Tecumseh

Performance Data Sheet

AHC2466ZKZ

General

Model	AHC2466ZKZ	**Unit of Measure**	Celsius
Condition	EN12900	**Voltage/Frequency**	220V 3~ 50HZ
RETURN GAS	20°C (68°F) RETURN GAS	**MotorType**	

Performance Information

EVAP TEMP (°C)		Condensing Temperature (°C)							
		30	35	40	45	50	55	60	65
-40	Watts (Capacity)	1050	886	719	554	393	235	82.0	
	Watts (Power)	986	940	884	813	722	605	456	270
	Amps	3.69	3.59	3.46	3.33	3.20	3.06	2.94	2.83
-35	Watts (Capacity)	1500	1310	1130	939	757	578	403	234
	Watts (Power)	1210	1180	1150	1100	1040	961	854	715
	Amps	4.13	4.08	4.02	3.94	3.85	3.77	3.70	3.64
-30	Watts (Capacity)	2020	1800	1590	1370	1160	958	757	560
	Watts (Power)	1430	1410	1400	1380	1350	1300	1240	1140
	Amps	4.60	4.60	4.58	4.56	4.52	4.49	4.47	4.47
-25	Watts (Capacity)	2610	2360	2110	1860	1620	1380	1150	917
	Watts (Power)	1640	1640	1650	1650	1650	1630	1600	1550
	Amps	5.08	5.13	5.17	5.19	5.21	5.23	5.25	5.29
-23.3	Watts (Capacity)	2820	2560	2300	2050	1790	1540	1290	1050
	Watts (Power)	1720	1720	1730	1740	1740	1740	1730	1690
	Amps	5.25	5.32	5.37	5.41	5.44	5.48	5.52	5.57
-20	Watts (Capacity)	3270	2990	2700	2420	2130	1850	1580	1310
	Watts (Power)	1860	1870	1890	1910	1930	1950	1960	1950
	Amps	5.59	5.69	5.77	5.84	5.90	5.97	6.04	6.12
-15	Watts (Capacity)	4030	3700	3360	3030	2710	2380	2060	1750
	Watts (Power)	2070	2090	2120	2170	2220	2260	2300	2330
	Amps	6.11	6.26	6.39	6.50	6.61	6.72	6.83	6.96
-10	Watts (Capacity)	4870	4490	4100	3720	3340	2970	2600	2230
	Watts (Power)	2290	2310	2360	2420	2490	2570	2640	2700
	Amps	6.66	6.85	7.02	7.18	7.33	7.48	7.63	7.80

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	9.829800E+03	3.472352E+03	5.405604E+00	
C2	2.971960E+02	6.364748E+01	7.306508E-02	
C3	-9.710850E+01	-5.903539E+01	1.123325E-01	
C4	2.857380E+00	3.648975E-01	6.977930E-04	
C5	-2.611870E+00	-1.195293E+00	1.624413E-03	
C6	-1.084090E-01	1.366362E+00	-1.323037E-03	
C7	7.289000E-03	2.313615E-03	0.000000E+00	
C8	-2.428540E-02	-7.338219E-03	-9.137870E-06	
C9	-5.480170E-04	2.005037E-02	-1.840000E-06	
C10	1.090310E-03	-7.222477E-03	8.670000E-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