

Currently Active System: **EL1 Sys1 (PSZ) (G.S1)**

System Type: Residential System 2

**Basics** | Fans | Outdoor Air | Cooling | Heating | Preconditioner | Meters | Refrigeration

Coil Capacity / Control | Unitary Power | Condenser | Capacity Curves | Evaporative Cooling | Economizer | Staged-Volume

**Cooling Power**Cooling Electric Input Ratio: **0.3457** Btu/Btu**Cooling Compressor**Compressor Type: **n/a**Minimum Unload Ratio: **0.00** ratioMin Hot Gas Bypass Ratio: **0.00** ratio**Crankcase Power**Crankcase Heat: **0.050** kWCrankcase Max Temperature: **50.0** °F**Performance Curves**

Electric Input Ratio

Low Speed Electric Input Ratio

f(t entering wetbulb,  
t enter condenser): **RESYS-Cool-EIR-fEWB&OAT**f(part load ratio): **TypicalCyclingAC-EIR-fPLR**f(RPM): **n/a**f(t entering wetbulb,  
t outdoor drybulb): **n/a****Gas Heat Pump Auxiliary Electric**Gas HP Pump kW: **n/a** W/BtuGas HP Aux kW: **n/a** kW

Done

### Performance Curve Properties

Currently Active Curve: RES-SYS-Cool-EIR-fEWB&OAT

Type: Bi-Quadratic in T

Basic Specifications

Data Points

Curve Name: RES-SYS-Cool-EIR-fEWB&OAT

Curve Type: Bi-Quadratic in T

Minimum Output: -1,000,000.00

Input Type: Curve Coefficients

Maximum Output: 1,000,000.00

Curve Formula:  $Z = a + bX + cX^2 + dY + eY^2 + fXY$

Where: a = -0.96177870 b = 0.04817751 c = -0.00023110

d = 0.00324392 e = 0.00014876 f = -0.00029520

Done