

Condensing unit
Voltage Code : XC

FHT2480ZBR-XC

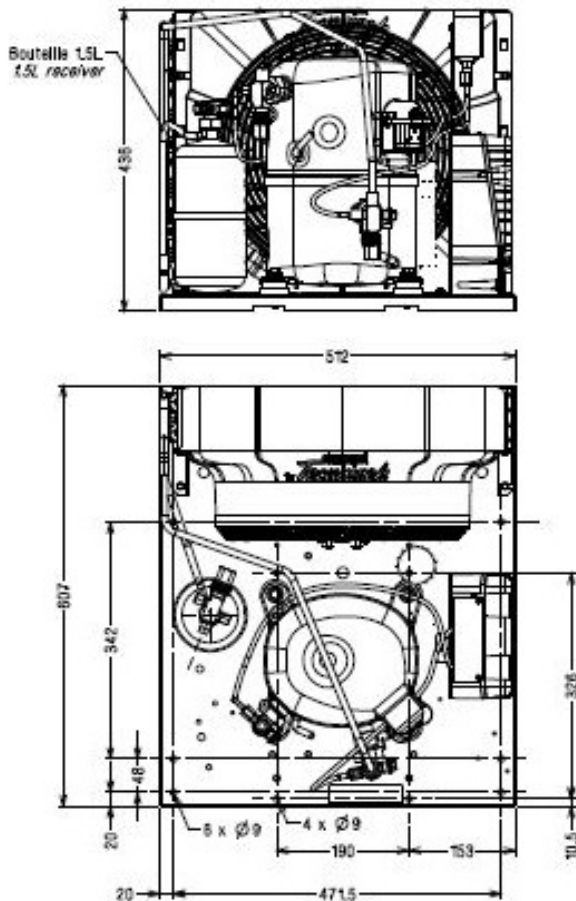
Low Temp. Commercial HTA (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT2480ZBR-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1236	4213	74 dBA
EN13215 / R404A	50 Hz	1456	4966	74 dBA
EN13215 / R448A	50 Hz	1081	3686	74 dBA
EN13215 / R449A	50 Hz	1079	3680	74 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)	46.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1750
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	9.4
Max Cont Current	12.4
Lock Rotor Amp	65
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
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA
Fan Guard	maille < à 8mm

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



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FHT2480ZBR-XC	Tension XC : 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°User-154									
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	831	1236	1718	2277	2910	3612	4375
	2 P absorbée	(W)	952	1178	1423	1687	1973	2284	2624
	3 I absorbée	(A)	6.65	7.08	7.59	8.19	8.89	9.69	10.6
	4 Tc	(°C)	32.9	34.9	37.0	39.4	41.9	44.6	47.6
38	1 P frigorifique	(Watt)	662	1041	1490	2010	2599	3253	3969
	2 P absorbée	(W)	903	1143	1403	1684	1988	2318	2678
	3 I absorbée	(A)	6.48	6.97	7.53	8.18	8.92	9.76	10.7
	4 Tc	(°C)	37.9	39.8	41.9	44.1	46.5	49.2	52.0
46	1 P frigorifique	(Watt)	445	788	1191	1658	2187	2779	3432
	2 P absorbée	(W)	818	1075	1355	1659	1989	2346	2733
	3 I absorbée	(A)	6.17	6.73	7.37	8.09	8.90	9.80	10.8
	4 Tc	(°C)	44.4	46.3	48.3	50.5	52.8	55.2	57.9

50 Hz R404A									
N°User-153									
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	1036	1456	1949	2508	3129	3804	4525
	2 P absorbée	(W)	1060	1293	1543	1813	2106	2425	2773
	3 I absorbée	(A)	7.37	7.75	8.23	8.81	9.49	10.3	11.2
	4 Tc	(°C)	34.3	36.5	38.8	41.4	44.2	47.1	50.2
38	1 P frigorifique	(Watt)	854	1249	1708	2227	2802	3427	4097
	2 P absorbée	(W)	1022	1269	1535	1823	2134	2472	2840
	3 I absorbée	(A)	7.28	7.71	8.23	8.85	9.58	10.4	11.4
	4 Tc	(°C)	39.3	41.4	43.6	46.1	48.7	51.5	54.4
46	1 P frigorifique	(Watt)	615	975	1388	1853	2367	2927	3532
	2 P absorbée	(W)	950	1217	1505	1816	2153	2518	2913
	3 I absorbée	(A)	7.08	7.58	8.17	8.86	9.64	10.5	11.5
	4 Tc	(°C)	46.1	48.0	50.1	52.3	54.7	57.3	60.0

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°User-156							
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	1550	2100	2732	3448	4249
	2 P absorbée	(W)	1328	1581	1858	2161	2495
	3 I absorbée	(A)	7.08	7.68	8.38	9.17	10.1
	4 Tc	(°C)	35.7	38.0	40.6	43.4	46.6
38	1 P frigorifique	(Watt)	1346	1866	2462	3138	3893
	2 P absorbée	(W)	1306	1577	1872	2195	2549
	3 I absorbée	(A)	7.01	7.66	8.41	9.25	10.2
	4 Tc	(°C)	40.6	42.8	45.3	48.0	51.1
46	1 P frigorifique	(Watt)	1075	1553	2102	2723	3419
	2 P absorbée	(W)	1257	1552	1873	2222	2605
	3 I absorbée	(A)	6.83	7.57	8.38	9.29	10.3
	4 Tc	(°C)	47.3	49.3	51.6	54.2	57.1

50 Hz R449A (*)							
N°User-155							
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	1547	2095	2724	3437	4233
	2 P absorbée	(W)	1327	1581	1858	2162	2498
	3 I absorbée	(A)	7.08	7.68	8.38	9.18	10.1
	4 Tc	(°C)	35.8	38.1	40.7	43.6	46.8
38	1 P frigorifique	(Watt)	1343	1860	2454	3126	3876
	2 P absorbée	(W)	1306	1577	1872	2196	2552
	3 I absorbée	(A)	7.00	7.66	8.41	9.25	10.2
	4 Tc	(°C)	40.7	42.9	45.4	48.2	51.2
46	1 P frigorifique	(Watt)	1071	1547	2093	2711	3401
	2 P absorbée	(W)	1256	1551	1872	2223	2607
	3 I absorbée	(A)	6.83	7.57	8.38	9.29	10.3
	4 Tc	(°C)	47.4	49.4	51.7	54.3	57.3

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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