



tecumseh

SILAJ4476N-FZ

220 - 240V 1~ 50 Hz

Condensing unit

HSL4476N-FZ0F6HA

HBP

R-134a / R-1234yf / R-513A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-1234yf	50HZ	1146	3907
R-134a	50HZ	1196	4079
R-513A	50HZ	1237	4218

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



*Non-contractual picture

General

Condensing Unit Type	OUTDOOR
Family Condensing Unit	Silensys
Design Ambient Temp °C (°F)	+43°C / +110°F
Evaporating Temp. Range	-25°C to 15°C (-13°F to 59°F)

Mechanical

Fan Diameter	300 mm
Fan Qty	1
Fan Technology	AC/PSC Technology
Condenser Technology	Fin and Tube
Condensing Unit IP	IPX4

Electrical

Current RLA 50Hz (A)	5.38
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Dimensions

Weight	65 kg (143 lb)
Length	942 mm (37.1 in)
Width	652 mm (25.7 in)
Height	710 mm (28 in)
Ø Suction Tube	1/2 in (12.7mm)
Ø Discharge Tube	1/4 in (6.35mm)

Certificates



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-1234yf

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	2712	3485	4353	5314	6363	7493
	Power Input	(W)	529	596	665	737	812	889
	Amps	(A)	3.81	4.03	4.28	4.55	4.85	5.18
	Condensing	(°F)	102	105	109	113	117	122
100	Refrig. Capacity	(Btu/h)	2430	3153	3958	4842	5799	6822
	Power Input	(W)	534	609	686	766	850	937
	Amps	(A)	3.81	4.07	4.36	4.66	4.99	5.35
	Condensing	(°F)	111	114	118	122	126	131
115	Refrig. Capacity	(Btu/h)	2012	2661	3370	4138	4957	5819
	Power Input	(W)	529	617	708	802	900	1002
	Amps	(A)	3.78	4.1	4.44	4.79	5.17	5.58
	Condensing	(°F)	124	127	131	135	139	143

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50HZ R-134a

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	2714	3593	4599	5737	7007	8409
	Power Input	(W)	527	591	658	729	808	897
	Amps	(A)	4.06	4.24	4.45	4.7	4.99	5.32
	Condensing	(°F)	99.3	102	106	110	114	119
100	Refrig. Capacity	(Btu/h)	2417	3247	4192	5255	6437	7736
	Power Input	(W)	529	603	678	758	845	942
	Amps	(A)	4.03	4.26	4.51	4.79	5.11	5.47
	Condensing	(°F)	108	111	115	119	123	127
115	Refrig. Capacity	(Btu/h)	1961	2717	3568	4518	5567	6714
	Power Input	(W)	521	611	701	796	898	1010
	Amps	(A)	4	4.28	4.58	4.92	5.29	5.71
	Condensing	(°F)	122	125	128	131	135	140



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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)	1455	2119	2880	3745	4718	5800	6988	8278
	Power Input	(W)	400	472	542	612	685	762	846	939
	Amps	(A)	3.39	3.6	3.83	4.07	4.34	4.64	4.97	5.34
	Condensing	(°F)	95.5	98	101	104	108	112	116	121
100	Refrig. Capacity	(Btu/h)	1187	1829	2553	3366	4273	5273	6364	7543
	Power Input	(W)	385	466	546	626	707	794	887	989
	Amps	(A)	3.3	3.56	3.83	4.11	4.42	4.76	5.13	5.53
	Condensing	(°F)	105	107	110	113	117	120	125	129
115	Refrig. Capacity	(Btu/h)		1388	2054	2788	3594	4472	5420	6432
	Power Input	(W)		444	539	635	732	833	942	1059
	Amps	(A)		3.48	3.81	4.16	4.52	4.92	5.34	5.8
	Condensing	(°F)		121	123	126	129	133	137	142

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