

Condensing unit

Voltage Code : FZ

FHT4522ZHR-FZ

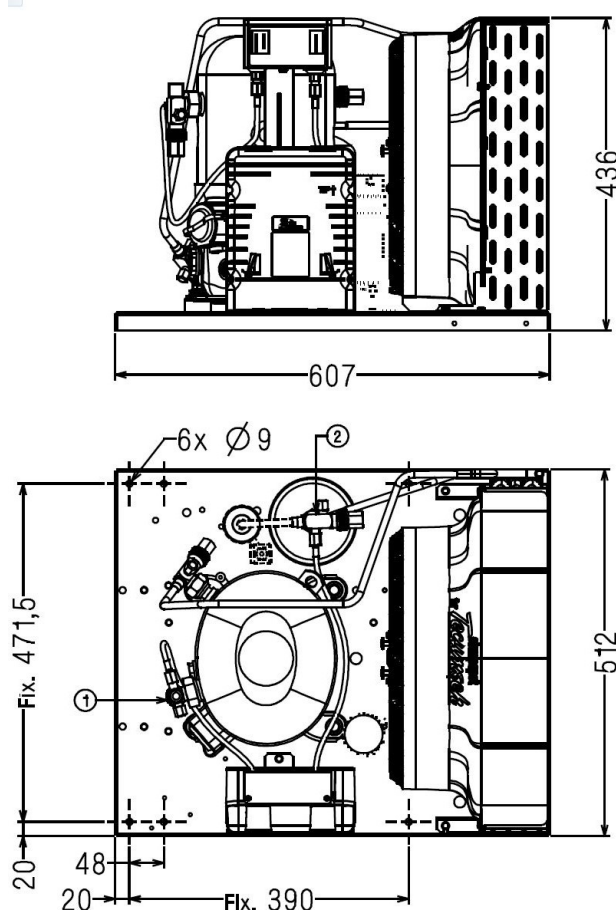
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT4522ZHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	4757	16223	73 dBA
EN13215 / R404A	50 Hz	4853	16548	73 dBA
EN13215 / R448A	50 Hz	4585	15633	73 dBA
EN13215 / R449A	50 Hz	4587	15642	73 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)	55.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650
Compo Data Sheet	226CT-F
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	10.8
Max Cont Current	17.1
Lock Rotor Amp	49
Fan	
Speed (rpm)	1350
Power (W)	90.0
Diameter (mm)	420
Protection	Overload
IP Level	IP44
Condenser	M350/9100
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 Connection Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

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

FHT4522ZHR-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°5967
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1560	2054	2620	3249	3928	4635	5341	6005	6580
	2 P absorbée	(W)	1043	1193	1344	1499	1662	1838	2034	2255	2507
	3 I absorbée	(A)	4.97	5.59	6.23	6.91	7.63	8.42	9.29	10.3	11.4
	4 Tc	(°C)	26.8	28.7	30.7	33.0	35.6	38.5	41.9	45.8	50.4
32	1 P frigorifique	(Watt)		1751	2269	2841	3458	4105	4757	5387	5958
	2 P absorbée	(W)		1189	1362	1537	1718	1908	2113	2337	2586
	3 I absorbée	(A)		5.56	6.28	7.03	7.82	8.67	9.57	10.6	11.7
	4 Tc	(°C)		34.8	36.9	39.0	41.4	44.1	47.1	50.6	54.5
43	1 P frigorifique	(Watt)			1727	2210	2731	3283	3856	4436	
	2 P absorbée	(W)			1343	1554	1766	1981	2203	2436	
	3 I absorbée	(A)			6.22	7.10	8.01	8.95	9.93	11.0	
	4 Tc	(°C)			46.6	48.6	50.7	53.0	55.4	58.1	

50 Hz R404A											
											N°5151
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1700	2206	2782	3416	4092	4786	5464	6085	6596
	2 P absorbée	(W)	1102	1255	1407	1562	1724	1899	2092	2307	2552
	3 I absorbée	(A)	5.25	5.87	6.52	7.20	7.92	8.70	9.56	10.5	11.6
	4 Tc	(°C)	29.7	31.6	33.6	35.8	38.3	41.2	44.5	48.2	52.6
32	1 P frigorifique	(Watt)	1419	1887	2412	2986	3598	4229	4853	5438	5944
	2 P absorbée	(W)	1078	1255	1430	1606	1786	1974	2175	2393	2633
	3 I absorbée	(A)	5.16	5.87	6.59	7.35	8.14	8.97	9.86	10.8	11.9
	4 Tc	(°C)	35.7	37.6	39.6	41.7	44.0	46.6	49.5	52.8	56.5
43	1 P frigorifique	(Watt)			1842	2324	2837	3370	3911	4443	4949
	2 P absorbée	(W)			1422	1633	1844	2056	2273	2498	2736
	3 I absorbée	(A)			6.57	7.45	8.35	9.28	10.2	11.3	12.3
	4 Tc	(°C)			49.0	50.9	52.9	55.0	57.3	59.8	62.7

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

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FHT4522ZHR-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 R448A (*)											
											N°6948
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1315	1788	2333	2947	3623	4346	5094	5838	6541
	2 P absorbée	(W)	976	1121	1268	1420	1583	1760	1957	2181	2438
	3 I absorbée	(A)	4.66	5.25	5.88	6.54	7.26	8.05	8.92	9.90	11.0
	4 Tc	(°C)	27.1	29.0	31.1	33.4	36.0	39.0	42.4	46.3	50.8
32	1 P frigorifique	(Watt)		1519	2021	2585	3208	3879	4585	5302	6003
	2 P absorbée	(W)		1119	1287	1460	1640	1832	2039	2268	2523
	3 I absorbée	(A)		5.24	5.93	6.67	7.46	8.31	9.23	10.2	11.4
	4 Tc	(°C)		35.2	37.3	39.5	41.9	44.6	47.6	51.0	55.0
43	1 P frigorifique	(Watt)			1544	2033	2575	3168	3808		
	2 P absorbée	(W)			1265	1474	1687	1906	2134		
	3 I absorbée	(A)			5.89	6.76	7.66	8.62	9.63		
	4 Tc	(°C)			47.1	49.1	51.2	53.4	55.9		

50 Hz R449A (*)											
											N°5652
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1316	1788	2334	2949	3625	4348	5096	5841	6545
	2 P absorbée	(W)	976	1121	1268	1420	1583	1760	1957	2181	2438
	3 I absorbée	(A)	4.66	5.25	5.88	6.54	7.26	8.05	8.92	9.90	11.0
	4 Tc	(°C)	27.1	29.0	31.1	33.4	36.0	39.0	42.4	46.3	50.8
32	1 P frigorifique	(Watt)		1520	2022	2586	3209	3881	4587	5305	6006
	2 P absorbée	(W)		1119	1287	1460	1640	1832	2039	2268	2523
	3 I absorbée	(A)		5.24	5.93	6.67	7.46	8.31	9.23	10.2	11.4
	4 Tc	(°C)		35.2	37.3	39.5	41.9	44.5	47.6	51.0	54.9
43	1 P frigorifique	(Watt)			1545	2034	2576	3170	3810		
	2 P absorbée	(W)			1265	1474	1687	1906	2134		
	3 I absorbée	(A)			5.89	6.76	7.66	8.62	9.63		
	4 Tc	(°C)			47.0	49.1	51.2	53.4	55.8		

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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