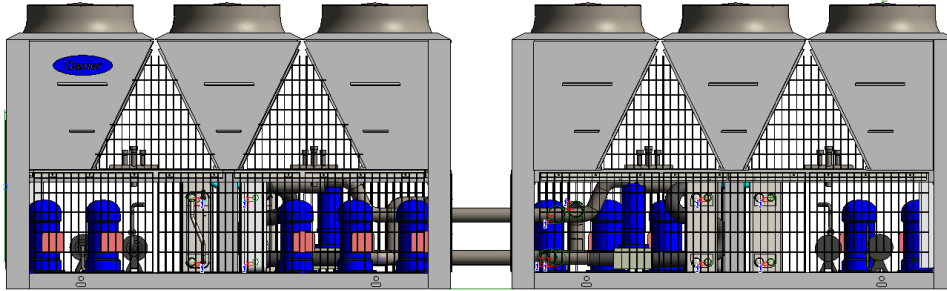


Revit Family file
30RQP 620R TO 800R

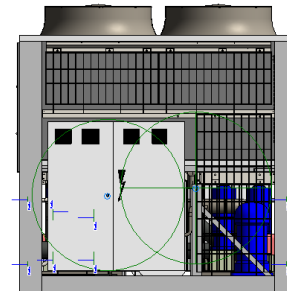
AIR COOLED CHILLER

30RQP 620R TO 800R

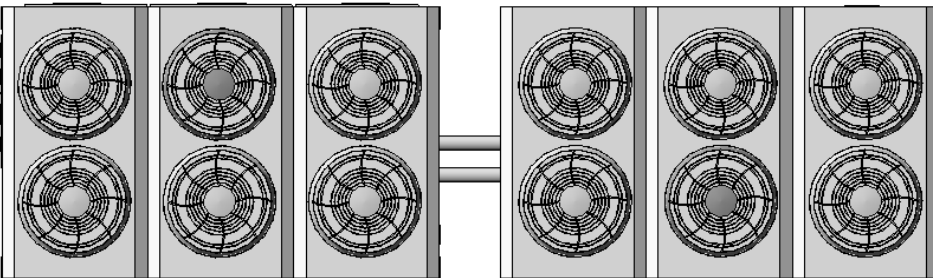
30RQP Revit Family



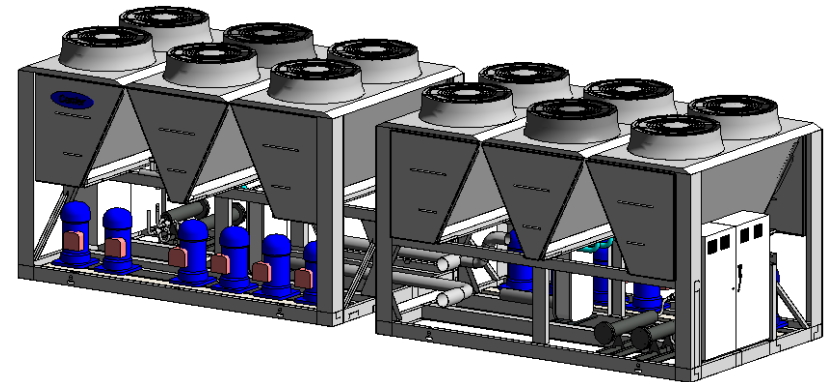
Front View



Side View



Top View

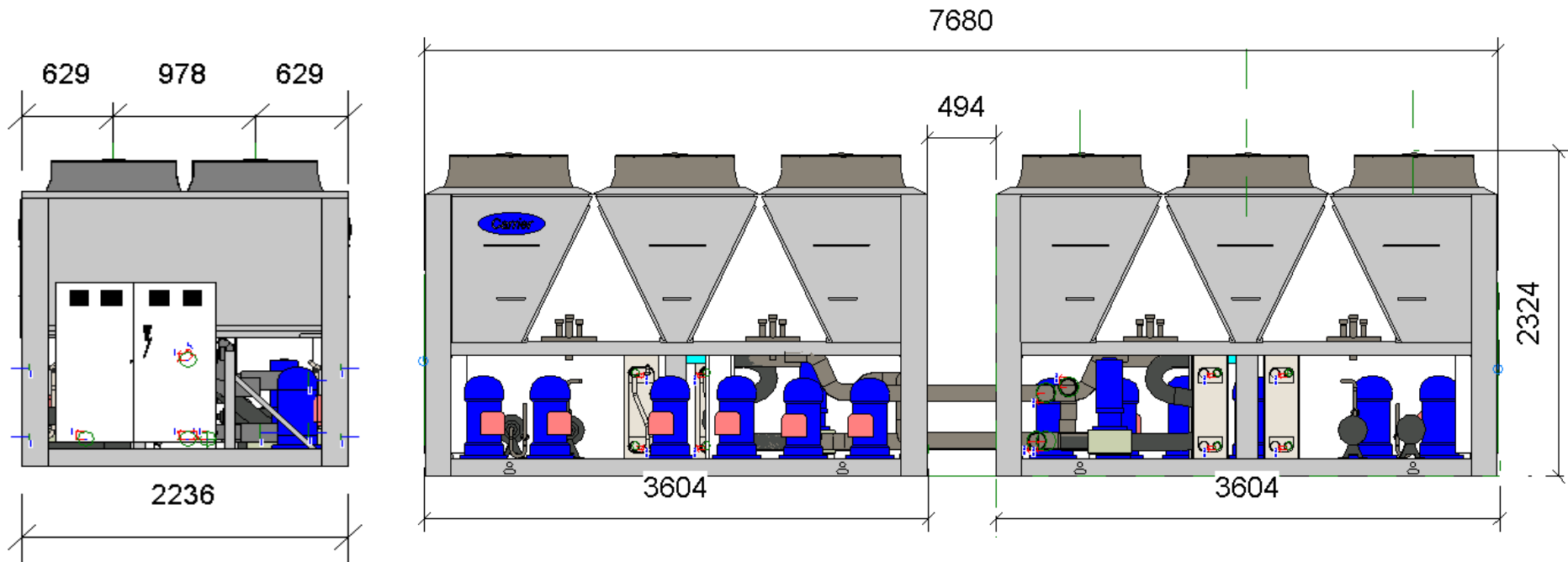


30RQP Revit Family in
Project Environment

30RQP 620R TO 800R

Model No: 620R-660R-740R-800R

Overall Dimensions



All Dimensions are in mm

Tolerance ± 10

30RQP Revit Family Latest Modification

IDENTIFY DATA EDITING

Model description details are added in the “Identify Data” parameter segment for all the revit family files. Based on the type of family, details have been provided (620R,660R,740R,800R,etc...).

