COMPRESSOR DEFINITION

Designation	**VNE X419U**
Nominal Voltage/Frequency	**208-240 V 50-60 Hz**
Engineering Number	**866CX26**

A - APPLICATION / LIMIT WORKING CONDITIONS

1 Type	Hermetic reciprocating compressor		
2 Refrigerant	R-290		
3 Nominal voltage and frequency	208-240 / 50-60	[V / Hz]	
4 Application type	Low-Medium Back Pressure (Light Commercial - Curves until T.Evap -		
4.1 Evaporating temperature range	-40°C to 0°C	(-40°F to 32°F)	
5 Motor type	BPM		
6 Starting torque	HST - Hight starting torque		
7 Expantion device	Capillary tube or Expansion valve		
8 Compressor cooling		Operating voltage range	
		50 Hz	60 Hz
8.1 LBP (32ºC Ambient temperature)	-	-	-
8.2 LBP (43ºC Ambient temperature)	-	-	-
8.3 HBP (32ºC Ambient temperature)	-	-	-
8.4 HBP (43ºC Ambient temperature)	-	-	-
9 Maximum condensing temperature			
9.1 Operating	18.4	[kgf/cm²] (262 psig)	/ ºC - ºF
9.2 Peak	20.6	[kgf/cm²] (293 psig)	/ ºC - ºF
10 Maximum winding temperature	130	[°C]	

B - MECHANICAL DATA

1 Commercial designation	1 1/2	[hp]
2 Displacement	18.70	[cm³] (1.141 cu.in)
2.1 Bore [mm]	32.186	
2.2 Stroke [mm]	23.000	
3 Lubricant charge	400	[ml] (13.53 fl.oz.)
3.1 Lubricants approved		
3.2 Lubricants type/viscosity	ESTER / ISO22	
4 Weight (with oil charge)	11.3	[kg] (24.91 lb.)
5 Nitrogen charge	-	[kgf/cm²]

C - ELECTRICAL DATA

1 Nominal Voltage/Frequency/Number of Phases	208-240 V 50-60 Hz 1~ (Single phase)	
2 Starting device type	Inverter	
2.1 Starting device	CF20A01 P 0.0 X	
3 Start capacitor	-	[µF(VAC minimum)]
4 Run capacitor	-	[µF(VAC minimum)]
5 Motor protection	USP-102-83	
6 Start winding resistance	1.94	[Ω at 25ºC (77ºF)] +/- 8%
7 Run winding resistance	1.94	[Ω at 25ºC (77ºF)] +/- 8%
8 LRA - Locked rotor amperage (110/250 Hz)	4.60	[A] - Measured according to UL 984
9 FLA - Full load amperage L/MBP (110/250 Hz)	4.60	[A] - Measured according to UL 984
10 FLA - Full Load Amperage HBP (110/250 Hz)	-	[A] - Measured according to UL 984
11 Approval boards certification	CCC - UL - VDE	

D - PERFORMANCE - CHECK POINT DATA

TEST CONDITIONS: **@220V2200RPM**			**EN12900LBP** **Fan**		Evaporating temperature (Condensing temperature		**-35°C (-31°F)** **40°C (104°F))**	
Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
1318	332	386	264	1.30	4.41	4.99	1.26	1.46

TEST CONDITIONS: **@220V3000RPM**			**EN12900LBP** **Fan**		Evaporating temperature (Condensing temperature		**-35°C (-31°F)** **40°C (104°F))**	
Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
1797	453	527	364	1.69	6.02	4.94	1.24	1.45

TEST CONDITIONS: **@220V3600RPM**			**EN12900LBP** **Fan**		Evaporating temperature (Condensing temperature		**-35°C (-31°F)** **40°C (104°F))**	
Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
2106	531	617	439	2.03	7.05	4.80	1.21	1.41

TEST CONDITIONS: **@220V4500RPM**			**EN12900LBP** **Fan**		Evaporating temperature (Condensing temperature		**-35°C (-31°F)** **40°C (104°F))**	
Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
2504	631	734	550	2.47	8.39	4.56	1.15	1.34

