



tecumseh

FHT2480ZBR-XG

380-420V 3~ 50Hz

Condensing unit

3H70020234

LBP

R-452A / R-404A

Voltage Code : GB

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	2189	7466
R-404A	50HZ	2474	8437
R-448A	50HZ	2110	7196
R-449A	50HZ	2105	7176

(*) Operating conditions ARI_90F : Dew / T°Ambient 90°F / T°Evap -10°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)	3.6
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Dimensions

Weight	48.4 kg (107 lb)
Length	607 mm (23.9 in)
Width	512 mm (20.2 in)
Height	436 mm (17.2 in)

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



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Performances are given at rating conditions ARI_90F
Conditions DEW

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

50HZ R-452A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	2501	3928	5588	7466	9548	11828
	Power Input	(W)	821	1041	1279	1540	1831	2156
	Amps	(A)	2.42	2.58	2.77	3	3.27	3.59
	Condensing	(°F)	99.8	103	108	114	120	126
100	Refrig. Capacity	(Btu/h)	1982	3345	4915	6681	8629	10756
	Power Input	(W)	778	1012	1264	1540	1845	2185
	Amps	(A)	2.37	2.55	2.76	3	3.28	3.61
	Condensing	(°F)	108	111	116	121	127	133
115	Refrig. Capacity	(Btu/h)	1242	2501	3933	5528	7275	9174
	Power Input	(W)	694	951	1225	1523	1851	2214
	Amps	(A)	2.25	2.47	2.71	2.97	3.28	3.62
	Condensing	(°F)	121	123	127	131	137	143

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50HZ R-404A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	3199	4719	6472	8437	10590	12923
	Power Input	(W)	919	1144	1385	1649	1940	2262
	Amps	(A)	2.66	2.8	2.98	3.2	3.46	3.77
	Condensing	(°F)	95.3	98.9	104	109	115	122
100	Refrig. Capacity	(Btu/h)	2650	4098	5751	7587	9587	11742
	Power Input	(W)	887	1126	1383	1661	1968	2307
	Amps	(A)	2.63	2.79	2.98	3.22	3.49	3.81
	Condensing	(°F)	104	107	112	117	123	129
115	Refrig. Capacity	(Btu/h)	1862	3195	4692	6333	8101	9995
	Power Input	(W)	821	1083	1362	1664	1995	2360
	Amps	(A)	2.56	2.75	2.97	3.22	3.52	3.85
	Condensing	(°F)	117	119	123	128	133	139



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Performances are given at rating conditions ARI_90F
Conditions DEW

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

50HZ R-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	2123	3518	5206	7196	9494	12100
	Power Input	(W)	759	970	1197	1445	1719	2024
	Amps	(A)	2.25	2.42	2.61	2.84	3.1	3.41
	Condensing	(°F)	99.4	102	106	111	116	122
100	Refrig. Capacity	(Btu/h)	1639	2973	4578	6468	8649	11122
	Power Input	(W)	715	940	1183	1447	1737	2060
	Amps	(A)	2.19	2.38	2.59	2.84	3.11	3.43
	Condensing	(°F)	108	111	114	118	123	129
115	Refrig. Capacity	(Btu/h)		2184	3662	5399	7403	9677
	Power Input	(W)		877	1143	1432	1748	2097
	Amps	(A)		2.29	2.54	2.81	3.12	3.46
	Condensing	(°F)		123	126	130	134	139

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50HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	2120	3513	5194	7176	9462	12051
	Power Input	(W)	759	970	1197	1445	1720	2027
	Amps	(A)	2.25	2.42	2.61	2.84	3.1	3.41
	Condensing	(°F)	99.5	102	106	111	116	122
100	Refrig. Capacity	(Btu/h)	1636	2968	4567	6449	8617	11074
	Power Input	(W)	714	940	1182	1447	1738	2061
	Amps	(A)	2.19	2.38	2.59	2.83	3.11	3.43
	Condensing	(°F)	108	111	114	119	124	129
115	Refrig. Capacity	(Btu/h)		2177	3651	5380	7370	9627
	Power Input	(W)		876	1142	1431	1748	2098
	Amps	(A)		2.29	2.54	2.81	3.12	3.46
	Condensing	(°F)		123	126	130	134	140

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