

REFRIGERANT	APPLICATION	FREQUENCY
R-290	LBP	50Hz

MODEL	Displacement		B.O.M.	Voltage / Frequency	Motor Type	LRA	Exp. Device	Lubricant			Weight		Max. Height	
	cm ³	in ³						Charge	Type	kg	lb	mm	in	
														cm ³
EMT2117U	3.97	0.24	872CA	220-240V 50Hz 1~	CSIR	7.7	C/V	180	6.2	POE 22	7.8	17.2	166.0	6.5
EMT2121U	5.57	0.34	872DA	220-240V 50Hz 1~	CSIR	7.7	C/V	180	6.2	POE 22	7.8	17.2	166.0	6.5
EMT1121U	5.57	0.34	872AA	220-240V 50Hz 1~	RSCR	7.7	C	180	6.2	POE 22	7.8	17.2	166.0	6.5
EMT2125U	5.96	0.36	872EA	220-240V 50Hz 1~	CSIR	9.8	C/V	180	6.2	POE 22	7.8	17.2	166.0	6.5
EMT1125U	5.96	0.36	872BA	220-240V 50Hz 1~	RSCR	9.8	C	180	6.2	POE 22	7.8	17.2	166.0	6.5
NEK2117U	4.52	0.28	861AA	220-240V 50Hz 1~	CSIR	9.6	C/V	350	12.0	POE 22	10.4	22.9	187.0	7.4
NEK2121U	6.20	0.38	861BA	220-240V 50Hz 1~	CSIR	12.4	C/V	350	12.0	POE 22	10.4	22.9	187.0	7.4
NEK1121U	6.20	0.38	862BA	220-240V 50Hz 1~	RSIR	15.5	C	350	12.0	POE 22	10.4	22.9	187.0	7.4
NEK2125U	7.28	0.44	862DA	220-240V 50Hz 1~	CSIR	12.4	C/V	350	12.0	POE 22	10.4	22.9	200.0	7.4
NEK2125U	7.28	0.44	861CA	220-240V 50Hz 1~	CSIR	12.4	C/V	350	12.0	POE 22	10.4	22.9	187.0	7.4
NEK2134U	10.00	0.61	862AA	220-240V 50Hz 1~	CSIR	13.1	C/V	350	12.0	POE 22	11.0	24.3	200.0	7.9
NEK2150U	13.54	0.81	863AA	220-240V 50Hz 1~	CSIR	19.5	C/V	350	12.0	POE 22	11.6	25.5	206.0	8.1
NEK1150U	13.54	0.81	863BA	220-240V 50Hz 1~	RSIR	24.3	C	350	12.0	POE 22	11.6	25.5	206.0	8.1
NT2160U	17.40	1.06	842AA	220-240V 50Hz 1~	CSIR	21.0	C/V	450	15.7	POE 22	18.0	39.6	220.0	8.7
NT2160U	17.40	1.06	842AA	220-240V 50Hz 1~	CSR	21.0	C/V	450	15.7	POE 22	18.0	39.6	220.0	8.7
NT2170U	20.40	1.24	842BA	220-240V 50Hz 1~	CSIR	25.0	C/V	450	15.7	POE 22	18.0	39.6	220.0	8.7
NT2170U	20.40	1.24	842BA	220-240V 50Hz 1~	CSR	25.0	C/V	450	15.7	POE 22	18.0	39.6	220.0	8.7
NT2180U	22.40	1.37	843AA	220-240V 50Hz 1~	CSIR	35.0	C/V	450	15.7	POE 22	18.2	40.0	234.0	9.3
NT2180U	22.40	1.37	843AA	220-240V 50Hz 1~	CSR	35.0	C/V	450	15.7	POE 22	18.2	40.0	234.0	9.3

REFRIGERANT	APPLICATION	FREQUENCY
R-600a	LBP	50Hz

MODEL	Displacement		B.O.M.	Voltage / Frequency	Motor Type	LRA	Exp. Device	Lubricant			Weight		Max. Height	
	cm ³	in ³						Charge	Type	kg	lb	mm	in	
														cm ³
NBM1114Y	10.00	0.61	817BA	220-240V 50Hz 1~	RSIR-RSCR	6.3	C	350	12.0	MO 15	10.1	22.3	187.0	7.4
NBM1116Y	12.30	0.75	818AA	220-240V 50Hz 1~	RSIR-RSCR	7.1	C	350	12.0	MO 15	10.7	23.6	200.0	7.9
NBM1118Y	14.30	0.87	818BA	220-240V 50Hz 1~	RSIR-RSCR	8.1	C	350	12.0	MO 15	10.7	23.6	200.0	7.9

