Condensing unit
Voltage Code : FZ

FHT4524ZHR-FZ

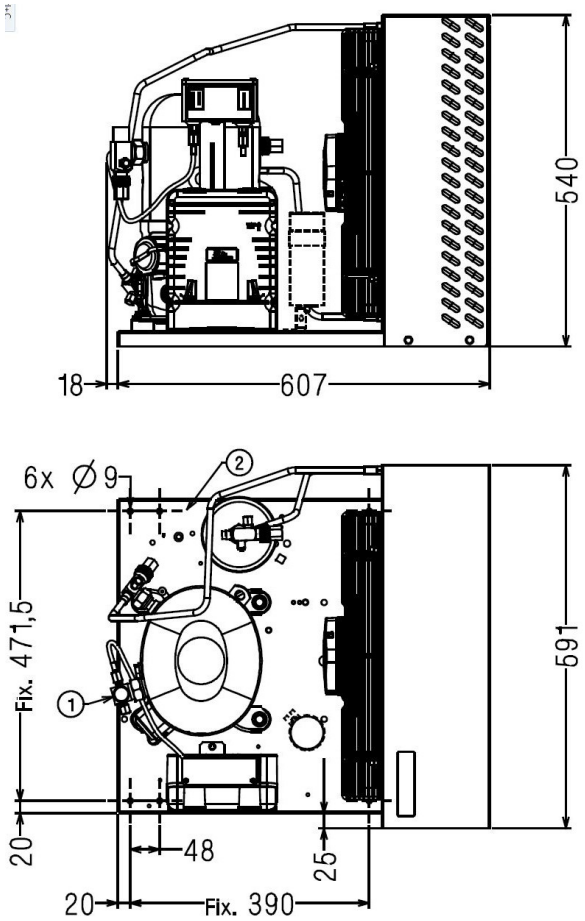
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT4524ZHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power
		Watts	BTU/h	ISO3745 / ISO 3743-1
EN13215 / R452A	50 Hz	5400	18412	80 dBA
EN13215 / R404A	50 Hz	5506	18777	80 dBA
EN13215 / R448A	50 Hz	5205	17748	80 dBA
EN13215 / R449A	50 Hz	5208	17759	80 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C T°Subcooling. 3.0K

Net Weight (Kg)	63.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	3900
Compo Data Sheet	226ET-F
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	11.8
Max Cont Current	20.7
Lock Rotor Amp	52
Fan	
Speed (rpm)	1360
Power (W)	280.0
Diameter (mm)	420
Protection	Overload
IP Level	IP54
Condenser	M420/15500
Liquid Receiver	
Capacity (L)	2.35
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.

FHT4524ZHR-FZ	Tension FZ : 220 - 240V 1~ 50 Hz

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°5969

5 | T ambiance	6 | T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 | P frigorifique	(Watt)	1725	2294	2933	3638	4398	5200	6026	6851	7652
	2 | P absorbée	(W)	1327	1493	1659	1829	2008	2200	2412	2647	2913
	3 | I absorbée	(A)	6.15	6.84	7.57	8.32	9.13	10.0	11.0	12.0	13.1
	4 | Tc	(°C)	27.0	29.0	31.1	33.4	35.9	38.6	41.6	44.9	48.5
32	1 | P frigorifique	(Watt)		1966	2561	3209	3905	4639	5400	6173	6946
	2 | P absorbée	(W)		1493	1679	1868	2063	2270	2493	2737	3008
	3 | I absorbée	(A)		6.82	7.63	8.48	9.37	10.3	11.3	12.4	13.5
	4 | Tc	(°C)		35.1	37.2	39.3	41.7	44.2	46.8	49.7	52.9
43	1 | P frigorifique	(Watt)			1955	2512	3105	3733	4397	5098	5843
	2 | P absorbée	(W)			1673	1898	2127	2363	2610	2872	3154
	3 | I absorbée	(A)			7.59	8.58	9.61	10.7	11.8	12.9	14.1
	4 | Tc	(°C)			46.9	48.9	50.9	53.0	55.1	57.4	59.7

