



tecumseh

FHT4524ZHR-XG

380-420V 3~ 50Hz

Condensing unit

3H73620234

HBP

R-452A / R-404A

Voltage Code : GB

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	3347	11412
R-404A	50HZ	3691	12586
R-448A	50HZ	3318	11313
R-449A	50HZ	3308	11280

(*) Operating conditions ARI_90F : Dew / T°Ambient 90°F / T°Evap 20°F / T°Return gas temp. 65°F / T°Subcooling 5°F

General

Condensing Unit Type	INDOOR
Family Condensing Unit	Standard Air Cooled Unit
Design Ambient Temp °C (°F)	43 (109)

Mechanical

Fan Qty	1
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Electrical

Current RLA 50Hz (A)	4.9
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Dimensions

Weight	60.5 kg (133 lb)
Length	643 mm (25.3 in)
Width	592 mm (23.3 in)
Height	540 mm (21.3 in)

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



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380-420V 3~ 50Hz

Performances are given at rating conditions ARI_90F
Conditions DEW

Return gas temp. : 65 °F
Subcooling : 5 °F

50HZ R-452A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7870	10185	12680	15311	18014	20718
	Power Input	(W)	1449	1674	1894	2110	2327	2550
	Amps	(A)	3.66	3.97	4.28	4.6	4.93	5.27
	Condensing	(°F)	109	114	118	123	128	134
100	Refrig. Capacity	(Btu/h)	6840	8984	11292	13737	16285	18898
	Power Input	(W)	1437	1684	1922	2155	2385	2615
	Amps	(A)	3.64	3.98	4.32	4.67	5.01	5.37
	Condensing	(°F)	117	121	126	130	135	140
115	Refrig. Capacity	(Btu/h)	5334	7227	9254	11421	13735	16215
	Power Input	(W)	1400	1681	1952	2211	2463	2708
	Amps	(A)	3.57	3.97	4.36	4.75	5.13	5.5
	Condensing	(°F)	130	133	137	141	144	148

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	8916	11315	13894	16583	19295	21928
	Power Input	(W)	1523	1737	1943	2144	2344	2548
	Amps	(A)	3.8	4.09	4.38	4.67	4.97	5.28
	Condensing	(°F)	104	109	113	118	123	129
100	Refrig. Capacity	(Btu/h)	7798	10006	12374	14858	17399	19933
	Power Input	(W)	1519	1754	1979	2196	2409	2620
	Amps	(A)	3.8	4.12	4.43	4.74	5.06	5.39
	Condensing	(°F)	113	117	121	125	130	135
115	Refrig. Capacity	(Btu/h)	6148	8073	10128	12303	14588	16977
	Power Input	(W)	1497	1765	2021	2264	2498	2723
	Amps	(A)	3.76	4.13	4.49	4.85	5.19	5.54
	Condensing	(°F)	126	129	133	136	140	144



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380-420V 3~ 50Hz

Performances are given at rating conditions ARI_90F
Conditions DEW

Return gas temp. : 65 °F
Subcooling : 5 °F

50HZ R-448A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7519	9971	12732	15786	19104	22642
	Power Input	(W)	1379	1587	1789	1990	2192	2399
	Amps	(A)	3.52	3.81	4.1	4.39	4.7	5.02
	Condensing	(°F)	108	111	115	120	125	130
100	Refrig. Capacity	(Btu/h)	6582	8860	11424	14271	17388	20752
	Power Input	(W)	1374	1602	1826	2045	2265	2486
	Amps	(A)	3.51	3.83	4.15	4.48	4.81	5.16
	Condensing	(°F)	116	120	123	127	132	137
115	Refrig. Capacity	(Btu/h)	5206	7236	9511	12048	14861	17957
	Power Input	(W)	1350	1613	1869	2120	2367	2612
	Amps	(A)	3.48	3.85	4.22	4.59	4.96	5.34
	Condensing	(°F)	129	132	135	139	143	147

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7503	9944	12691	15727	19021	22528
	Power Input	(W)	1379	1587	1791	1992	2196	2405
	Amps	(A)	3.52	3.81	4.1	4.39	4.7	5.03
	Condensing	(°F)	108	112	116	120	125	130
100	Refrig. Capacity	(Btu/h)	6564	8833	11384	14214	17310	20648
	Power Input	(W)	1373	1603	1827	2048	2268	2492
	Amps	(A)	3.51	3.83	4.15	4.48	4.81	5.16
	Condensing	(°F)	116	120	124	128	132	137
115	Refrig. Capacity	(Btu/h)	5188	7208	9472	11995	14791	17869
	Power Input	(W)	1350	1613	1870	2122	2370	2617
	Amps	(A)	3.48	3.85	4.22	4.59	4.97	5.35
	Condensing	(°F)	129	132	136	139	143	147

* Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.