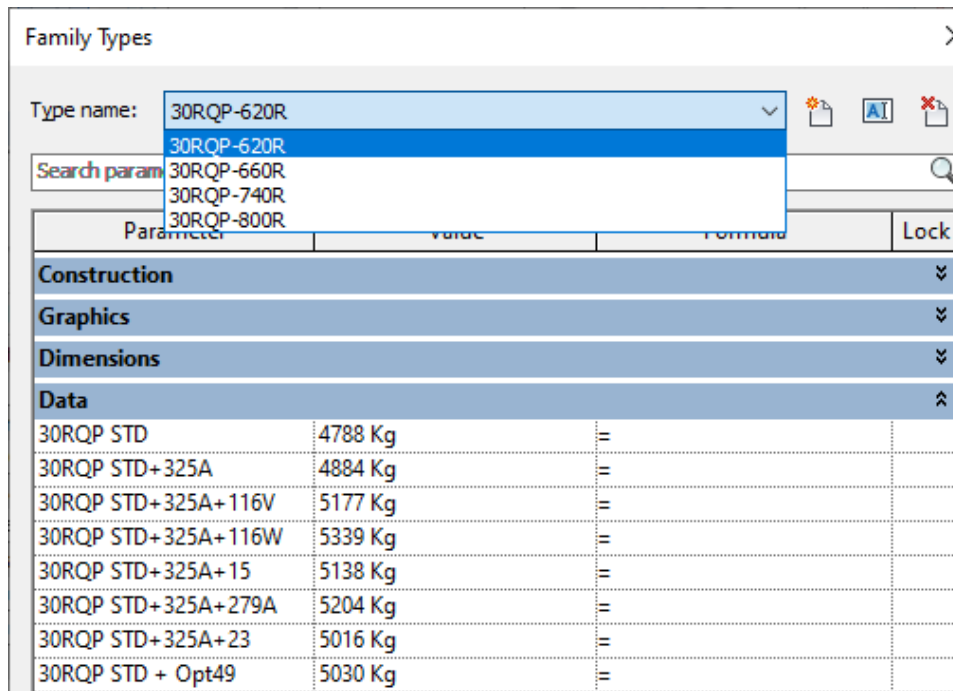
Identity Data		
URL	http://www.carrier.com	=
Model	30RQP- 620R TO 800R	=
Manufacturer	Carrier	=
Description	Air Cooled Chillers	=

This data will be extracted from the end MEP user whenever he/she will take Material Take off job or BOM preparation for the particular unit.

30RQP Revit Family Latest Modification

MASS DETAILS

Mass details are added in the “Data” parameter segment for all the revit family files. Based on the type of family, details have been provided (620R,660R,740R,800R,etc...).

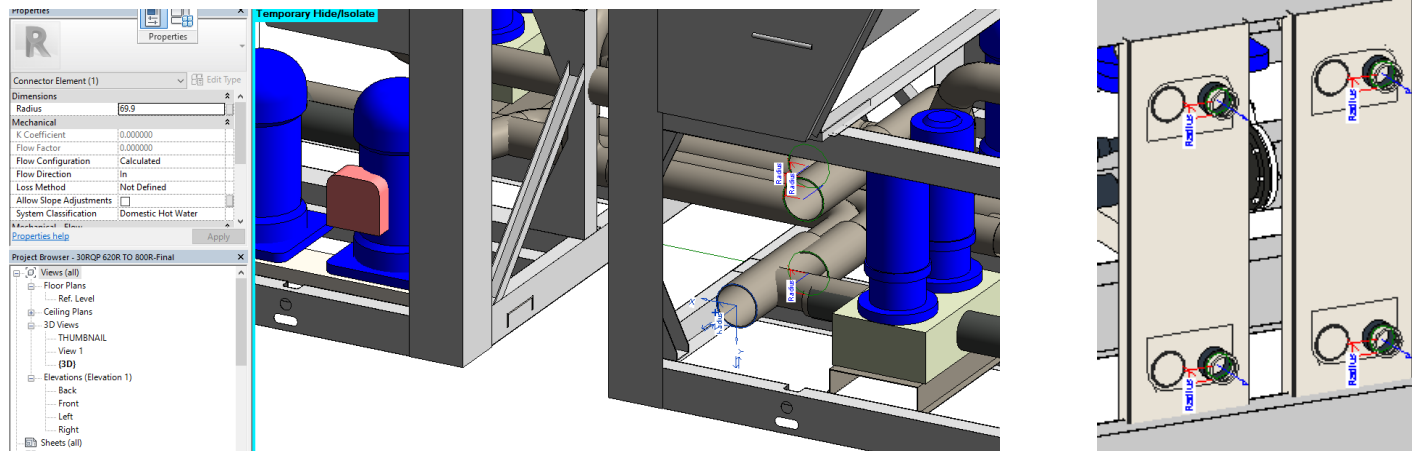


Parameter	Value	Formula	Lock
Construction ⌵			
Graphics ⌵			
Dimensions ⌵			
Data ⌴			
30RQP STD	4788 Kg	=	
30RQP STD+325A	4884 Kg	=	
30RQP STD+325A+116V	5177 Kg	=	
30RQP STD+325A+116W	5339 Kg	=	
30RQP STD+325A+15	5138 Kg	=	
30RQP STD+325A+279A	5204 Kg	=	
30RQP STD+325A+23	5016 Kg	=	
30RQP STD + Opt49	5030 Kg	=	

30RQP Revit Family Latest Modification

PIPE CONNECTORS

Depending on the type of connection pipe connectors are been provided for all the piping in 30RQP unit. All Coupling connection are just shown for representation purpose only.



Connectors at Inlet and Outlet Connections of the unit (Hydronic Kit, BPHE piping)

30RQP 620R TO 800R

Model No: 620R-660R-740R-800R

SERVICE CLEARANCE – ON/OFF

Service Clearance spaces for 30RQP unit are been provided with the option in construction parameter to hide and unhide in the project environment.

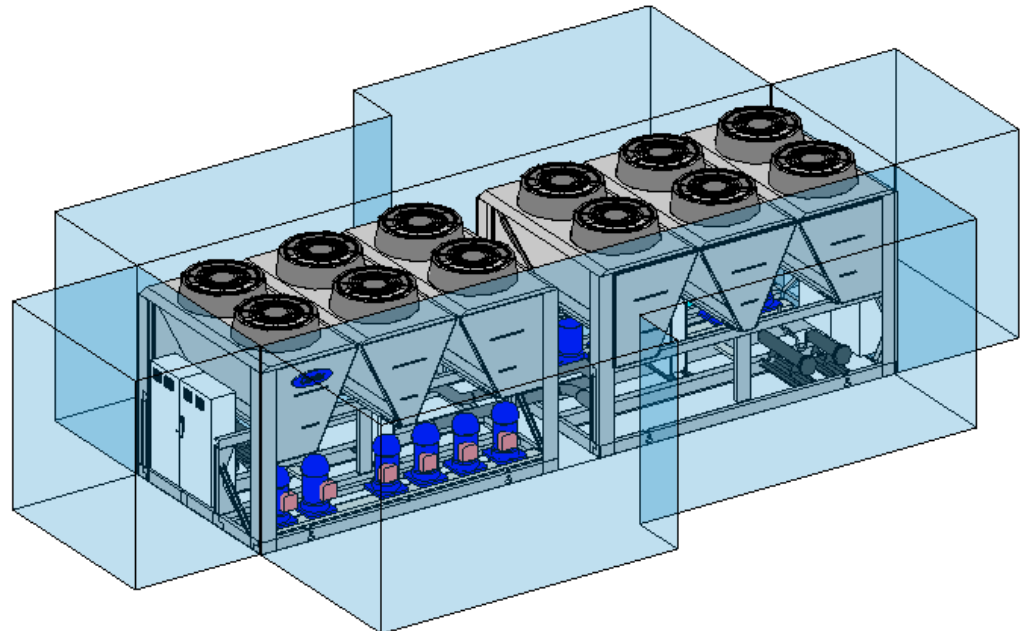
Type Properties

Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☒
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☒
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐



