Tecumseh

Performance Data Sheet

AJ5518E-CZ3C

General

Model	AJ5518E-CZ3C	**Unit of Measure**	Celsius
Condition	Tecumseh Europe(R-22)	**Voltage/Frequency**	208V~50HZ
RETURN GAS	10K (18°F) SUPERHEAT	**MotorType**	PSC

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	8.119946E+03	1.277287E+03	7.099940E+00	
C2	2.600489E+02	-2.186371E+01	-1.711616E-01	
C3	-1.176916E+02	2.575186E+00	7.688895E-02	
C4	3.750196E+00	2.234235E-01	2.553360E-03	
C5	-2.524605E+00	9.291496E-01	5.097051E-03	
C6	8.526495E-01	-3.858700E-04	1.950829E-01	
C7	-4.000000E-16	0.000000E+00	-3.000000E-16	
C8	-3.285462E-02	-6.005170E-05	-1.062329E-02	
C9	6.820000E-03	-4.610000E-06	-1.240000E-03	
C10	-4.960000E-03	2.480000E-06	-1.200000E-03	

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

Performance Data Sheet

AJ5518E-CZ3C

General

Model	AJ5518E-CZ3C	**Unit of Measure**	Celsius
Condition	Tecumseh Europe(R-22)	**Voltage/Frequency**	230V~60HZ
RETURN GAS	10K (18°F) SUPERHEAT	**MotorType**	PSC

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	9.616307E+03	1.506725E+03	6.704069E+00	
C2	2.968943E+02	-2.135965E+01	-1.029595E-01	
C3	-1.392758E+02	3.550893E+00	6.990885E-02	
C4	4.097963E+00	1.371325E-02	-3.278960E-04	
C5	-2.878758E+00	1.156808E+00	5.161410E-03	
C6	1.007420E+00	-3.238550E-04	2.221371E-01	
C7	-6.000000E-16	0.000000E+00	-3.000000E-16	
C8	-3.631099E-02	-2.037130E-05	-9.740170E-03	
C9	8.020000E-03	-4.170000E-06	-1.520000E-03	
C10	-5.860000E-03	2.100000E-06	-1.360000E-03	

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