TEST CONDITIONS: **@220V5000RPM**			**EN12900LBP** **Fan**		Evaporating temperature (Condensing temperature		**-35°C (-31°F)** **40°C (104°F))**	
Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
2799	705	820	626	2.79	9.37	4.47	1.13	1.31

E - PERFORMANCE - CURVES

TEST CONDITIONS: **EN12900** (Condensing temperature **35ºC (+95ºF))**
@220V2200RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1043	263	306	213	1.12	3.32	4.89	1.23	1.43
-35	**(-31)**	1406	354	412	252	1.28	4.52	5.55	1.40	1.63
-30	**(-22)**	1838	463	539	293	1.44	5.92	6.25	1.57	1.83
-25	**(-13)**	2348	592	688	333	1.61	7.58	7.03	1.77	2.06
-20	**(- 4)**	2944	742	863	371	1.77	9.54	7.95	2.00	2.33
-15	**(+ 5)**	3636	916	1065	404	1.90	11.84	9.05	2.28	2.65
-10	**(+14)**	4431	1117	1298	430	2.01	14.52	10.38	2.61	3.04
-5	**(+23)**	5339	1345	1564	448	2.08	17.63	11.98	3.02	3.51
0	**(+32)**	6368	1605	1866	455	2.10	21.21	13.92	3.51	4.08

TEST CONDITIONS: **EN12900** (Condensing temperature **45ºC (+113ºF))**
@220V2200RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	852	215	250	217	1.16	2.98	3.96	1.00	1.16
-35	**(-31)**	1178	297	345	258	1.31	4.14	4.58	1.15	1.34
-30	**(-22)**	1562	394	458	302	1.49	5.51	5.15	1.30	1.51
-25	**(-13)**	2013	507	590	349	1.67	7.12	5.73	1.44	1.68
-20	**(- 4)**	2541	640	744	395	1.86	9.02	6.37	1.60	1.87
-15	**(+ 5)**	3152	794	924	439	2.05	11.27	7.11	1.79	2.08
-10	**(+14)**	3857	972	1130	479	2.21	13.88	8.01	2.02	2.35
-5	**(+23)**	4664	1175	1367	512	2.34	16.92	9.11	2.29	2.67
0	**(+32)**	5581	1406	1635	537	2.44	20.43	10.45	2.63	3.06

TEST CONDITIONS: **EN12900** (Condensing temperature **55ºC (+131ºF))**
@220V2200RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	682	172	200	226	1.23	2.66	2.97	0.75	0.87
-35	**(-31)**	970	244	284	266	1.37	3.78	3.66	0.92	1.07
-30	**(-22)**	1306	329	383	312	1.55	5.10	4.24	1.07	1.24
-25	**(-13)**	1698	428	498	362	1.74	6.67	4.75	1.20	1.39
-20	**(- 4)**	2156	543	632	415	1.96	8.52	5.23	1.32	1.53
-15	**(+ 5)**	2687	677	787	468	2.17	10.70	5.75	1.45	1.68
-10	**(+14)**	3301	832	967	518	2.38	13.25	6.34	1.60	1.86
-5	**(+23)**	4006	1010	1174	565	2.57	16.22	7.06	1.78	2.07
0	**(+32)**	4811	1212	1410	606	2.73	19.65	7.95	2.00	2.33

E - PERFORMANCE - CURVES

TEST CONDITIONS: **EN12900** (Condensing temperature **35ºC (+95ºF))**
@220V3000RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1420	358	416	299	1.47	4.52	4.74	1.20	1.39
-35	**(-31)**	1901	479	557	354	1.69	6.11	5.36	1.35	1.57
-30	**(-22)**	2475	624	725	411	1.93	7.98	6.00	1.51	1.76
-25	**(-13)**	3151	794	923	468	2.16	10.18	6.72	1.69	1.97
-20	**(- 4)**	3943	994	1155	521	2.38	12.78	7.57	1.91	2.22
-15	**(+ 5)**	4861	1225	1424	569	2.58	15.83	8.59	2.17	2.52
-10	**(+14)**	5917	1491	1734	606	2.73	19.39	9.83	2.48	2.88
-5	**(+23)**	7122	1795	2087	632	2.83	23.52	11.33	2.86	3.32
0	**(+32)**	8488	2139	2487	642	2.87	28.27	13.15	3.31	3.85