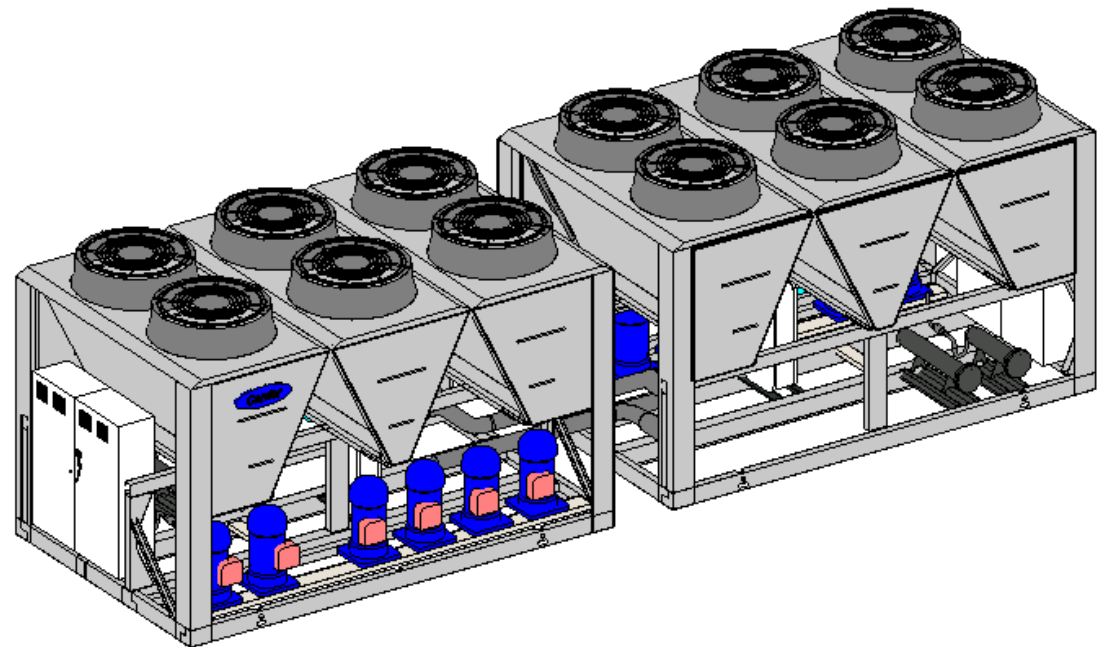
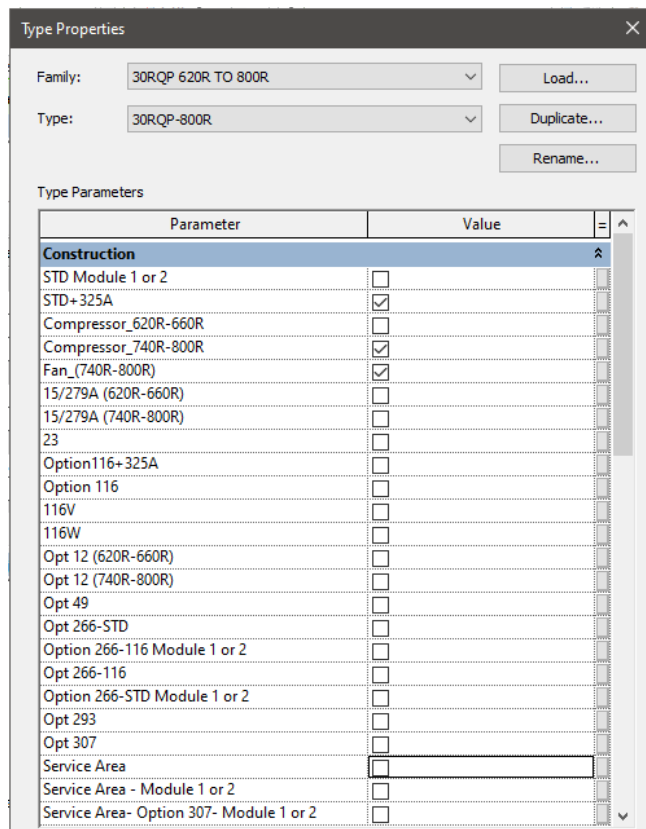
Service Clearance ON

30RQP 620R TO 800R

Model No: 620R-660R-740R-800R

SERVICE CLEARANCE – ON/OFF

Service Clearance spaces for 30RQP unit are been provided with the option in construction parameter to hide and unhide in the project environment.



Service Clearance OFF

30RQP 620R TO 800R

Type Properties

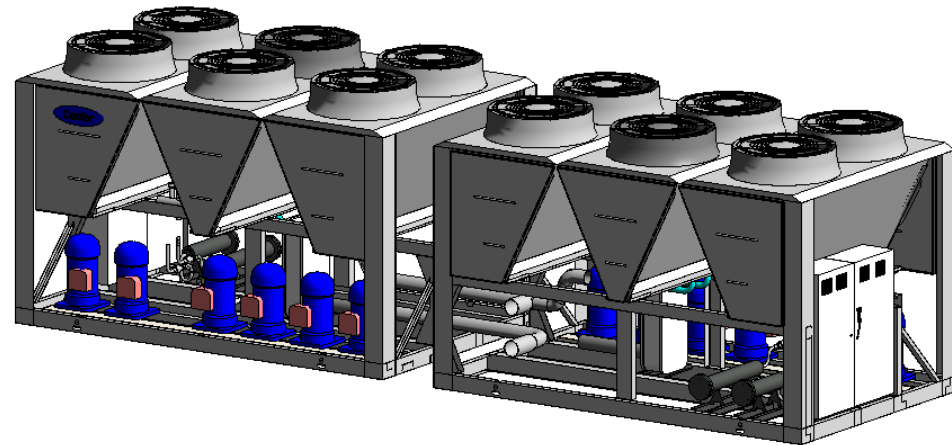
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate...
30RQP-620R
30RQP-660R
30RQP-740R
30RQP-800R Rename...

Type Parameters: 30RQP-800R

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☒
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



Revit Family in Project

4 Variants – (620R unit Capacity to 800R unit capacity)

30RQP 620R TO 800R

Type Properties

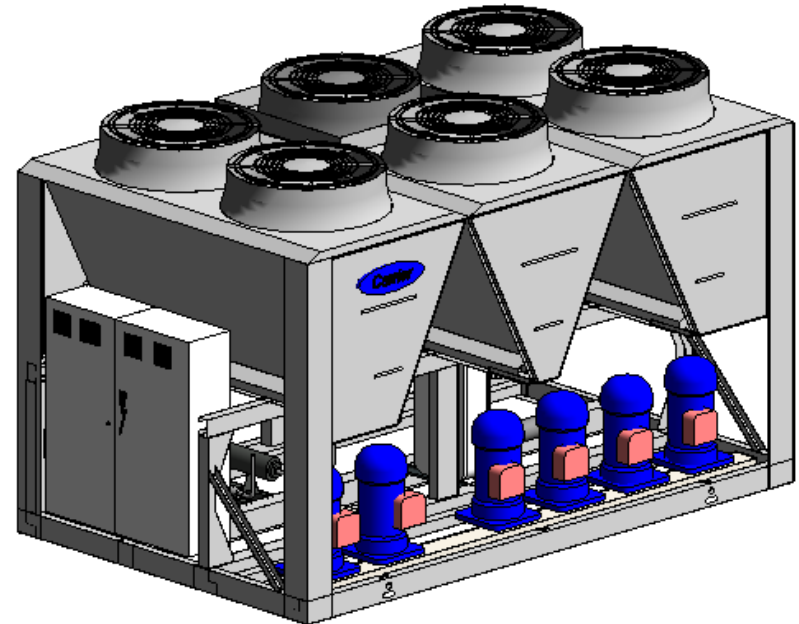
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☒
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD Module 1 or 2

