



tecumseh

TCW360U-GS8A

220V 1~ 50 Hz / 60 Hz

Compressor

L-MBP

R-290

Voltage Code : GS

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-290	50HZ / 60HZ	93.5 / 112	319 / 380	

(*) Operating conditions EN12900 : Dew / T°Cond. 40°C / T°Evap -35°C / T°Return gas temp. 20°C / T°Subcooling 0K



*Non-contractual picture

Dimensions

Weight	8.4 kg (19 lb)
Length	248 mm (9.8 in)
Width	167 mm (6.6 in)
Height	179 mm (7 in)
Ø Suction Tube	5/16 in (7.93mm)
Ø Discharge Tube	1/4 in (6.35mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	3.14
Horse Power	1/5
Compressor Cooling	Fan
Evaporating Temp. Range	-35°C to -5°C (-31°F to 23°F)
Expansion Device	Capillary Tube
Oil Type	P.O.E 10
Oil Charge (cc)	174

Electrical

Motor Type	CSIR
Main Winding (Ohm)	10.72
Start Winding (Ohm)	17.25
Current RLA 50Hz (A)	1.13
Current RLA 60Hz (A)	0.94
Current MCC (A)	1.48
Current LRA (A)	14.5
Start Capacitor	72-88 µF / 250 V
Overload	External
Current Relay	9660C-3018-111
- Pick Up / Drop Out	3 A / 2.56 A

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



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TCW360U-GS8A

220V 1~ 50 Hz / 60 Hz

Performances are given at rating conditions EN12900
Conditions DEW

Return gas temp. : 20 °C
Subcooling : 0 K

50HZ R-290

Condensing	Evaporating (°C)	-35	-30	-25	-20	-15	-10	-5	0	5
30	Refrig. Capacity (Watt)	118	151	190	235	287	346	412	487	569
	Power Input (W)	81.3	87.3	92.8	97.9	102	107	110	114	117
	Amps (A)	1.1	1.1	1.11	1.12	1.13	1.14	1.14	1.14	1.13
40	Refrig. Capacity (Watt)	93.5	119	150	185	226	273	327	387	454
	Power Input (W)	84.5	92.1	99.1	106	112	117	123	127	132
	Amps (A)	1.1	1.11	1.12	1.13	1.15	1.16	1.17	1.17	1.17
50	Refrig. Capacity (Watt)	69.6	89.7	113	141	173	210	252	299	353
	Power Input (W)	84.7	94.4	104	112	120	128	135	142	148
	Amps (A)	1.1	1.11	1.12	1.14	1.16	1.18	1.19	1.21	1.21
60	Refrig. Capacity (Watt)			79.7	101	125	154	186	223	265
	Power Input (W)			107	119	129	140	150	159	168
	Amps (A)			1.13	1.15	1.17	1.2	1.22	1.24	1.26

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60HZ R-290

Condensing	Evaporating (°C)	-35	-30	-25	-20	-15	-10	-5	0	5
30	Refrig. Capacity (Watt)	144	182	228	281	342	413	494	585	687
	Power Input (W)	83.8	91.9	99.7	107	113	118	121	123	123
	Amps (A)	0.85	0.87	0.89	0.91	0.93	0.94	0.95	0.96	0.96
40	Refrig. Capacity (Watt)	112	142	178	221	270	327	391	464	547
	Power Input (W)	86	95.3	105	114	123	130	137	143	147
	Amps (A)	0.85	0.87	0.9	0.92	0.95	0.97	1	1.02	1.04
50	Refrig. Capacity (Watt)	80.1	105	133	166	204	248	299	356	421
	Power Input (W)	88.1	98.4	109	120	131	141	151	160	168
	Amps (A)	0.86	0.88	0.91	0.94	0.97	1.01	1.05	1.08	1.11
60	Refrig. Capacity (Watt)			94.3	119	148	181	219	263	312
	Power Input (W)			112	125	137	150	163	175	187
	Amps (A)			0.92	0.95	0.99	1.04	1.08	1.13	1.18