

Condensing unit

Voltage Code : XC

FHT2511ZBR-XC

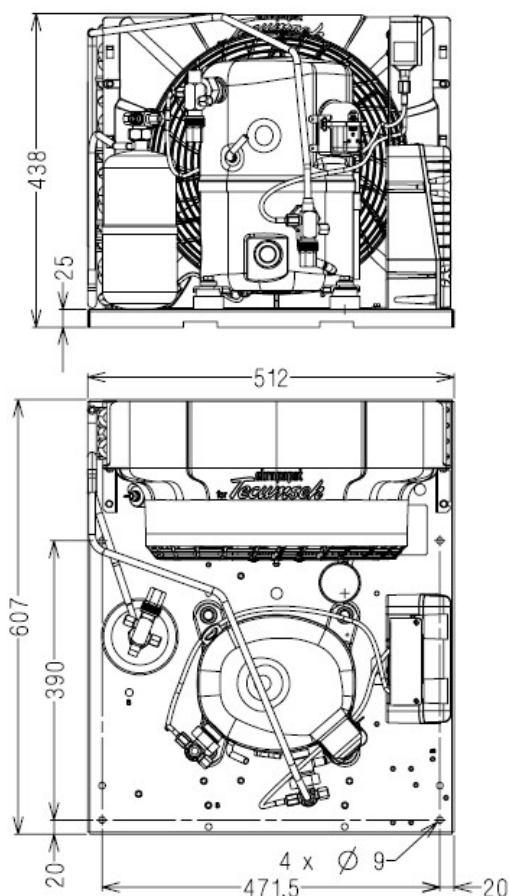
Low Temp. Commercial HTA (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT2511ZBR-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1604	5470	76 dBA
EN13215 / R404A	50 Hz	1971	6720	76 dBA
EN13215 / R448A	50 Hz	1407	4799	76 dBA
EN13215 / R449A	50 Hz	1406	4794	76 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)	50.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1750
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	11.5
Max Cont Current	24.4
Lock Rotor Amp	71
Fan	
Speed (rpm)	1335
Power (W)	90.0
Diameter (mm)	350
Protection	Overload
IP Level	IP44
Condenser	M350/9100
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 Connection 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.

FHT2511ZBR-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-158
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	1017	1604	2269	3007	3811	4677	5612
	2 P absorbée	(W)	1187	1505	1841	2203	2599	3038	3525
	3 I absorbée	(A)	7.15	7.68	8.28	8.97	9.77	10.7	11.7
	4 Tc	(°C)	36.4	37.8	39.9	42.5	45.6	48.9	52.4
38	1 P frigorifique	(Watt)	770	1318	1933	2614	3356	4161	5040
	2 P absorbée	(W)	1107	1445	1802	2187	2607	3069	3580
	3 I absorbée	(A)	6.90	7.51	8.17	8.92	9.77	10.7	11.8
	4 Tc	(°C)	41.5	42.9	44.9	47.4	50.3	53.5	56.8
46	1 P frigorifique	(Watt)		946	1495	2100	2762	3488	
	2 P absorbée	(W)		1335	1722	2137	2589	3085	
	3 I absorbée	(A)		7.19	7.95	8.77	9.69	10.7	
	4 Tc	(°C)		49.7	51.6	54.0	56.7	59.7	

50 Hz R404A									
									N°User-157
5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	1341	1971	2672	3438	4261	5140	6086
	2 P absorbée	(W)	1349	1672	2012	2377	2777	3217	3701
	3 I absorbée	(A)	8.01	8.47	9.01	9.67	10.4	11.4	12.4
	4 Tc	(°C)	37.0	38.4	40.5	43.2	46.2	49.5	52.8
38	1 P frigorifique	(Watt)	1074	1662	2311	3014	3768	4574	5450
	2 P absorbée	(W)	1287	1632	1995	2384	2808	3274	3784
	3 I absorbée	(A)	7.88	8.40	9.00	9.71	10.5	11.5	12.5
	4 Tc	(°C)	42.2	43.5	45.5	48.1	51.0	54.1	57.2
46	1 P frigorifique	(Watt)	729	1259	1835	2454	3115	3827	
	2 P absorbée	(W)	1174	1549	1943	2365	2823	3324	
	3 I absorbée	(A)	7.62	8.23	8.91	9.68	10.6	11.6	
	4 Tc	(°C)	49.1	50.4	52.3	54.7	57.4	60.2	

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

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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FHT2511ZBR-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 R448A (*)							
							N°User-160
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	2081	2871	3774	4784	5890
	2 P absorbée	(W)	1717	2064	2438	2847	3301
	3 I absorbée	(A)	7.71	8.40	9.19	10.1	11.1
	4 Tc	(°C)	38.0	39.9	42.2	45.0	48.2
38	1 P frigorifique	(Watt)	1775	2511	3356	4305	5348
	2 P absorbée	(W)	1678	2050	2452	2890	3371
	3 I absorbée	(A)	7.60	8.36	9.21	10.2	11.2
	4 Tc	(°C)	43.2	45.1	47.3	50.0	53.0
46	1 P frigorifique	(Watt)		2038	2806	3673	
	2 P absorbée	(W)		2003	2442	2918	
	3 I absorbée	(A)		8.21	9.14	10.2	
	4 Tc	(°C)		52.0	54.1	56.6	

50 Hz R449A (*)							
							N°User-159
5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
32	1 P frigorifique	(Watt)	2078	2864	3762	4765	5862
	2 P absorbée	(W)	1717	2064	2439	2849	3305
	3 I absorbée	(A)	7.71	8.40	9.19	10.1	11.1
	4 Tc	(°C)	38.0	40.0	42.4	45.2	48.5
38	1 P frigorifique	(Watt)	1771	2504	3344	4286	5320
	2 P absorbée	(W)	1678	2050	2452	2891	3375
	3 I absorbée	(A)	7.60	8.36	9.21	10.2	11.2
	4 Tc	(°C)	43.3	45.2	47.4	50.1	53.2
46	1 P frigorifique	(Watt)		2031	2793	3653	
	2 P absorbée	(W)		2001	2441	2919	
	3 I absorbée	(A)		8.21	9.14	10.2	
	4 Tc	(°C)		52.0	54.2	56.7	

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 refoulement 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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