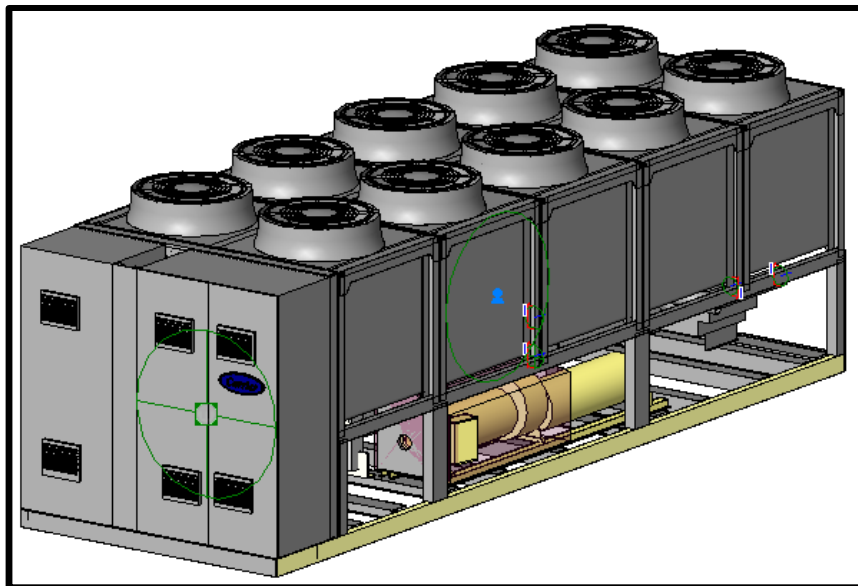


30KAV0800 /
30KAVZE0600



INDEX

Slide Number

- | | | |
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| 3. | Connector Information | 43-51 |

Excel To Revit File Conversion

30KAV / 30KAVZE REVIT DATABASE

<u>30KAV / 30KAVZE</u> <u>RANGE</u>	<u>Standard Components</u>	<u>Options</u>							
	Chassis/structure/wcoil/cooler / electrical box/suction line	Hyd_kit(opt-116)	Expansion Tank (opt293)	Grill Panel(opt23)	Coil panel(opt23a)	Comp enclosure (opt 15 or 15LS)	Total Heat Recovery (opt 50)	Partial Heat Recovery (opt 49)	Cooler hydraulic connection (opt 266)
30KAV0800 / 30KAVZE0600	x	x	x	x	x	x	x	x	x

SINGLE OPTION

SL NO	Revit Option	Description
1	30KAV0800 / 30KAVZE0600	Standrad components
2	Option 15/15ls	Standard Unit + Comp Enclosure
3	Option 23	Standard Unit + Coil Protection+grill
4	Option 23a	Standard Unit + Coil Protection
5	Option 116A	Standard Unit + Low pressureDouble pump(BP)
6	Option 116W	Standard Unit + High Pressure Double pump(HP)
7	Option 293	116A/W+Expansion tank
8	Option 50	Total Heat Recovery
9	Option 49	Partial Heat Recovery
10	Option 266	Cooler hydraulic connection

REVIT FAMILY TABLE

Family Types

Type name: 30KAV0800 / 30KAVZE0600

30KAV0800 / 30KAVZE0600

Search param

Par

Construction

ATEX Zone

OPT266

OPT266_116

OPT49+ OPT

OPT49+ OPT

OPT49_ OPT

OPT49_ OPT

OPT50+ OPT

OPT50+ OPT

OPT50_ OPT

OPT50_ OPT

OPT50

OPT325 for C

OPT49

OPT325 for C

Service Area

Option_23

Option293

Pump BP/HF

Opt 23a

15LS/15L

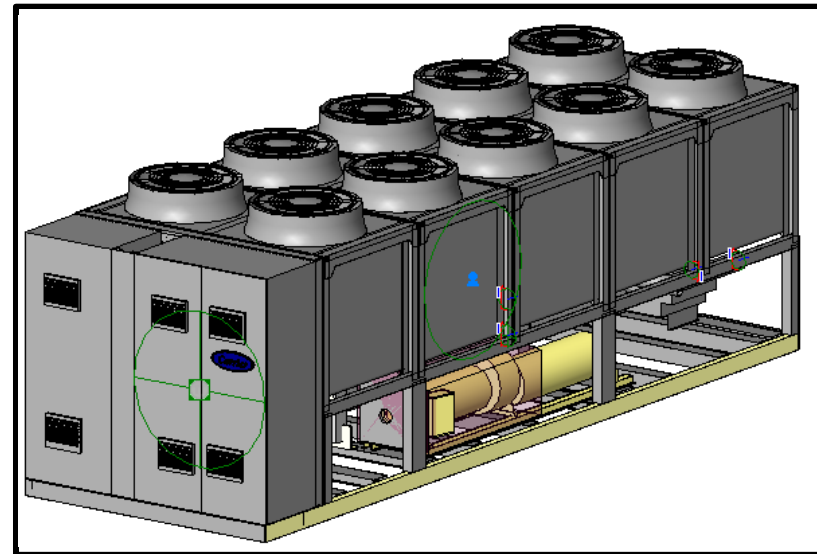
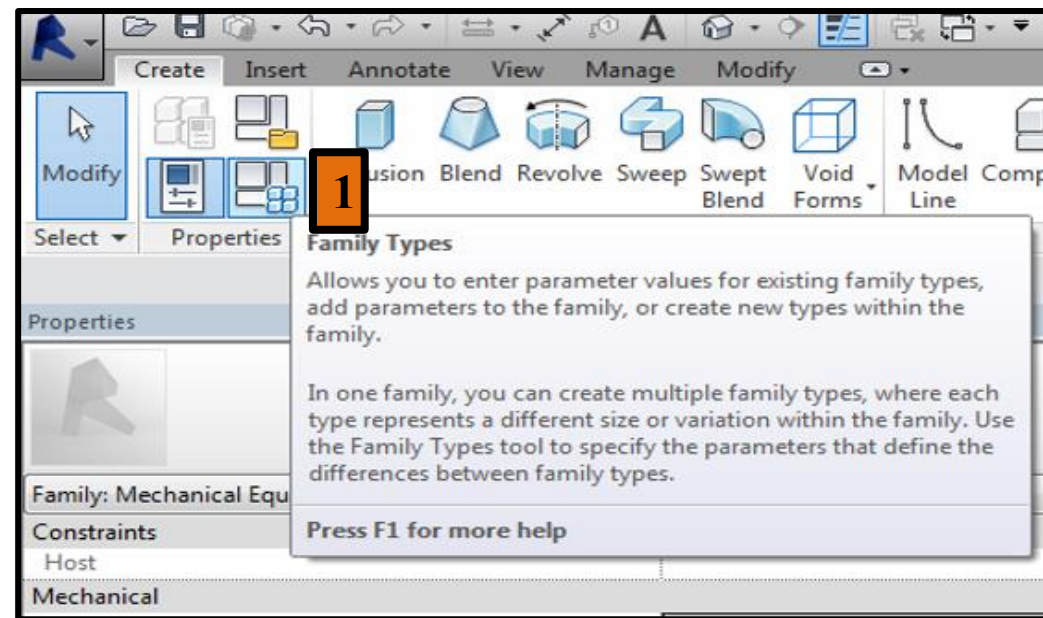
Identity Data

