

Condensing unit
Voltage Code : FZ

FHT2480ZBR-FZ

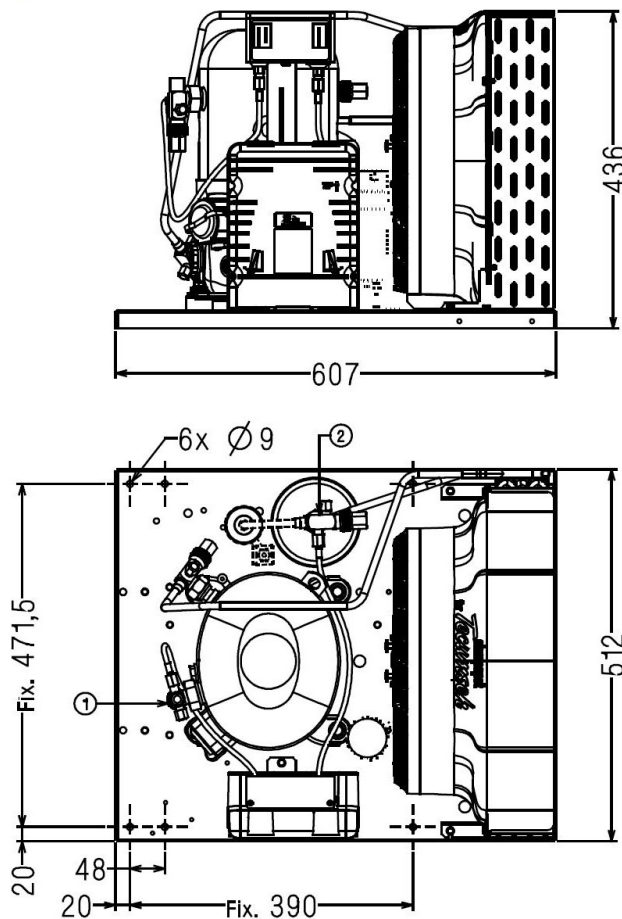
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT2480ZBR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1142	3894	73 dBA
EN13215 / R404A	50 Hz	1309	4465	73 dBA
EN13215 / R448A	50 Hz	942	3212	73 dBA
EN13215 / R449A	50 Hz	942	3213	73 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	57.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1750
Compo Data Sheet	126GT-F
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	7.7
Max Cont Current	16.5
Lock Rotor Amp	69
Fan	
Speed (rpm)	1335
Power (W)	90.0
Diameter (mm)	350
Protection	Overload
IP Level	IP44
Condenser	M350/8200
Liquid Receiver	
Capacity (L)	1.5
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Vanne Orientable
For Tubing Out Diam	15.9 (5/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

Note : Tecumseh reserves the right to change information contained in this document without notification.



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FHT2480ZBR-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

50 Hz R452A									
N°5960									
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	944	1351	1808	2313	2866	3464	4110
	2 P absorbée	(W)	1047	1224	1412	1619	1849	2107	2397
	3 I absorbée	(A)	5.01	5.74	6.54	7.43	8.44	9.58	10.9
	4 Tc	(°C)	26.9	27.9	29.5	31.6	34.2	36.9	39.8
32	1 P frigorifique	(Watt)	742	1142	1581	2059	2576	3130	3724
	2 P absorbée	(W)	1005	1203	1408	1629	1872	2142	2443
	3 I absorbée	(A)	4.70	5.55	6.46	7.44	8.52	9.72	11.0
	4 Tc	(°C)	33.6	34.2	35.5	37.3	39.6	42.2	44.9
43	1 P frigorifique	(Watt)	401	786	1195	1631	2093	2582	3101
	2 P absorbée	(W)	901	1135	1371	1617	1883	2173	2493
	3 I absorbée	(A)	4.02	5.11	6.20	7.33	8.53	9.84	11.2
	4 Tc	(°C)	44.4	44.3	45.0	46.4	48.3	50.5	53.0

50 Hz R404A									
N°5153									
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	1112	1519	1982	2496	3055	3653	4285
	2 P absorbée	(W)	1126	1313	1512	1728	1965	2226	2516
	3 I absorbée	(A)	5.43	6.16	6.99	7.92	8.96	10.1	11.4
	4 Tc	(°C)	27.8	29.8	32.0	34.4	36.9	39.6	42.3
32	1 P frigorifique	(Watt)	919	1309	1745	2223	2738	3285	3859
	2 P absorbée	(W)	1103	1302	1514	1743	1992	2267	2570
	3 I absorbée	(A)	5.19	6.02	6.94	7.94	9.06	10.3	11.6
	4 Tc	(°C)	33.8	35.7	37.7	40.0	42.4	44.9	47.5
43	1 P frigorifique	(Watt)	597	960	1354	1776	2222	2688	3173
	2 P absorbée	(W)	1034	1255	1489	1740	2012	2309	2635
	3 I absorbée	(A)	4.69	5.67	6.73	7.87	9.10	10.4	11.9
	4 Tc	(°C)	43.2	44.8	46.7	48.7	50.9	53.2	55.6

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

50 Hz R448A (*)							
N°6912							
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	1571	2081	2655	3291	3988
	2 P absorbée	(W)	1334	1536	1757	2000	2271
	3 I absorbée	(A)	6.17	7.05	8.02	9.10	10.3
	4 Tc	(°C)	28.8	30.8	33.1	35.7	38.4
32	1 P frigorifique	(Watt)	1363	1844	2386	2986	3643
	2 P absorbée	(W)	1337	1552	1786	2041	2324
	3 I absorbée	(A)	6.12	7.08	8.12	9.26	10.5
	4 Tc	(°C)	35.1	36.8	38.9	41.2	43.7
43	1 P frigorifique	(Watt)	1026	1467	1961	2508	3107
	2 P absorbée	(W)	1308	1550	1807	2085	2389
	3 I absorbée	(A)	5.90	7.01	8.19	9.43	10.8
	4 Tc	(°C)	45.0	46.3	47.9	49.8	52.1

50 Hz R449A (*)							
N°5485							
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	1572	2082	2656	3293	3990
	2 P absorbée	(W)	1334	1536	1757	2000	2271
	3 I absorbée	(A)	6.17	7.05	8.02	9.10	10.3
	4 Tc	(°C)	28.8	30.8	33.1	35.7	38.4
32	1 P frigorifique	(Watt)	1363	1845	2387	2988	3645
	2 P absorbée	(W)	1337	1552	1786	2041	2324
	3 I absorbée	(A)	6.12	7.08	8.12	9.26	10.5
	4 Tc	(°C)	35.1	36.8	38.9	41.2	43.7
43	1 P frigorifique	(Watt)	1027	1468	1962	2509	3108
	2 P absorbée	(W)	1308	1550	1807	2085	2389
	3 I absorbée	(A)	5.90	7.01	8.19	9.43	10.8
	4 Tc	(°C)	45.0	46.2	47.9	49.8	52.0

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux élevée pour les applications LBP.
 (*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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