TEST CONDITIONS: **EN12900** (Condensing temperature **45ºC (+113ºF))**
@220V3000RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1178	297	345	305	1.51	4.12	3.90	0.98	1.14
-35	**(-31)**	1611	406	472	361	1.73	5.66	4.47	1.13	1.31
-30	**(-22)**	2122	535	622	423	1.98	7.48	5.00	1.26	1.46
-25	**(-13)**	2722	686	798	488	2.24	9.63	5.54	1.40	1.62
-20	**(- 4)**	3424	863	1003	554	2.51	12.16	6.13	1.54	1.79
-15	**(+ 5)**	4238	1068	1242	616	2.77	15.14	6.81	1.72	2.00
-10	**(+14)**	5176	1304	1517	673	3.00	18.63	7.65	1.93	2.24
-5	**(+23)**	6249	1575	1831	720	3.20	22.67	8.67	2.19	2.54
0	**(+32)**	7470	1882	2189	756	3.34	27.34	9.94	2.50	2.91

TEST CONDITIONS: **EN12900** (Condensing temperature **55ºC (+131ºF))**
@220V3000RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	964	243	283	319	1.62	3.76	2.98	0.75	0.87
-35	**(-31)**	1347	340	395	373	1.81	5.25	3.63	0.91	1.06
-30	**(-22)**	1794	452	526	436	2.06	7.01	4.16	1.05	1.22
-25	**(-13)**	2317	584	679	506	2.33	9.10	4.63	1.17	1.36
-20	**(- 4)**	2927	738	858	580	2.63	11.57	5.08	1.28	1.49
-15	**(+ 5)**	3636	916	1066	654	2.93	14.48	5.56	1.40	1.63
-10	**(+14)**	4455	1123	1305	726	3.22	17.89	6.11	1.54	1.79
-5	**(+23)**	5396	1360	1581	792	3.50	21.85	6.78	1.71	1.99
0	**(+32)**	6470	1630	1896	850	3.73	26.42	7.62	1.92	2.23

E - PERFORMANCE - CURVES

TEST CONDITIONS: **EN12900** (Condensing temperature **35ºC (+95ºF))**
@220V3600RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1688	425	495	365	1.73	5.38	4.62	1.16	1.35
-35	**(-31)**	2251	567	660	432	2.00	7.23	5.20	1.31	1.52
-30	**(-22)**	2921	736	856	502	2.29	9.41	5.80	1.46	1.70
-25	**(-13)**	3712	936	1088	572	2.59	11.99	6.48	1.63	1.90
-20	**(- 4)**	4638	1169	1359	638	2.86	15.03	7.28	1.83	2.13
-15	**(+ 5)**	5711	1439	1674	697	3.11	18.60	8.24	2.08	2.41
-10	**(+14)**	6946	1750	2035	744	3.30	22.76	9.41	2.37	2.76
-5	**(+23)**	8354	2105	2448	776	3.43	27.59	10.82	2.73	3.17
0	**(+32)**	9951	2508	2916	790	3.48	33.14	12.53	3.16	3.67

TEST CONDITIONS: **EN12900** (Condensing temperature **45ºC (+113ºF))**
@220V3600RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1416	357	415	372	1.77	4.96	3.85	0.97	1.13
-35	**(-31)**	1923	485	563	440	2.04	6.76	4.38	1.10	1.28
-30	**(-22)**	2521	635	739	516	2.35	8.88	4.88	1.23	1.43
-25	**(-13)**	3224	812	945	595	2.68	11.40	5.38	1.36	1.58
-20	**(- 4)**	4045	1019	1185	676	3.01	14.37	5.93	1.50	1.74
-15	**(+ 5)**	4999	1260	1465	752	3.33	17.86	6.58	1.66	1.93
-10	**(+14)**	6098	1537	1787	822	3.62	21.95	7.37	1.86	2.16
-5	**(+23)**	7355	1853	2155	881	3.86	26.68	8.34	2.10	2.44
0	**(+32)**	8784	2214	2574	926	4.04	32.15	9.54	2.40	2.79

