	SM21	NT2170UV
											45	372	474	613	787	997	1243	1525											
NT2180UV	22,4	1	208-230V 60Hz 1~	CSR	HST	LBP	1021	1,41	840	1,15	55	-	-	535	695	886	1107	1360	16,7	220	30	F	520	450	POE22	C/V	DWG17	SM26	NT2180UV
											45	396	506	656	845	1074	1341	1648											
NT2180UV	22,4	1	115V 60Hz 1~	CSR	HST	LBP	1048	1,38	832	1,12	55	-	-	534	691	876	1089	1330	16,5	220	54,5	F	520	450	POE 22	C/V	DWG17	SM21	NT2180UV
											45	396	509	659	844	1065	1323	1616											
NT2210UV	27,8	1 1/4	208-230V 60Hz 1~	CSR	HST	LBP	1281	1,42	1051	1,12	55	-	-	671	863	1093	1360	1665	17,8	234	37	F	520	450	POE22	C/V	DWG17	SM26	NT2210UV
											45	494	621	798	1024	1301	1627	2003											
NT2210UV	27,8	1 1/4	115V 60Hz 1~	CSR	HST	LBP	1322	1,39	1060	1,11	55	-	-	680	872	1104	1374	1684	17,8	234	67	F	520	450	POE 22	C/V	DWG17	SM26	NT2210UV
											45	514	651	833	1063	1338	1661	2029											
NJX2215U*	38,0	2	400V 50Hz / 440V 60Hz 3~	3PHASE	HST	LBP	2011	1,5	1127	1,25	55	-	-	-	-	-	-	21,8	277	23	F	800	750	POE 22	C/V	DWG14	SM18	NJX2215U*	
											45	-	-	-	-	-	-												

* 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 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