Tecumseh

Performance Data Sheet

THK1340YCF

General

Model	THK1340YCF	**Unit of Measure**	Fahrenheit
Condition	ASHRAE	**Voltage/Frequency**	230V~50HZ
RETURN GAS	32.2°C (90°F) RETURN GAS	**MotorType**	PTCS_IR

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.323828E+03	-3.082127E+02	6.431682E-01	-1.002848E+01
C2	2.883349E+01	-1.906266E+00	-1.749218E-04	3.540203E-01
C3	-1.667727E+01	1.009982E+01	1.546627E-03	4.688167E-01
C4	1.518995E-01	-2.834020E-02	2.008983E-05	3.310220E-03
C5	-1.995064E-01	4.946681E-02	3.534717E-05	-2.244158E-03
C6	1.247567E-01	-8.316267E-02	-3.389770E-06	-4.145452E-03
C7	-5.980325E-04	-6.927068E-04	1.113929E-06	-2.609412E-07
C8	-2.535514E-04	9.060731E-05	1.564723E-07	-1.427270E-05
C9	6.875057E-04	-1.831402E-04	-1.144718E-07	7.067329E-06
C10	-3.557133E-04	2.341258E-04	7.350719E-09	1.146667E-05

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