30RQP 620R TO 800R

Type Properties

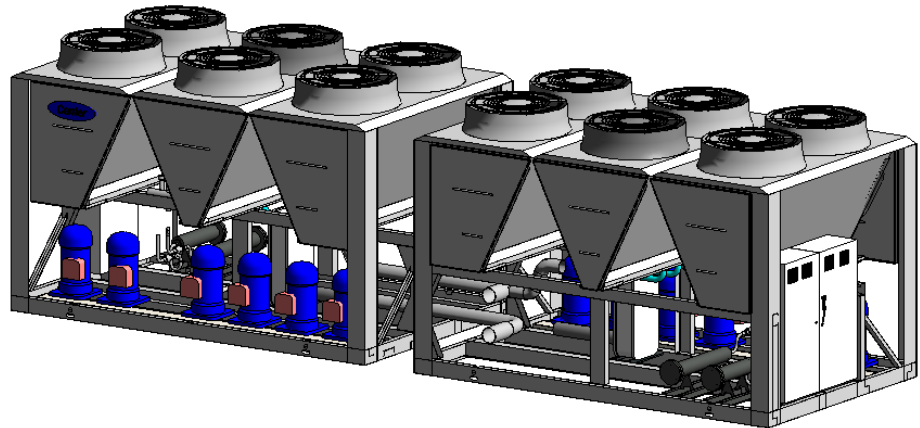
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☒
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



Standard Option + 325A

30RQP 620R TO 800R

Type Properties

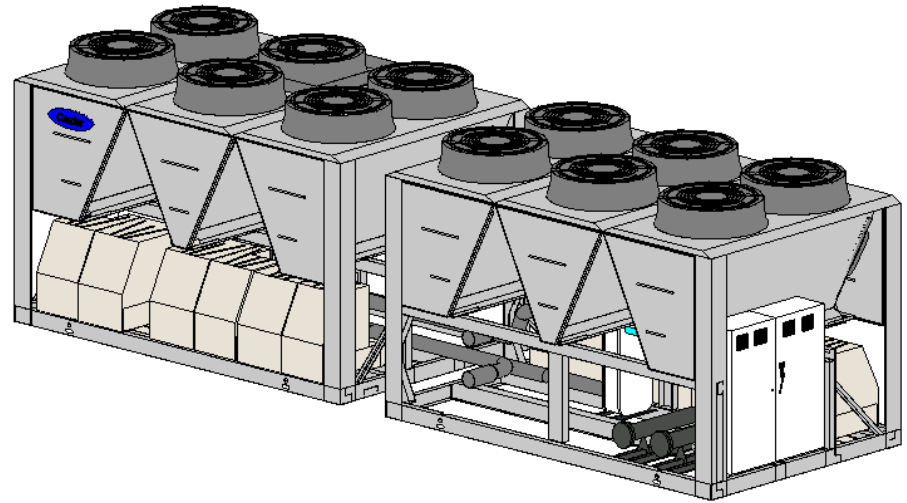
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☒
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☐
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD + 325A + 15LS/ 279A

30RQP 620R TO 800R

Type Properties

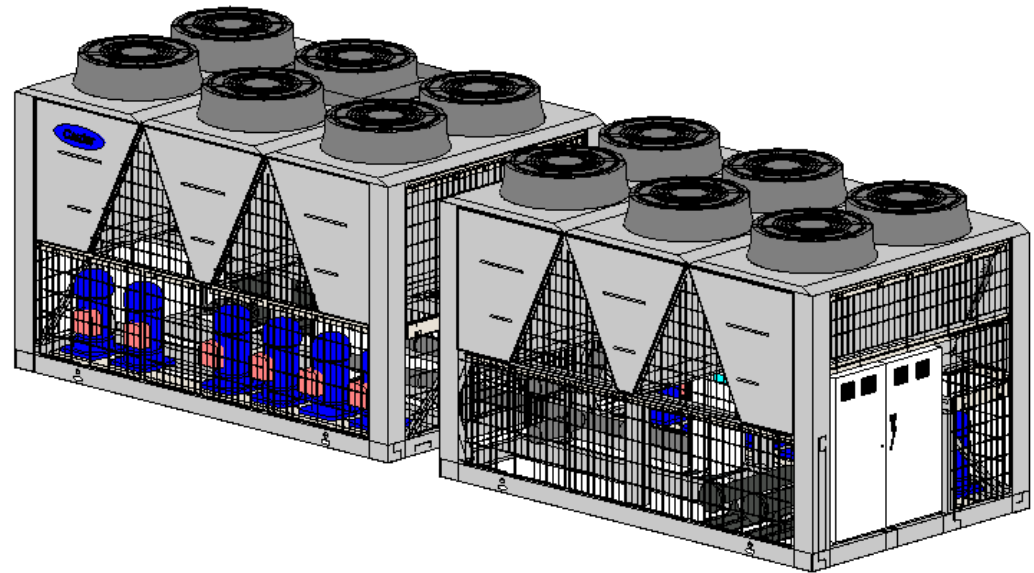
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☒
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☒
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD+ 23 + 325A

30RQP 620R TO 800R

Type Properties

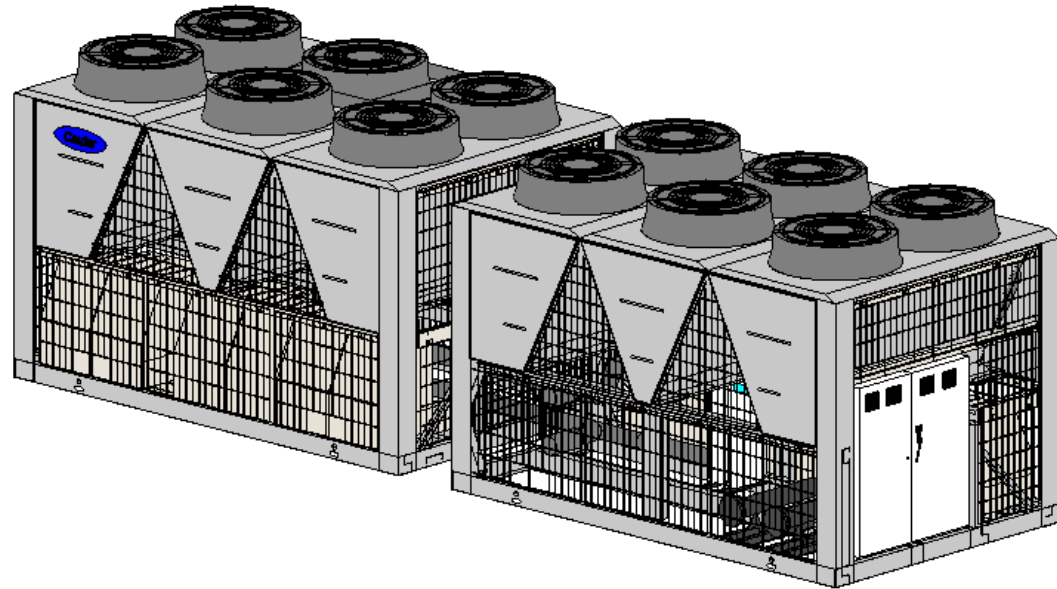
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☒
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☒
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD+ 15LS/279A+ 23 + 325A

