

R 134a COMPRESSOR LINE - 50Hz - LBP APPLICATION

Compressor	Displ. cm ³	Oil ISO cSt	Max Height (mm)	Cooling Capacity			Efficiency without run capacitor			Efficiency with run capacitor			Run Cap μF
				ASHRAE		CECOMAF (W)	ASHRAE		CECOMAF (W/W)	ASHRAE		CECOMAF (W/W)	
				(kcal/h)	(W)		(kcal/Wh)	(W/W)		(kcal/Wh)	(W/W)		
BP1046Z	2.85	22	150.2	54	63	46	0.80	0.93	0.73				
BP1058Z	3.44	22	150.2	68	79	60	0.84	0.98	0.77				
BP1072Z	4.15	22	150.2	87	101	76	0.89	1.04	0.82				
BP1084Z	4.60	22	150.2	96	112	84	0.91	1.06	0.83				
BP1111Z	5.61	22	158.7	120	139	105	0.92	1.07	0.84				
BPM1058Z	2.85	22	150.2	55	64	48	0.87	1.01	0.80	0.89	1.03	0.81	2.5
BPM1072Z	3.44	22	150.2	70	81	61	0.92	1.07	0.84	0.93	1.08	0.85	3.0
BPM1084Z	4.15	22	150.2	88	102	77	0.95	1.10	0.87	0.99	1.15	0.91	3.0
BPM1111Z	5.61	22	158.7	123	143	108	0.96	1.12	0.88	1.01	1.18	0.93	3.0
EMT22HLP	3.00	10	155.6	65	76	57	1.03	1.19	0.94	1.08	1.26	0.99	2.5
EMT36HLP	3.97	10	163.6	92	107	81	1.10	1.28	1.01	1.15	1.34	1.06	2.5
EMT43HLP	4.85	10	163.6	112	130	98	1.08	1.26	0.99	1.13	1.31	1.04	2.5
EMT49HLP	5.56	10	163.6	130	151	114	1.09	1.27	1.00	1.14	1.33	1.05	2.5
EMT60HLP	6.76	10	163.6	158	183	138	1.06	1.23	0.97	1.11	1.30	1.02	2.5
NB1116Z	8.38	22	187.0	154	179	135	0.91	1.06	0.83				
NB1118Z	8.06	22	187.0	165	192	145	1.01	1.18	0.93				
NBK1114Z	7.40	22	200.0	141	164	124				1.07	1.24	0.98	5.0
NBK1116Z	8.38	22	200.0	163	190	143				1.10	1.28	1.01	5.0
NBT1114Z	6.20	10	187.0	139	162	122				1.19	1.39	1.09	4.0
NBT1116Z	7.40	10	200.0	167	194	146				1.24	1.44	1.14	4.0
NBT1118Z	8.38	10	200.0	193	224	169				1.23	1.43	1.13	4.0
NB2112Z	6.20	22	177.0	115	134	101	0.90	1.05	0.83				
NB2116Z	8.38	22	187.0	154	179	135	0.91	1.06	0.83				
NB2118Z	8.06	22	187.0	165	192	145	1.01	1.17	0.93				

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Compressor	Displ. cm ³	Oil ISO cSt	Max Height (mm)	Cooling Capacity			Efficiency without run capacitor			Efficiency with run capacitor			Run Cap μF
				ASHRAE		CECOMAF (W)	ASHRAE		CECOMAF (W/W)	ASHRAE		CECOMAF (W/W)	
				(kcal/h)	(W)		(kcal/Wh)	(W/W)		(kcal/Wh)	(W/W)		
BP5125H	3.44	22	150.2	277	322	271	1.67	1.94	1.65				
BP5128H	4.15	22	150.2	330	384	322	1.62	1.88	1.60				
BP5132H	4.60	22	158.7	369	429	360	1.65	1.92	1.63				
BP6125H	3.44	22	150.2	277	322	271	1.69	1.97	1.67				
BP6128H	4.15	22	150.2	330	384	322	1.64	1.91	1.62				
BP6132H	4.60	22	158.7	369	429	360	1.66	1.93	1.64				

TEST CONDITIONS	LBP		HBP	
	ASHRAE	CECOMAF	ASHRAE	CECOMAF
Evaporating temperature	-23.3°C	-25°C	7.2°C	5°C
Condensing temperature	54.4°C	55°C	54.4°C	55°C
Ambient temperature	32.2°C	32°C	35°C	32°C
Liquid temperature	32.2°C	55°C	46.1°C	55°C
Suction gas superheat.to	32.2°C	32°C	35°C	32°C