FREQUENCY APPLICATION REFRIGERANT

50Hz LBP R-290

Cooling Type	Condensing Temperature	Cooling Capacity / Evaporating Temperature °C														Drawings		MODEL
		Subcooled Conditions W														External View	Wiring Diagram	
		-40	-35	-30	-25	Rated Point -23.3°C				-20	-15	-10						
						Cooling		W. Input	Current				EER					
C	W	kcal/h	W	A	W/W	kcal/hW	ref.	ref.										
S	54.4 45	80	108	132 142	170 182	184	158	130	0.96	1.37	1.18	216	270	331	DWG01	SM05	EMT2117U	
S	54.4 45	122	162	192 208	245 265	265	228	182	1.15	1.46	1.25	310	384	467	DWG01	SM05	EMT2121U	
S	54.4 45	122	162	194 209	250 266	270	231	174	0.87	1.55	1.33	315	388	470	DWG01	SM00	EMT1121U	
F	54.4 45	137	180	216 233	278 295	301	259	204	1.42	1.47	1.27	348	430	520	DWG01	SM05	EMT2125U	
S	54.4 45	140	182	218 235	278 297	301	259	197	1.09	1.53	1.31	350	430	522	DWG01	SM00	EMT1125U	
S	54.4 45	84	111	133 145	177 192	188	162	158	1.24	1.19	1.03	220	274	336	DWG02	SM05	NEK2117U	
F	54.4 45	106	141	168 187	225 246	247	212	207	1.63	1.20	1.02	293	373	465	DWG03	SM05	NEK2121U	
S	54.4 45	133	167	202 213	257 271	276	237	209	1.54	1.32	1.13	322	399	486	DWG03	SM03	NEK1121U	
S	54.4 45	160	195	215 252	280 325	300	258	232	1.75	1.30	1.12	358	445	545	DWG03	SM05	NEK2125U	
F	54.4 45	170	202	230 250	292 314	316	272	242	1.71	1.31	1.13	370	462	571	DWG03	SM05	NEK2125U	
F	54.4 45	230	281	331 351	414 440	449	386	330	2.04	1.36	1.17	521	645	793	DWG03	SM05	NEK2134U	
F	54.4 45	264	333	417 441	536 576	581	500	444	2.98	1.31	1.13	678	843	1031	DWG03	SM05	NEK2150U	
F	54.4 45	277	362	437 467	557 593	601	517	460	3.19	1.30	1.12	697	859	1042	DWG03	SM03	NEK1150U	
F	54.4 45	298	404	488 538	642 698	703	604	518	3.35	1.36	1.17	820	1024	1247	DWG16	SM19	NT2160U	
F	54.4 45	-	-	-	-	703	604	487	2.50	1.44	1.24	-	-	-	DWG16	SM23	NT2160U	
F	54.4 45	372	492	582 644	754 826	816	702	625	3.98	1.30	1.12	955	1185	1444	DWG16	SM19	NT2170U	
F	54.4 45	-	-	-	-	816	702	580	2.90	1.41	1.21	-	-	-	DWG16	SM23	NT2170U	
F	54.4 45	424	560	665 728	860 932	932	800	697	4.60	1.34	1.15	1084	1336	1618	DWG16	SM19	NT2180U	
F	54.4 45	-	-	-	-	932	800	619	3.18	1.49	1.28	-	-	-	DWG16	SM23	NT2180U	

FREQUENCY APPLICATION REFRIGERANT

50Hz LBP R-600a

Cooling Type	Condensing Temperature	Cooling Capacity / Evaporating Temperature °C														Drawings		MODEL
		Subcooled Conditions W														External View	Wiring Diagram	
		-30	-25	Rated Point -23.3°C				-20	-15	-10	-5							
				Cooling		W. Input	Current					EER						
C	W	kcal/h	W	A	W/W	kcal/hW	ref.	ref.										
S	54.4 45	114	139	153	132	118	0.80	1.30	1.12	184	236	295	362	DWG02	SM00	NBM1114Y		
S	54.4 45	149	176	191	164	143	1.00	1.34	1.15	225	285	357	440	DWG02	SM00	NBM1116Y		
S	54.4 45	172	203	221	190	162	1.10	1.37	1.18	260	330	412	507	DWG02	SM00	NBM1118Y		