

Create Chiller X

Chiller Name:

Creation Option: ▼

Chiller Type: ▼

- Elec Open Centrifugal
- Elec Open Reciprocating
- Elec Hermetic Centrifugal
- Elec Hermetic Reciprocating
- Electric Screw
- Elec Heat Recovery
- 1-Stage Absorption
- 2-Stage Absorption
- Gas Absorption
- Engine Driven
- Heat Pump
- Loop-to-Loop Heat Pump

I do not see a selection for a scroll chiller

Create Chiller X

Chiller Name:

Creation Option: ▼

Chiller Type: ▼

Required Chiller Data for 'Scroll' ✕

Chilled Water Loop:

Condenser Type:

Chiller Properties ? X

Currently Active Chiller: **Scroll** Type: Elec Hermetic Reciprocating

Basic Specifications | Condenser | Performance Curves | Loop Attachments | Miscellaneous

Chiller Name: **Scroll**

Type: **Elec Hermetic Reciprocating**

Equipment Capacity _____

Capacity: _____ MBtu/h

Capacity Ratio: _____ ratio

Min Ratio: **0.25** ratio

HGB Ratio: _____ ratio

HGB Ratio HR: _____ ratio

Heat/Cool Cap: _____ ratio

Equipment Efficiency _____

Elec Input Ratio: **0.3420** ratio

Heat Input Ratio: _____ n/a ratio

Heating EIR: _____ n/a ratio

Compressor Configuration _____

Compressors/Ckt: **Two**

VSD Drive Used: _____ n/a

Loop Assignments _____

CHW: **Chilled Water Loop**

CW: _____ n/a

HW: _____ n/a

HtRec: _____ - undefined -

Meter Assignments _____

Electric Meter: **EM1**

Fuel Meter: _____ n/a

Design vs. Rated Conditions _____

Chiller Specified At: **Rated Conditions**

Design Conditions	Rated Conditions
Chilled-Wtr Temp: 44.0 °F	Chilled-Wtr Temp: 44.0 °F
Condenser Temp: _____ °F	Condenser Temp: 95.0 °F
Design/Max Cap: _____ n/a ratio	Condenser Flow: _____ n/a gpm/ton

Done

Chiller Properties ? X

Currently Active Chiller: Scroll Type: Elec Hermetic Reciprocating

Basic Specifications | Condenser | Performance Curves | Loop Attachments | Miscellaneous

	Electric Input Ratio	Heat Input Ratio	Cooling Capacity
f(t evap leaving, t cond entering):	RecipAir-EIR-fCHWT&DB	n/a	RecipAir-Cap-fCHWT&DE
f(part load ratio):	RecipAir-EIR-fPLR-2Com	n/a	
		Engine Heat Rejection	Gas Heating Capacity
f(part load ratio):		n/a	n/a
f(t outdoor ambient):			
f(t cond entering):		n/a	
	Heat Input Ratio (HIR)	Desiccant Regen Cap	
f(t desiccant regen):	n/a	n/a	
	Heating Elec Input Ratio	Electric Heating Capacity	
f(t leaving HW, t entering air) nf:	n/a	n/a	
f(t leaving HW, t entering air) frst:	n/a	n/a	
f(part load ratio):	n/a		

Done

eQUEST



The data just modified will cause the following 1 error(s):

Chiller 'Scroll' EIR-FPLR: Assigned building component 'Curve Fit 28'
is of an incompatible type.

Press OK to restore the previous value(s), or
Cancel to proceed with the data modification.

OK

Cancel