50 Hz R404A

N°5158

5 | T ambiance	6 | T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 | P frigorifique	(Watt)	1879	2462	3111	3820	4577	5364	6162	6943	7681
	2 | P absorbée	(W)	1394	1563	1731	1902	2080	2270	2477	2706	2963
	3 | I absorbée	(A)	6.46	7.16	7.89	8.65	9.46	10.3	11.2	12.3	13.4
	4 | Tc	(°C)	29.9	31.8	33.9	36.2	38.6	41.3	44.2	47.4	50.8
32	1 | P frigorifique	(Watt)	1565	2117	2721	3371	4060	4776	5506	6234	6941
	2 | P absorbée	(W)	1378	1569	1757	1946	2141	2345	2563	2799	3059
	3 | I absorbée	(A)	6.36	7.16	7.98	8.83	9.71	10.6	11.6	12.7	13.8
	4 | Tc	(°C)	35.9	37.9	39.9	42.0	44.2	46.6	49.2	52.0	54.9
43	1 | P frigorifique	(Watt)			2086	2642	3225	3832	4461	5111	5784
	2 | P absorbée	(W)			1761	1986	2213	2445	2685	2938	3208
	3 | I absorbée	(A)			7.98	8.98	9.99	11.0	12.1	13.2	14.3
	4 | Tc	(°C)			49.2	51.2	53.1	55.1	57.1	59.2	61.4

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

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

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

FHT4524ZHR-FZ	Tension FZ : 220 - 240V 1~ 50 Hz

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°6949

5 | T ambiance	6 | T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 | P frigorifique	(Watt)	1454	1999	2617	3307	4065	4884	5752	6655	7574
	2 | P absorbée	(W)	1252	1411	1572	1740	1917	2110	2323	2561	2832
	3 | I absorbée	(A)	5.80	6.47	7.17	7.92	8.73	9.60	10.6	11.6	12.8
	4 | Tc	(°C)	27.3	29.3	31.4	33.7	36.3	39.0	42.1	45.4	49.0
32	1 | P frigorifique	(Watt)		1706	2283	2924	3627	4389	5205	6065	6961
	2 | P absorbée	(W)		1412	1593	1779	1975	2184	2411	2660	2938
	3 | I absorbée	(A)		6.45	7.24	8.08	8.96	9.91	10.9	12.0	13.2
	4 | Tc	(°C)		35.5	37.6	39.8	42.1	44.6	47.3	50.2	53.3
43	1 | P frigorifique	(Watt)			1747	2311	2928	3603	4338		
	2 | P absorbée	(W)			1589	1812	2043	2285	2539		
	3 | I absorbée	(A)			7.22	8.20	9.23	10.3	11.4		
	4 | Tc	(°C)			47.4	49.4	51.4	53.5	55.6		

50 Hz R449A (*)

N°5654

5 | T ambiance	6 | T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 | P frigorifique	(Watt)	1455	2000	2618	3308	4067	4887	5756	6660	7579
	2 | P absorbée	(W)	1252	1411	1572	1740	1917	2110	2323	2561	2832
	3 | I absorbée	(A)	5.80	6.47	7.17	7.92	8.73	9.60	10.6	11.6	12.8
	4 | Tc	(°C)	27.3	29.3	31.4	33.7	36.3	39.0	42.1	45.4	49.0
32	1 | P frigorifique	(Watt)		1706	2284	2926	3629	4392	5208	6069	6965
	2 | P absorbée	(W)		1412	1593	1779	1975	2184	2411	2660	2938
	3 | I absorbée	(A)		6.45	7.24	8.08	8.96	9.91	10.9	12.0	13.2
	4 | Tc	(°C)		35.5	37.6	39.8	42.1	44.6	47.3	50.2	53.3
43	1 | P frigorifique	(Watt)			1748	2312	2930	3604	4340		
	2 | P absorbée	(W)			1589	1812	2043	2285	2539		
	3 | I absorbée	(A)			7.22	8.20	9.23	10.3	11.4		
	4 | Tc	(°C)			47.3	49.3	51.4	53.4	55.6		

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambiant 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.

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

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