TEST CONDITIONS: **EN12900** (Condensing temperature **55ºC (+131ºF))**
@220V3600RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1177	296	345	390	1.89	4.58	2.98	0.75	0.87
-35	**(-31)**	1625	409	476	454	2.14	6.33	3.59	0.90	1.05
-30	**(-22)**	2148	541	630	531	2.44	8.40	4.09	1.03	1.20
-25	**(-13)**	2762	696	809	616	2.78	10.85	4.53	1.14	1.33
-20	**(- 4)**	3477	876	1019	706	3.15	13.75	4.96	1.25	1.45
-15	**(+ 5)**	4309	1086	1263	797	3.52	17.16	5.41	1.36	1.58
-10	**(+14)**	5270	1328	1544	885	3.88	21.16	5.93	1.49	1.74
-5	**(+23)**	6374	1606	1868	966	4.22	25.81	6.57	1.66	1.92
0	**(+32)**	7635	1924	2237	1038	4.52	31.18	7.36	1.86	2.16

E - PERFORMANCE - CURVES

TEST CONDITIONS: **EN12900** (Condensing temperature **35ºC (+95ºF))**
@220V4500RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	2055	518	602	462	2.12	6.55	4.44	1.12	1.30
-35	**(-31)**	2724	687	798	548	2.48	8.75	4.95	1.25	1.45
-30	**(-22)**	3521	887	1032	639	2.86	11.35	5.49	1.38	1.61
-25	**(-13)**	4462	1124	1307	731	3.25	14.41	6.10	1.54	1.79
-20	**(- 4)**	5562	1402	1630	818	3.62	18.02	6.81	1.72	2.00
-15	**(+ 5)**	6838	1723	2004	895	3.95	22.27	7.67	1.93	2.25
-10	**(+14)**	8307	2093	2434	958	4.22	27.22	8.73	2.20	2.56
-5	**(+23)**	9983	2516	2925	1002	4.40	32.96	10.01	2.52	2.93
0	**(+32)**	11884	2995	3482	1022	4.48	39.58	11.57	2.92	3.39

TEST CONDITIONS: **EN12900** (Condensing temperature **45ºC (+113ºF))**
@220V4500RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1751	441	513	471	2.17	6.13	3.75	0.94	1.10
-35	**(-31)**	2355	593	690	557	2.52	8.28	4.23	1.07	1.24
-30	**(-22)**	3068	773	899	654	2.92	10.81	4.68	1.18	1.37
-25	**(-13)**	3906	984	1144	756	3.35	13.81	5.13	1.29	1.50
-20	**(- 4)**	4885	1231	1431	860	3.79	17.35	5.63	1.42	1.65
-15	**(+ 5)**	6022	1517	1765	960	4.22	21.52	6.22	1.57	1.82
-10	**(+14)**	7332	1848	2148	1052	4.61	26.39	6.93	1.75	2.03
-5	**(+23)**	8832	2226	2588	1129	4.94	32.04	7.82	1.97	2.29
0	**(+32)**	10537	2655	3088	1189	5.19	38.56	8.91	2.25	2.61

TEST CONDITIONS: **EN12900** (Condensing temperature **55ºC (+131ºF))**
@220V4500RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1485	374	435	496	2.31	5.78	2.96	0.75	0.87
-35	**(-31)**	2020	509	592	575	2.63	7.87	3.52	0.89	1.03
-30	**(-22)**	2647	667	776	671	3.02	10.35	3.98	1.00	1.17
-25	**(-13)**	3380	852	990	779	3.47	13.27	4.38	1.10	1.28
-20	**(- 4)**	4235	1067	1241	894	3.95	16.74	4.76	1.20	1.40
-15	**(+ 5)**	5229	1318	1532	1011	4.45	20.82	5.17	1.30	1.52
-10	**(+14)**	6379	1607	1869	1125	4.94	25.61	5.65	1.42	1.65
-5	**(+23)**	7699	1940	2256	1231	5.39	31.17	6.23	1.57	1.82
0	**(+32)**	9206	2320	2698	1324	5.79	37.60	6.96	1.75	2.04

