



tecumseh

FHT4538ZHR-XC

220 - 240V 1~ 50 Hz

Condensing unit

3H33930234

HBP

R-452A / R-404A

Voltage Code : XC

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	5377	18337
R-404A	50HZ	5751	19612
R-448A	50HZ	5319	18138
R-449A	50HZ	5307	18095

(*) 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)	17.4
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Dimensions

Weight	64.7 kg (143 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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220 - 240V 1~ 50 Hz

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)	13060	16522	20201	24055	28034	32083
	Power Input	(W)	2364	2677	2997	3330	3683	4061
	Amps	(A)	11.5	12.8	14.3	15.8	17.4	19.1
	Condensing	(°F)	113	117	121	126	131	136
100	Refrig. Capacity	(Btu/h)	11667	14886	18260	21757	25338	28964
	Power Input	(W)	2390	2731	3077	3434	3809	4208
	Amps	(A)	11.6	13.1	14.6	16.3	18	19.8
	Condensing	(°F)	121	125	129	133	138	142
115	Refrig. Capacity	(Btu/h)	9567	12410	15321	18285	21287	24336
	Power Input	(W)	2405	2791	3180	3577	3988	4422
	Amps	(A)	11.5	13.2	15	16.8	18.7	20.7
	Condensing	(°F)	133	137	140	144	148	152

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	14317	17789	21482	25332	29258	33172
	Power Input	(W)	2400	2684	2974	3274	3589	3927
	Amps	(A)	11.7	12.9	14.2	15.6	17.1	18.6
	Condensing	(°F)	108	112	116	121	126	131
100	Refrig. Capacity	(Btu/h)	12862	16057	19407	22856	26337	29780
	Power Input	(W)	2444	2752	3065	3388	3726	4086
	Amps	(A)	11.9	13.2	14.7	16.2	17.7	19.3
	Condensing	(°F)	116	120	124	128	133	138
115	Refrig. Capacity	(Btu/h)	10640	13410	16240	19092	21925	24715
	Power Input	(W)	2496	2842	3192	3552	3925	4318
	Amps	(A)	12.1	13.6	15.2	16.8	18.6	20.3
	Condensing	(°F)	129	132	136	140	144	149



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FHT4538ZHR-XC

220 - 240V 1~ 50 Hz

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)	12468	16147	20231	24718	29594	34838
	Power Input	(W)	2237	2522	2818	3129	3461	3818
	Amps	(A)	10.8	12.1	13.4	14.9	16.4	18
	Condensing	(°F)	112	115	119	123	127	132
100	Refrig. Capacity	(Btu/h)	11225	14679	18485	22644	27150	31987
	Power Input	(W)	2275	2587	2909	3247	3606	3991
	Amps	(A)	11	12.4	13.9	15.4	17.1	18.8
	Condensing	(°F)	120	123	127	131	135	139
115	Refrig. Capacity	(Btu/h)	9356	12464	15843	19506	23453	27683
	Power Input	(W)	2316	2671	3036	3418	3820	4249
	Amps	(A)	11.1	12.7	14.4	16.1	18	19.9
	Condensing	(°F)	133	135	139	142	146	150

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	12447	16113	20178	24640	29482	34685
	Power Input	(W)	2237	2523	2821	3134	3468	3829
	Amps	(A)	10.9	12.1	13.5	14.9	16.4	18.1
	Condensing	(°F)	112	115	119	123	128	133
100	Refrig. Capacity	(Btu/h)	11203	14644	18430	22563	27034	31829
	Power Input	(W)	2276	2588	2912	3253	3614	4002
	Amps	(A)	11	12.4	13.9	15.4	17.1	18.8
	Condensing	(°F)	120	123	127	131	135	140
115	Refrig. Capacity	(Btu/h)	9332	12427	15787	19422	23333	27520
	Power Input	(W)	2317	2672	3039	3423	3828	4260
	Amps	(A)	11.1	12.7	14.4	16.2	18	20
	Condensing	(°F)	133	136	139	142	146	151

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