WINAJ4517Z-FZ

220 - 240V 1~ 50 Hz

Condensing unit — HWN4517Z-FZ0F6HA

HBP — R-404A / R-448A / R-449A / R-452A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	2444	8334
R-404A	50HZ	2540	8662
R-448A	50HZ	2266	7728
R-449A	50HZ	2267	7731

(*) 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	Wintsys
Design Ambient Temp °C (°F)	+43°C / +110°F
Evaporating Temp. Range	-15°C to 15°C (5°F to 59°F)

Mechanical

Fan Diameter	360 mm
Fan Qty	1
Fan Technology	AC/PSC Technology
Condenser Technology	Fin and Tube
Condensing Unit IP	IPX4

Electrical

Current RLA 50Hz (A)	7.9

Dimensions

Weight	66 kg (146 lb)
Length	940 mm (37 in)
Width	655 mm (25.8 in)
Height	710 mm (28 in)
Ø Suction Tube	5/8 in (15.9mm)
Ø Discharge Tube	3/8 in (9.52mm)

Certificates

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

WINAJ4517Z-FZ

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)	6035	7530	9177	10978	12938	15070
	Power Input	(W)	1012	1131	1257	1394	1543	1706
	Amps	(A)	5.16	5.69	6.27	6.9	7.58	8.3
	Condensing	(°F)	106	109	113	117	120	124
100	Refrig. Capacity	(Btu/h)	5429	6798	8292	9914	11675	13596
	Power Input	(W)	1034	1165	1302	1449	1607	1779
	Amps	(A)	5.26	5.84	6.46	7.13	7.84	8.6
	Condensing	(°F)	115	118	121	125	128	132
115	Refrig. Capacity	(Btu/h)	4509	5690	6953	8309	9776	11387
	Power Input	(W)	1053	1205	1361	1526	1701	1888
	Amps	(A)	5.31	5.96	6.65	7.38	8.16	8.98
	Condensing	(°F)	127	130	133	137	140	143

50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	6382	7869	9488	11236	13113	15127
	Power Input	(W)	1060	1178	1303	1436	1581	1739
	Amps	(A)	5.41	5.93	6.5	7.11	7.77	8.47
	Condensing	(°F)	105	108	112	116	119	123
100	Refrig. Capacity	(Btu/h)	5745	7101	8560	10122	11793	13589
	Power Input	(W)	1086	1216	1351	1494	1648	1813
	Amps	(A)	5.53	6.1	6.71	7.36	8.05	8.78
	Condensing	(°F)	113	117	120	124	127	131
115	Refrig. Capacity	(Btu/h)	4785	5945	7166	8454	9824	11306
	Power Input	(W)	1113	1263	1416	1576	1745	1924
	Amps	(A)	5.62	6.26	6.94	7.65	8.39	9.17
	Condensing	(°F)	126	129	132	136	139	142

WINAJ4517Z-FZ

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)	5421	6914	8591	10464	12551	14874
	Power Input	(W)	962	1079	1206	1343	1493	1658
	Amps	(A)	4.9	5.43	6.01	6.64	7.32	8.05
	Condensing	(°F)	109	112	115	119	123	127
100	Refrig. Capacity	(Btu/h)	4890	6276	7823	9546	11465	13610
	Power Input	(W)	983	1113	1252	1401	1562	1737
	Amps	(A)	4.99	5.57	6.19	6.87	7.6	8.37
	Condensing	(°F)	117	120	124	127	131	134
115	Refrig. Capacity	(Btu/h)	4098	5329	6684	8186	9859	11741
	Power Input	(W)	1002	1154	1313	1482	1663	1856
	Amps	(A)	5.04	5.69	6.39	7.14	7.94	8.79
	Condensing	(°F)	130	133	136	139	143	146

50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	5422	6916	8593	10468	12556	14881
	Power Input	(W)	962	1079	1206	1343	1493	1658
	Amps	(A)	4.9	5.43	6.01	6.64	7.32	8.05
	Condensing	(°F)	109	112	115	119	123	127
100	Refrig. Capacity	(Btu/h)	4891	6278	7825	9549	11471	13618
	Power Input	(W)	983	1113	1252	1401	1562	1737
	Amps	(A)	4.99	5.57	6.19	6.87	7.6	8.37
	Condensing	(°F)	117	120	124	127	131	134
115	Refrig. Capacity	(Btu/h)	4100	5331	6688	8190	9865	11750
	Power Input	(W)	1002	1154	1313	1482	1663	1856
	Amps	(A)	5.04	5.69	6.39	7.14	7.94	8.79
	Condensing	(°F)	130	133	136	139	143	146

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