E - PERFORMANCE - CURVES

TEST CONDITIONS: **EN12900** (Condensing temperature **35ºC (+95ºF))**
@220V5000RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	2234	563	655	516	2.34	7.12	4.33	1.09	1.27
-35	**(-31)**	2953	744	865	613	2.76	9.49	4.80	1.21	1.41
-30	**(-22)**	3808	960	1116	716	3.20	12.27	5.31	1.34	1.55
-25	**(-13)**	4819	1214	1412	820	3.65	15.56	5.87	1.48	1.72
-20	**(- 4)**	6001	1512	1758	919	4.07	19.45	6.54	1.65	1.92
-15	**(+ 5)**	7372	1858	2160	1008	4.46	24.00	7.35	1.85	2.15
-10	**(+14)**	8950	2255	2622	1080	4.77	29.33	8.34	2.10	2.44
-5	**(+23)**	10751	2709	3150	1131	4.99	35.50	9.55	2.41	2.80
0	**(+32)**	12794	3224	3749	1155	5.09	42.61	11.02	2.78	3.23

TEST CONDITIONS: **EN12900** (Condensing temperature **45ºC (+113ºF))**
@220V5000RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1919	484	562	524	2.39	6.72	3.69	0.93	1.08
-35	**(-31)**	2569	647	753	620	2.79	9.03	4.15	1.05	1.22
-30	**(-22)**	3336	841	977	729	3.25	11.76	4.57	1.15	1.34
-25	**(-13)**	4237	1068	1242	845	3.75	14.98	4.99	1.26	1.46
-20	**(- 4)**	5291	1333	1550	962	4.26	18.79	5.46	1.38	1.60
-15	**(+ 5)**	6514	1642	1909	1076	4.75	23.28	6.01	1.51	1.76
-10	**(+14)**	7924	1997	2322	1180	5.20	28.52	6.68	1.68	1.96
-5	**(+23)**	9538	2404	2795	1269	5.59	34.61	7.51	1.89	2.20
0	**(+32)**	11374	2866	3333	1337	5.89	41.63	8.55	2.15	2.50

TEST CONDITIONS: **EN12900** (Condensing temperature **55ºC (+131ºF))**
@220V5000RPM **Fan**

Evaporating temperature		Cooling capacity (Qe) +/- 5%			Input power (We) +/- 5%	Electric current +/- 5%	Mass flow rate +/- 5%	Efficiency EER & COP +/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-40	**(-40)**	1645	415	482	552	2.54	6.40	2.95	0.74	0.86
-35	**(-31)**	2222	560	651	640	2.90	8.66	3.48	0.88	1.02
-30	**(-22)**	2897	730	849	747	3.35	11.32	3.91	0.99	1.15
-25	**(-13)**	3686	929	1080	868	3.87	14.48	4.29	1.08	1.26
-20	**(- 4)**	4608	1161	1350	997	4.42	18.22	4.65	1.17	1.36
-15	**(+ 5)**	5680	1431	1664	1129	5.00	22.62	5.03	1.27	1.47
-10	**(+14)**	6919	1744	2027	1258	5.56	27.78	5.48	1.38	1.61
-5	**(+23)**	8342	2102	2444	1378	6.09	33.78	6.03	1.52	1.77
0	**(+32)**	9967	2512	2920	1484	6.56	40.70	6.72	1.69	1.97

F - EXTERNAL CHARACTERISTICS

1 Base plate	Universal		
2 Tray holder	No		
3 Connectors			
3.1 SUCTION	8.1 +0.10/+0.00	[mm]	(0.319" +0.004"/+0.000")
3.1.1 Material	Copper		
3.1.2 Shape	Slanted 42°		
3.2 DISCHARGE	6.45 +0.10/+0.00	[mm]	(0.254" +0.004"/+0.000")
3.2.1 Material	Copper		
3.2.2 Shape	Slanted parallel to Base Plate		
3.3 PROCESS	6.45 +0.10/+0.00	[mm]	(0.254" +0.004"/+0.000")
3.3.1 Material	Copper		
3.3.2 Shape	Slanted 42°		
3.4 Oil cooler (Copper)	No	[mm]	
3.5 Connector sealing	Rubber Plugs		