

### R 134a COMPRESSOR LINE - 50Hz - LBP APPLICATION

Compressor	Voltage	Displ. cm <sup>3</sup>	Oil ISO cSt	Max Height (mm)	Cooling Capacity			Efficiency without run capacitor			Efficiency with run capacitor			Run Cap μF
					ASHRAE		CECOMAF	ASHRAE		CECOMAF	ASHRAE		CECOMAF	
					(kcal/h)	(W)	(W)	(kcal/Wh)	(W/W)	(W/W)	(kcal/Wh)	(W/W)	(W/W)	
BPM1058Z	K	2.85	22	150.2	57	66	50	0.82	0.95	0.75	0.84	0.98	0.77	2.5
BPM1072Z	K	3.44	22	150.2	69	80	61	0.89	1.04	0.82	0.91	1.06	0.83	2.5
BPM1084Z	K	4.15	22	150.2	90	105	79	0.91	1.06	0.83	0.93	1.08	0.85	2.5
BPM1111Z	K	5.61	22	158.7	124	144	109	0.97	1.13	0.89	0.99	1.15	0.91	2.5
NB1115Z	K	7.38	22	187.0	138	160	121	0.95	1.10	0.87				
NB1118Z	K	8.07	22	200.0	182	212	160	1.00	1.16	0.92				
NB1117Z	N	8.39	22	187.0	157	183	138	0.98	1.13	0.89				
NB1119Z	N	8.07	22	200.0	171	199	150	1.08	1.25	0.99				
NB3117Z	N	8.39	22	200.0	154	179	135	0.95	1.10	0.87				
NB3119Z	N	8.07	22	200.0	173	201	152	1.09	1.27	1.00				
BP1046Z	W	2.85	22	150.2	55	64	48	0.82	0.95	0.75				

### R 134a COMPRESSOR LINE - 60Hz - LBP APPLICATION

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					ASHRAE		CECOMAF	ASHRAE		CECOMAF	ASHRAE		CECOMAF	
					(kcal/h)	(W)	(W)	(kcal/Wh)	(W/W)	(W/W)	(kcal/Wh)	(W/W)	(W/W)	
BP1046Z	G	2.85	22	150.2	67	78	59	0.77	0.90	0.71				
BP1058Z	G	3.44	22	150.2	82	95	72	0.83	0.97	0.76				
BP1072Z	G	4.15	22	150.2	103	120	90	0.89	1.04	0.82				
BP1084Z	G	4.60	22	150.2	113	131	99	0.89	1.04	0.82				
BP1111Z	G	5.61	22	158.7	145	169	127	0.89	1.04	0.82				
EMU60HLC	G	5.20	10	166	152	177	133				1.26	1.47	1.16	12.0
NB1112Z	G	6.20	22	177.0	132	154	116	0.90	1.05	0.83				
NB1116Z	G	8.39	22	187.0	173	201	152	0.86	1.00	0.79				
NB1118Z	G	8.07	22	187.0	187	217	164	0.98	1.14	0.90				
NB2116Z	G	8.39	22	187.0	173	201	152	0.86	1.00	0.79				
NB3118Z	G	8.07	22	200.0	201	234	176	1.02	1.19	0.94				
BP1084Z	U	4.60	22	150.2	112	130	98	0.90	1.05	0.83				
BP1046Z	W	2.85	22	150.2	65	76	57	0.99	1.15	0.91				

NOTES	FIRST VOLTAGE		SECOND VOLTAGE		TEST CONDITION	
	V	Hz	V	Hz	V	Hz
D	208-230	60			208	60
G	115	60			115	60
K	200-220	50	230	60	200	50
N	200-240	50	230	60	200	50
Q	100	50-60			100	50-60
U	220	60			220	60
W	220	50-60			220	50-60

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



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					ASHRAE		CECOMAF	ASHRAE		CECOMAF	ASHRAE		CECOMAF	
					(kcal/h)	(W)	(W)	(kcal/Wh)	(W/W)	(W/W)	(kcal/Wh)	(W/W)	(W/W)	
BP5128H	Q	4.15	22	150.2	<b>335</b>	390	327	<b>1.69</b>	1.97	1.67				
BP5132H	Q	4.60	22	158.7	<b>372</b>	433	363	<b>1.65</b>	1.92	1.63				

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					ASHRAE		CECOMAF	ASHRAE		CECOMAF	ASHRAE		CECOMAF	
					(kcal/h)	(W)	(W)	(kcal/Wh)	(W/W)	(W/W)	(kcal/Wh)	(W/W)	(W/W)	
BP5128H	Q	4.15	22	150.2	<b>395</b>	459	386	<b>2.00</b>	2.33	1.98				
BP5132H	Q	4.60	22	158.7	<b>439</b>	510	429	<b>1.96</b>	2.28	1.94				

NOTES	FIRST VOLTAGE		SECOND VOLTAGE		TEST CONDITION	
	V	Hz	V	Hz	V	Hz
D	208-230	60			208	60
G	115	60			115	60
K	200-220	50	230	60	200	50
N	200-240	50	230	60	200	50
Q	100	50-60			100	50-60
U	220	60			220	60
W	220	50-60			220	50-60

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

