



### D - PERFORMANCE - CHECK POINT DATA

TEST CONDITIONS: @127V60Hz			ASHRAELBP32 Static		Evaporating temperature (Condensing temperature		-23.3°C (-9.94°F) 54.4°C (129.92°F)	
Cooling capacity +/- 5%			Power consumption +/- 5%	Current consumption +/- 5%	Gas flow rate +/- 5%	EFFICIENCY RATE +/- 7%		
[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
610	154	179	125	1.63	1.92	4.88	1.23	1.43

### E - PERFORMANCE - CURVES

TEST CONDITIONS: @127V60Hz		ASHRAE32 Static				(Condensing temperature 35°C (+95°F) )				
Evaporating temperature	Cooling capacity +/- 5%			Power consumption +/- 5%	Current consumption +/- 5%	Gas flow rate +/- 5%	EFFICIENCY RATE +/- 7%			
	°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]
-35	(-31)	357	90	105	86	1.46	1.12	4.13	1.04	1.21
-30	(-22)	477	120	140	99	1.50	1.50	4.81	1.21	1.41
-25	(-13)	634	160	186	112	1.55	1.99	5.65	1.42	1.65
-20	(- 4)	827	208	242	125	1.61	2.60	6.60	1.66	1.93
-15	(+ 5)	1055	266	309	139	1.68	3.32	7.62	1.92	2.23
-10	(+14)	1318	332	386	152	1.76	4.16	8.68	2.19	2.54

TEST CONDITIONS: @127V60Hz		ASHRAE32 Static				(Condensing temperature 45°C (+113°F) )				
Evaporating temperature	Cooling capacity +/- 5%			Power consumption +/- 5%	Current consumption +/- 5%	Gas flow rate +/- 5%	EFFICIENCY RATE +/- 7%			
	°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]
-35	(-31)	336	85	99	89	1.48	1.05	3.79	0.96	1.11
-30	(-22)	447	113	131	102	1.52	1.40	4.38	1.10	1.28
-25	(-13)	595	150	174	116	1.57	1.87	5.11	1.29	1.50
-20	(- 4)	780	197	229	131	1.63	2.45	5.93	1.49	1.74
-15	(+ 5)	1001	252	293	147	1.71	3.15	6.80	1.71	1.99
-10	(+14)	1257	317	368	164	1.81	3.97	7.69	1.94	2.25

TEST CONDITIONS: @127V60Hz		ASHRAE32 Static				(Condensing temperature 55°C (+131°F) )				
Evaporating temperature	Cooling capacity +/- 5%			Power consumption +/- 5%	Current consumption +/- 5%	Gas flow rate +/- 5%	EFFICIENCY RATE +/- 7%			
	°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]
-35	(-31)	314	79	92	90	1.48	0.98	3.50	0.88	1.02
-30	(-22)	414	104	121	104	1.52	1.30	4.00	1.01	1.17
-25	(-13)	553	139	162	119	1.58	1.74	4.62	1.16	1.35
-20	(- 4)	729	184	214	136	1.66	2.29	5.32	1.34	1.56
-15	(+ 5)	941	237	276	155	1.75	2.96	6.05	1.52	1.77
-10	(+14)	1190	300	349	176	1.87	3.76	6.78	1.71	1.99

### E - PERFORMANCE - CURVES

TEST CONDITIONS: @127V60Hz		ASHRAE32 Static			(Condensing temperature 65°C (+149°F) )					
Evaporating temperature		Cooling capacity +/- 5%			Power consumption +/- 5%	Current consumption +/- 5%	Gas flow rate +/- 5%	EFFICIENCY RATE +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-35	(-31)	290	73	85	89	1.48	0.91	3.24	0.82	0.95
-30	(-22)	380	96	111	104	1.53	1.19	3.66	0.92	1.07
-25	(-13)	508	128	149	122	1.60	1.59	4.18	1.05	1.23
-20	(- 4)	674	170	197	142	1.69	2.12	4.77	1.20	1.40
-15	(+ 5)	877	221	257	164	1.81	2.76	5.36	1.35	1.57
-10	(+14)	1118	282	328	189	1.95	3.53	5.94	1.50	1.74

### F - EXTERNAL CHARACTERISTICS

1 Base plate	European Standard EG/F/AMEM Version 2		
2 Tray holder	No		
3 Connectors			
3.1 SUCTION	8.2 +0.12/-0.08	[mm]	(0.323" +0.005"/-0.003")
3.1.1 Material	Copper		
3.1.2 Shape	Slanted 42° up + 45° to Back		
3.2 DISCHARGE	4.94 +0.08/-0.08	[mm]	(0.194" +0.003"/-0.003")
3.2.1 Material	Copper		
3.2.2 Shape	Slanted 30° up + 24° to Back		
3.3 PROCESS	6.35 +0.08/-0.08	[mm]	(0.250" +0.003"/-0.003")
3.3.1 Material	Copper(OD)		
3.3.2 Shape	Slanted 45° up + 45° to Back		
3.4 Oil cooler (Copper)	No	[mm]	
3.5 Connector sealing	Rubber Plugs		