30RQP 620R TO 800R

Type Properties

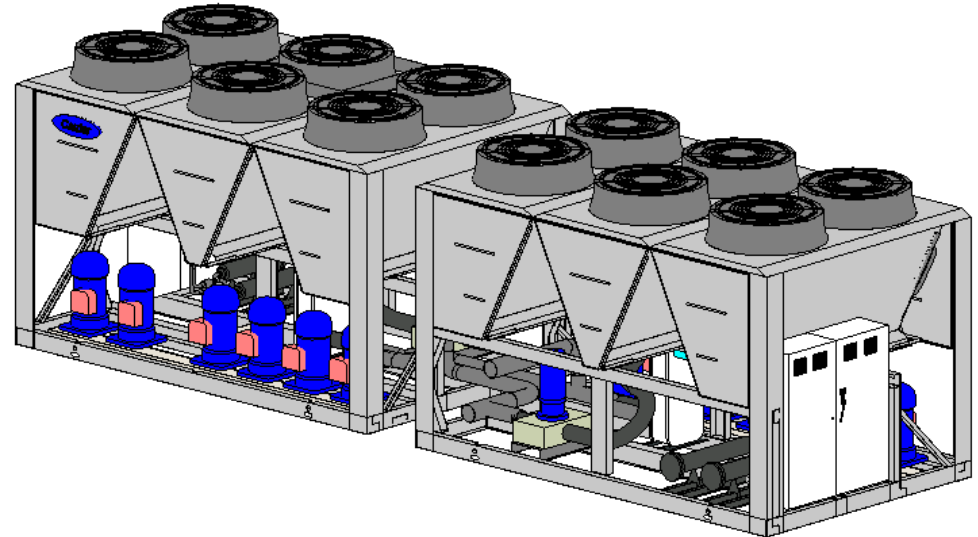
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☒
Option 116	☐
116V	☒
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



Option116V + 325A

30RQP 620R TO 800R

Type Properties

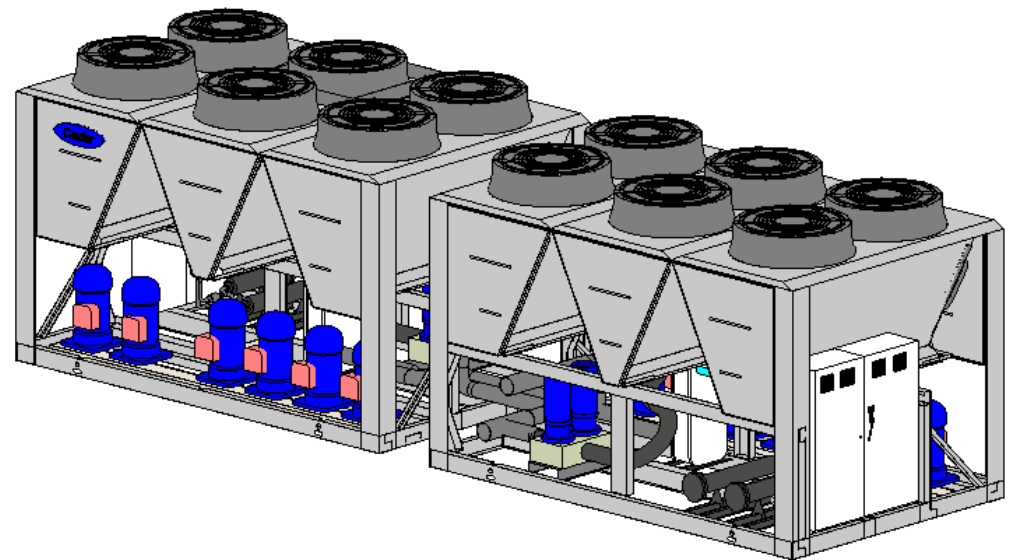
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☒
Option 116	☐
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



Option 116W + 325A

30RQP 620R TO 800R

Type Properties

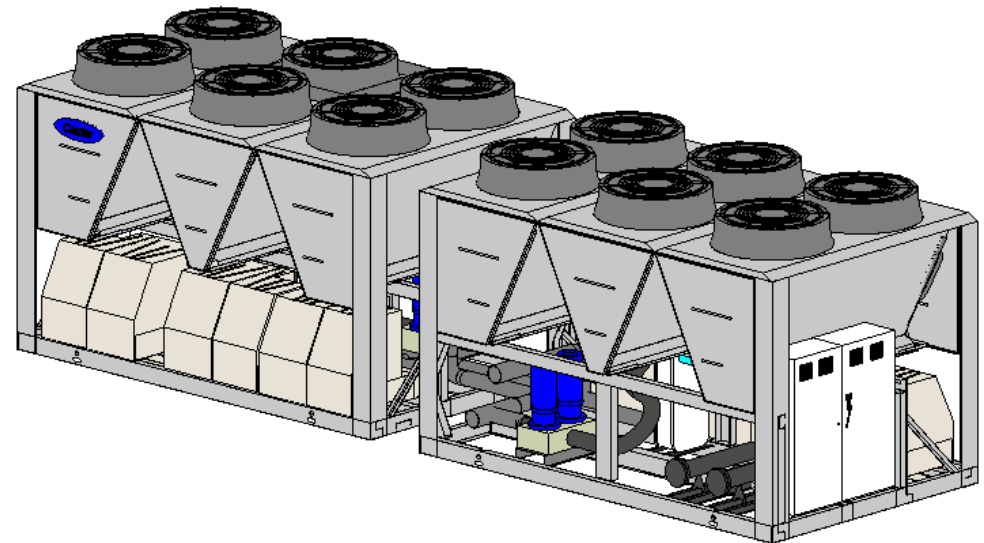
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☐
Option116+325A	☒
Option 116	☐
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



15LS/279A+ 116V/W + 325A

30RQP 620R TO 800R

Type Properties

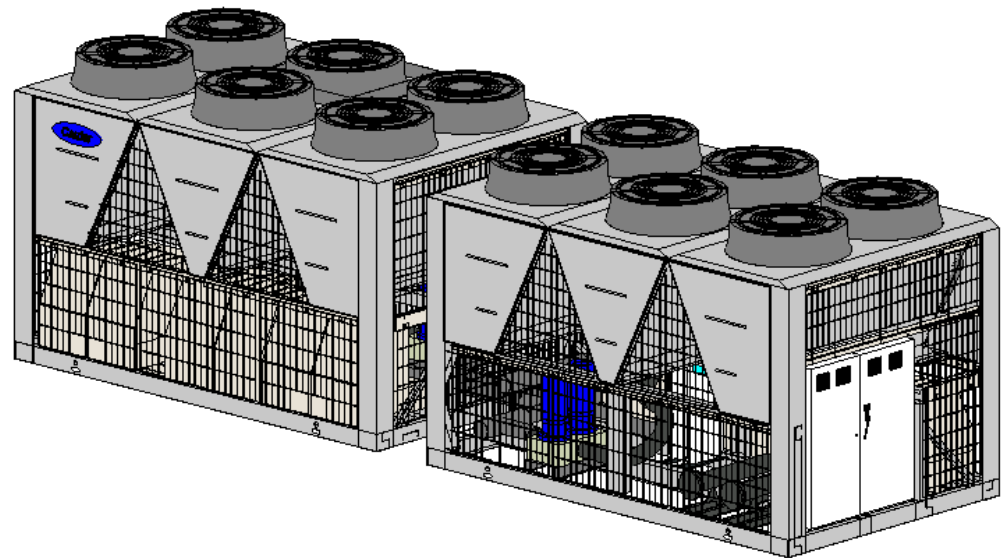
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☒
Option116+325A	☒
Option 116	☐
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



15LS/279A+ 116V/W + 23 + 325A

30RQP 620R TO 800R

Type Properties

Family: 30RQP 620R TO 800R Load...

