

General

AGB5561EKZ

Model AGB5561EKZ Unit of Measure Celsius
Condition Tecumseh Europe(R-22) Voltage/Frequency 220V 3~ 50HZ
RETURN GAS -6.7°C (20°F) SUPERHEAT Motor Type 3PH

Performance Information

EVAP TEMP (°C)	Condensing Temperature (°C)							
	30	35	40	45	50	55	60	65
-25	Watts (Capacity) 5070 4500							
	Watts (Power) 2630 2480							
	Amps 17.1 16.3							
-23.3	Watts (Capacity) 5410 4800 4260							
	Watts (Power) 2690 2560 2440							
	Amps 16.9 16.2 15.5							
-20	Watts (Capacity) 6240 5570 4960 4400 3870							
	Watts (Power) 2820 2730 2650 2570 2500							
	Amps 16.5 16.0 15.6 15.1 14.6							
-15	Watts (Capacity) 7940 7150 6420 5750 5110 4490							
	Watts (Power) 3010 2990 2970 2950 2930 2920							
	Amps 16.1 15.9 15.7 15.5 15.2 15.0							
-10	Watts (Capacity) 10200 9240 8380 7580 6810 6060 5310							
	Watts (Power) 3210 3250 3290 3330 3370 3420 3470							
	Amps 15.8 15.9 15.9 15.9 16.0 16.0 16.1							
-6.7	Watts (Capacity) 11900 10900 9940 9040 8170 7330 6490 5630							
	Watts (Power) 3350 3420 3500 3580 3660 3750 3830 3910							
	Amps 15.7 15.9 16.1 16.3 16.5 16.7 16.9 17.1							
-5	Watts (Capacity) 12900 11800 10800 9870 8960 8060 7160 6250							
	Watts (Power) 3420 3510 3610 3710 3810 3910 4020 4120							
	Amps 15.7 15.9 16.2 16.5 16.8 17.0 17.3 17.6							
0	Watts (Capacity) 16200 15000 13800 12600 11600 10500 9430 8360							
	Watts (Power) 3630 3780 3930 4090 4250 4410 4560 4720							
	Amps 15.7 16.1 16.6 17.1 17.6 18.1 18.6 19.1							
5	Watts (Capacity) 20100 18600 17200 15900 14600 13300 12100 10900							
	Watts (Power) 3840 4050 4260 4470 4680 4890 5110 5320							
	Amps 15.8 16.5 17.2 17.9 18.6 19.2 19.9 20.6							
7.2	Watts (Capacity) 21900 20400 18900 17500 16100 14700 13400 12100							
	Watts (Power) 3940 4170 4400 4630 4870 5110 5340 5580							
	Amps 15.9 16.7 17.4 18.2 19.0 19.8 20.5 21.3							
10	Watts (Capacity) 24400 22700 21100 19600 18100 16600 15200 13700							
	Watts (Power) 4060 4320 4580 4850 5110 5380 5640 5910							
	Amps 16.0 16.9 17.8 18.7 19.6 20.4 21.3 22.2							
15	Watts (Capacity) 29300 27400 25600 23800 22100 20400 18700 17000							
	Watts (Power) 4290 4600 4910 5230 5550 5860 6180 6490							
	Amps 16.4 17.5 18.6 19.6 20.6 21.7 22.7 23.8							

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	2.641038E+04	2.883212E+03	1.246637E+01	
C2	9.523205E+02	-2.530567E+01	-2.532957E-01	
C3	-4.375668E+02	1.868278E+01	1.142183E-01	
C4	1.312761E+01	3.191194E-01	4.613208E-03	
C5	-8.330832E+00	2.293112E+00	9.011198E-03	
C6	3.973589E+00	2.508777E-01	-3.375830E-04	
C7	-4.000000E-16	-2.000000E-16	0.000000E+00	
C8	-8.217513E-02	-6.889335E-03	-6.317380E-05	
C9	1.160000E-02	-9.320000E-04	-6.880000E-06	
C10	-2.330000E-02	-1.590000E-03	2.270000E-06	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature