

Condensing unit

3H80030218

HBP

R-134a / R-513A

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-134a	50HZ / 60HZ	3685 / 4107	12565 / 14005
R-513A	50HZ	4507	15368

(*) 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)	5
Current RLA 60Hz (A)	5.15

Dimensions

Weight	74 kg (163 lb)
Length	685 mm (27 in)
Width	591 mm (23.3 in)
Height	555 mm (21.9 in)
Ø Suction Tube	7/8 in (22.2mm)
Ø Discharge Tube	3/8 in (9.52mm)

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



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TAGT4528YHR-TZ

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI_90F
Conditions DEW

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

50HZ R-134a

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7266	10658	14579	18842	23271	27710
	Power Input	(W)	1493	1770	2052	2356	2699	3098
	Amps	(A)	4.24	4.52	4.83	5.19	5.63	6.18
	Condensing	(°F)	102	107	112	118	125	131
100	Refrig. Capacity	(Btu/h)	6535	9643	13277	17266	21458	25722
	Power Input	(W)	1498	1790	2092	2419	2785	3207
	Amps	(A)	4.25	4.54	4.87	5.27	5.74	6.31
	Condensing	(°F)	112	116	121	127	132	138
115	Refrig. Capacity	(Btu/h)	5432	8119	11324	14907	18746	22749
	Power Input	(W)	1504	1819	2151	2513	2915	3369
	Amps	(A)	4.25	4.57	4.94	5.38	5.9	6.52
	Condensing	(°F)	126	130	134	139	143	148

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60HZ R-134a

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7610	11679	16502	21939	27871	34203
	Power Input	(W)	1697	2066	2450	2870	3349	3908
	Amps	(A)	4.49	4.82	5.23	5.71	6.32	7.07
	Condensing	(°F)	108	112	118	123	129	136
100	Refrig. Capacity	(Btu/h)	6718	10429	14891	19988	25625	31736
	Power Input	(W)	1702	2090	2499	2949	3459	4048
	Amps	(A)	4.49	4.85	5.27	5.79	6.43	7.22
	Condensing	(°F)	118	122	127	132	137	143
115	Refrig. Capacity	(Btu/h)	5380	8553	12475	17063	22258	28040
	Power Input	(W)	1710	2125	2572	3067	3624	4258
	Amps	(A)	4.5	4.88	5.34	5.91	6.61	7.45
	Condensing	(°F)	132	136	140	144	149	153



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TAGT4528YHR-TZ

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI_90F
Conditions DEW

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

50HZ R-513A

Ambient	Evaporating	(°F)	-15	-5	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	5341	7871	10666	13736	17059	20595	24291	28091
	Power Input	(W)	859	1189	1491	1779	2073	2392	2756	3187
	Amps	(A)	3.58	3.85	4.12	4.4	4.71	5.07	5.51	6.06
	Condensing	(°F)	95.4	98.4	102	107	112	118	125	131
100	Refrig. Capacity	(Btu/h)	4240	6690	9340	12223	15337	18666	22179	25844
	Power Input	(W)	842	1174	1487	1793	2110	2455	2848	3304
	Amps	(A)	3.58	3.85	4.13	4.42	4.75	5.15	5.62	6.19
	Condensing	(°F)	105	108	112	116	121	127	132	138
115	Refrig. Capacity	(Btu/h)		4879	7357	9993	12820	15853	19099	22561
	Power Input	(W)		1152	1481	1815	2167	2552	2986	3481
	Amps	(A)		3.84	4.13	4.45	4.82	5.26	5.78	6.4
	Condensing	(°F)		123	126	130	134	139	143	148

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