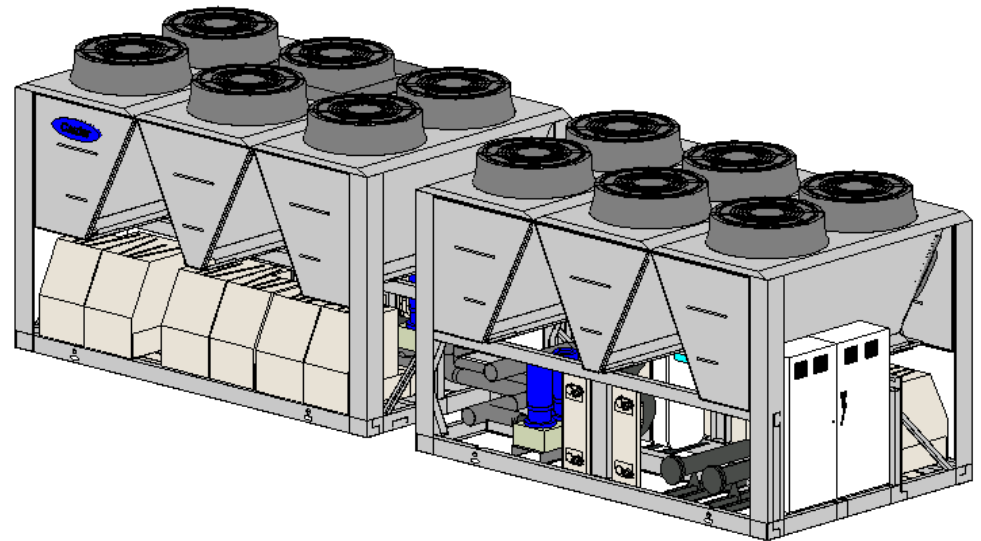
Type: 30RQP-800R Duplicate...

Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☐
Option116+325A	☒
Option 116	☐
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☒
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



15LS/279A+ 116V/W + 49 + 325A

30RQP 620R TO 800R

Type Properties

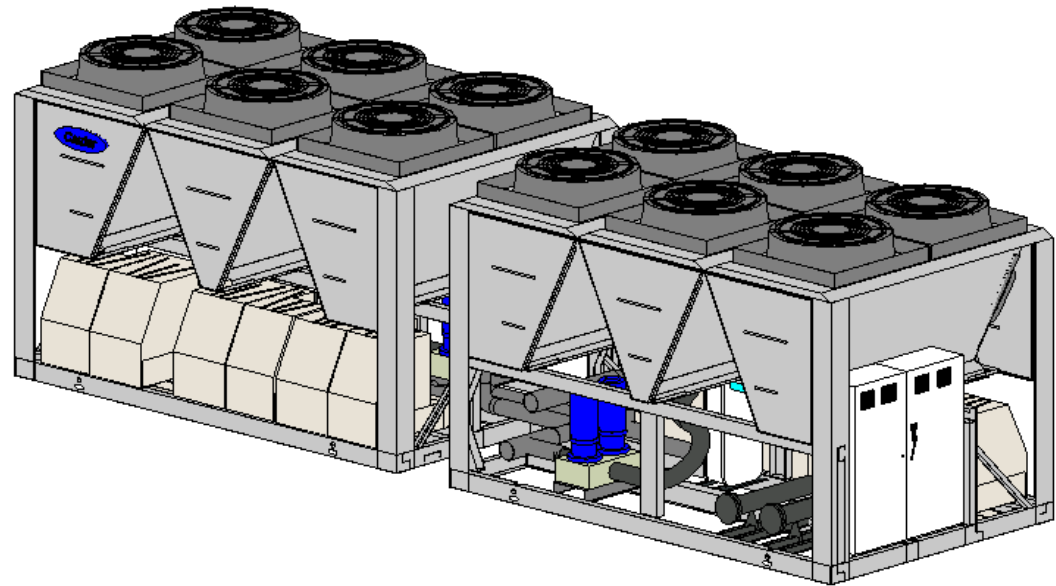
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☐
Option116+325A	☒
Option 116	☐
116V	☐
116W	☒
Opt 12 (620R-660R)	☒
Opt 12 (740R-800R)	☒
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



15LS/279A+ 116V/W + 12 + 325A

30RQP 620R TO 800R

Type Properties

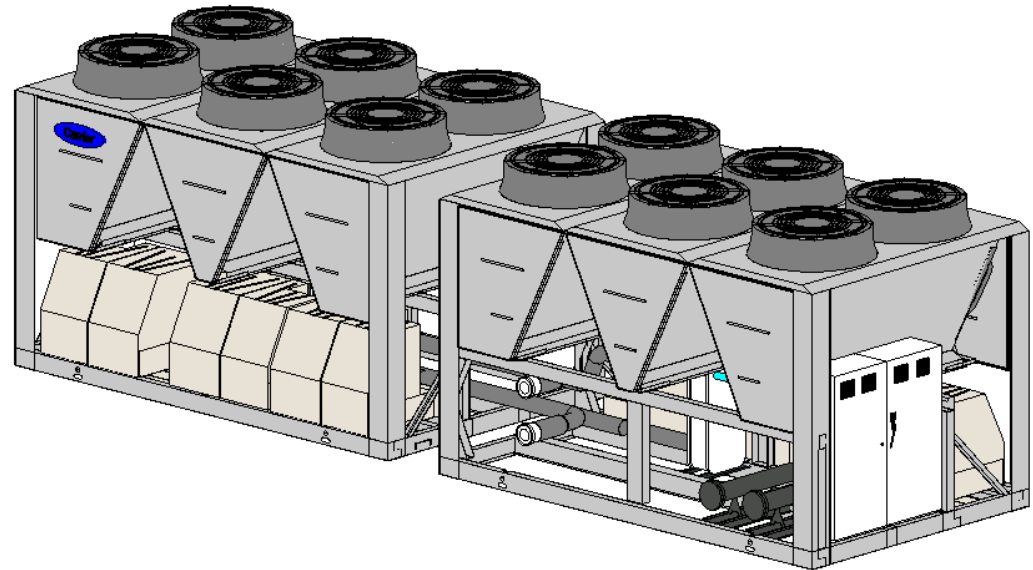
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☒
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☐
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☒
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



15LS/279A+ STD+ 266 + 325A

30RQP 620R TO 800R

Type Properties

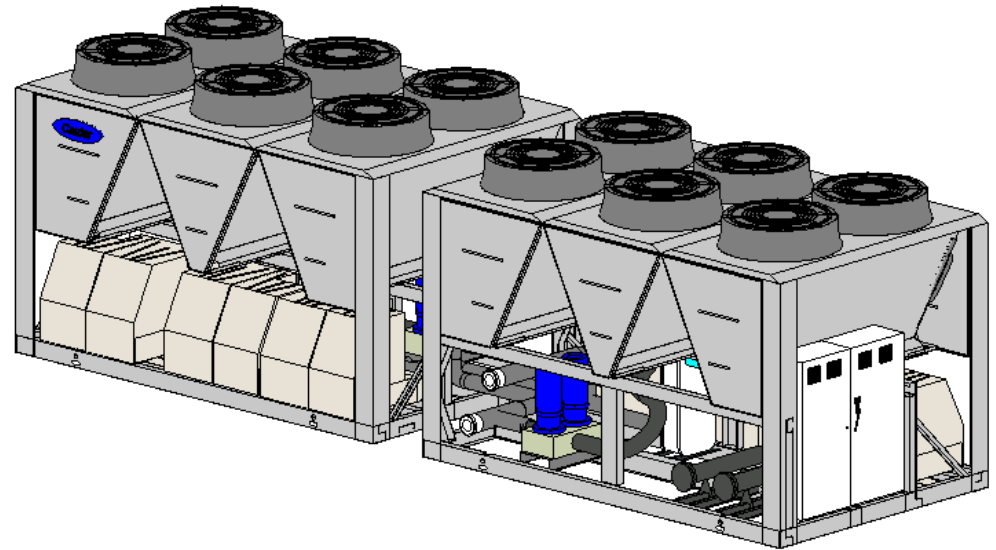
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☐
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☐
Option116+325A	☒
Option 116	☐
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☒
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



15LS/279A+ 116V/W + 266 + 325A

30RQP 620R TO 800R

Type Properties

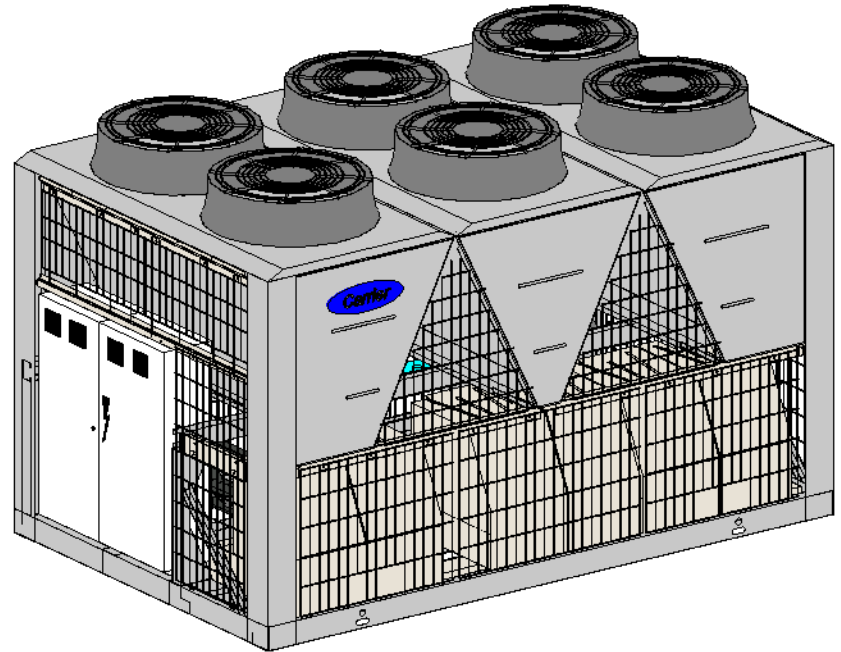
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☒
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☐
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☒
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD Module 1 or 2+ 15LS/279+23

30RQP 620R TO 800R

Type Properties

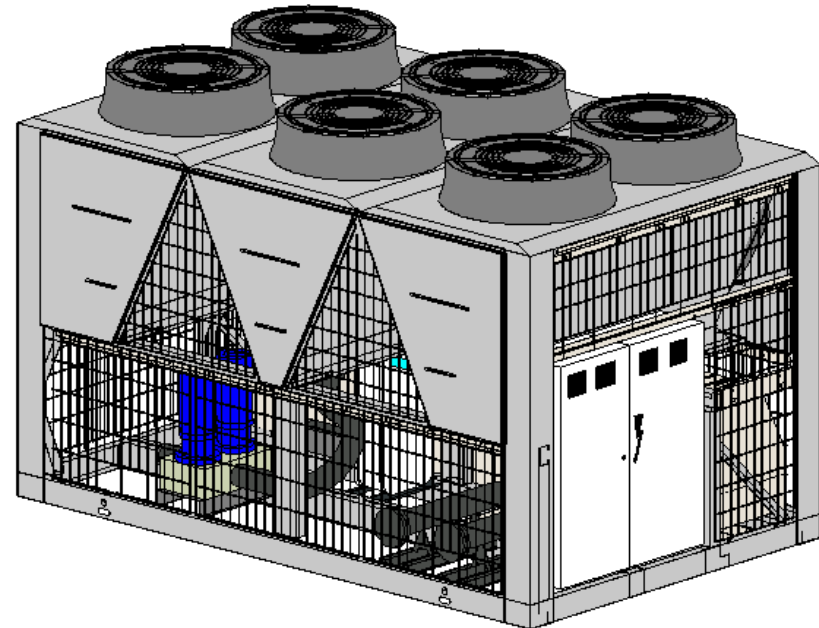
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☒
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☒
23	☒
Option116+325A	☐
Option 116	☒
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD Module 1 or 2+ 15LS/279+23+116V/W

30RQP 620R TO 800R

Type Properties

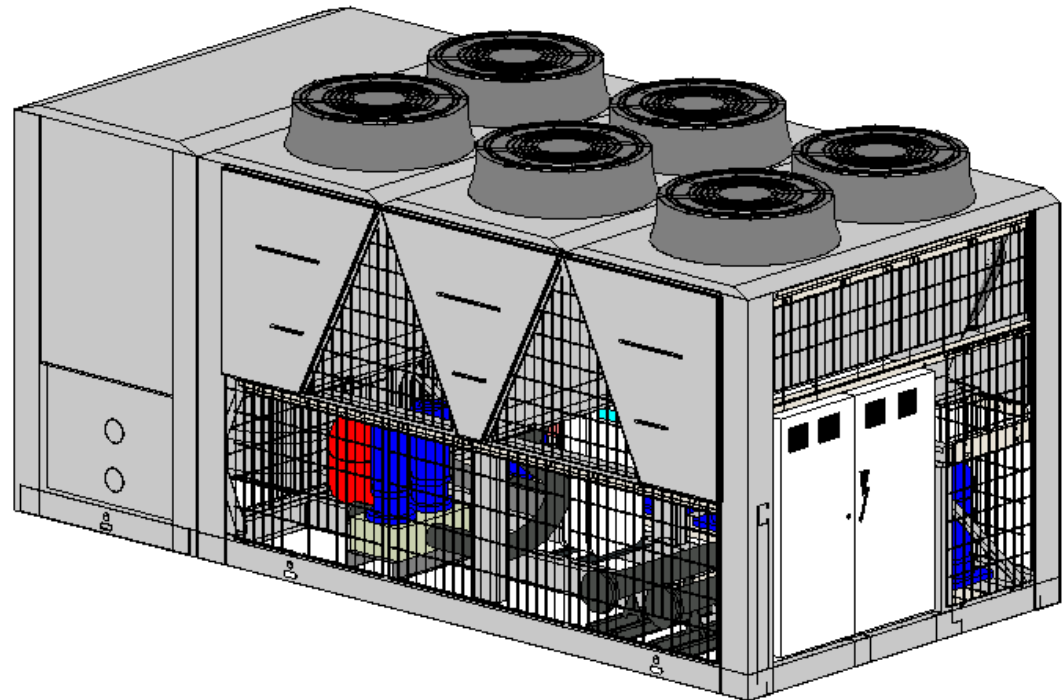
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☒
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☒
Option116+325A	☐
Option 116	☒
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☒
Opt 307	☒
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD Module 1 or 2+ 23+116V/W+ Option 307+293

30RQP 620R TO 800R

Type Properties

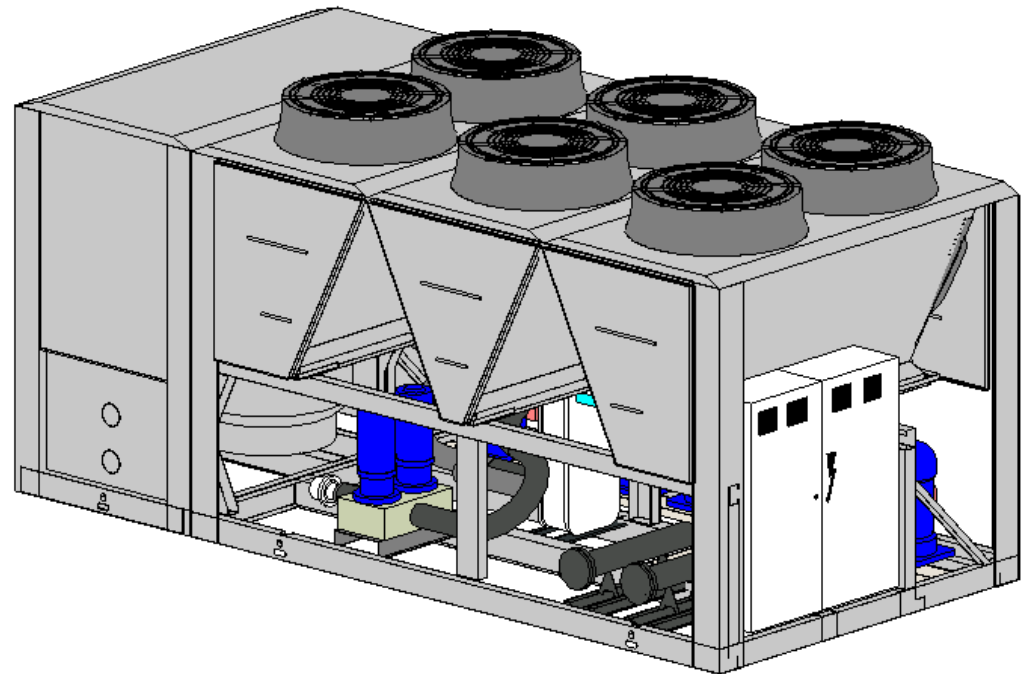
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☒
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☐
Option 116	☒
116V	☐
116W	☒
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☒
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☒
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD Module 1 or 2+116V/W+ Option 307+266

30RQP 620R TO 800R

Type Properties

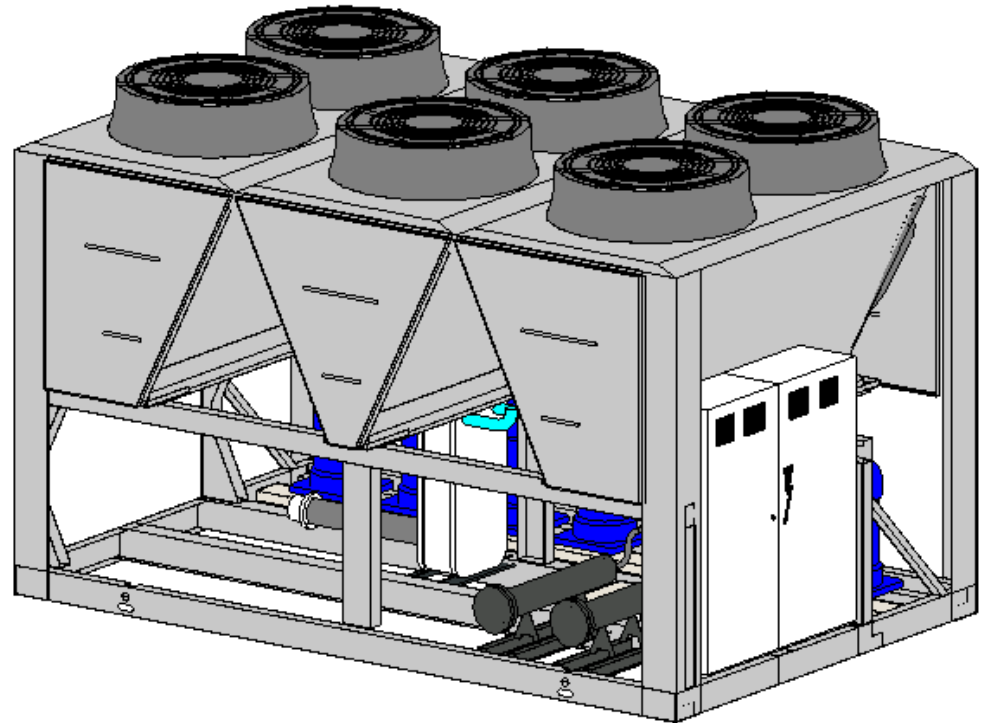
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☒
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☐
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+ 325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☐
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☒
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD Module 1 or 2+266

30RQP 620R TO 800R

Type Properties

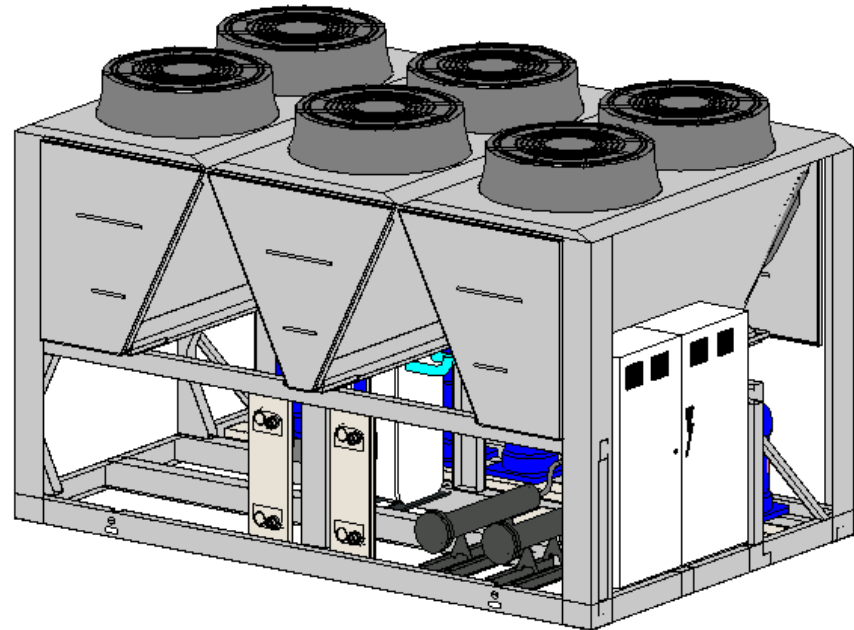
Family: 30RQP 620R TO 800R Load...

Type: 30RQP-800R Duplicate... Rename...

Type Parameters

Parameter	Value
Construction	
STD Module 1 or 2	☒
STD+325A	☐
Compressor_620R-660R	☐
Compressor_740R-800R	☒
Fan_(740R-800R)	☒
15/279A (620R-660R)	☐
15/279A (740R-800R)	☐
23	☐
Option116+325A	☐
Option 116	☐
116V	☐
116W	☐
Opt 12 (620R-660R)	☐
Opt 12 (740R-800R)	☐
Opt 49	☒
Opt 266-STD	☐
Option 266-116 Module 1 or 2	☐
Opt 266-116	☐
Option 266-STD Module 1 or 2	☐
Opt 293	☐
Opt 307	☐
Service Area	☐
Service Area - Module 1 or 2	☐
Service Area- Option 307- Module 1 or 2	☐

Input Parameters



STD Module 1 or 2+49