How do I manage family types?

OK

Operating Revit file

Step 1-After Opening Revit file. Please Click on “Family Type Console” as Shown below to view Multiple Options



Step 2-After Opening Family Type Console, Pick Required Option from the drop Down as shown below and click OK.

Options are Configured for users.

Family Types

Type name: 30KAV0800 / 30KAVZE0600

Search parameters

Parameter

Value

Construction

ATEX Zone

OPT266

OPT266_116

OPT49+ OPT266

OPT49+ OPT267

OPT49_ OPT266

OPT49_ OPT267

OPT50+ OPT266

OPT50+ OPT267

OPT50_ OPT266

OPT50_ OPT267

OPT50

OPT325 for OPT50

OPT49

OPT325 for OPT49

Service Area

Option_23

Option293

Pump BP/HP

Opt 23a

15LS/15L

Identity Data

2

How do I manage family types?

OK

Family Types

Type name: 30KAV0800 / 30KAVZE0600

Search parameters

Parameter

Value

Construction

ATEX Zone

OPT266

OPT266_116_HYDKIT_BP_HP

OPT49+ OPT325_ OPT266

OPT49+ OPT325_ OPT267

OPT49_ OPT267

OPT50+ OPT325_ OPT266

OPT50+ OPT325_ OPT267

OPT50_ OPT267

OPT50

OPT325 for OPT50

OPT49

OPT325 for OPT49

Service Area

Option_23

Option293

Pump BP/HP

Opt 23a

15LS/15L

Identity Data

2

How do I manage family types?

OK

Note: 1)Kindly don't modify the Option Configuration by checking and Unchecking the box.

2) All options can be viewed by following same process

Standard Unit Creation

30KAV0800 / 30KAVZE0600

Family Types

Type name: 30KAV0800 / 30KAVZE0600

Search parameters

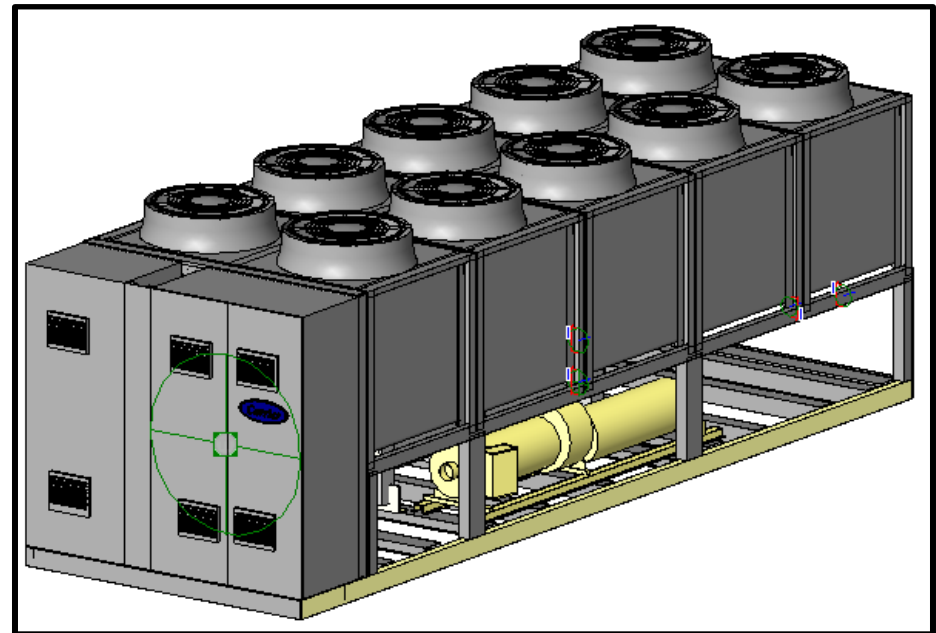
Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP_HP	☐
OPT49+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50+OPT325_OPT266	☐
OPT50+OPT325_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☐
Opt 23a	☐
15LS/15L	☐
Identity Data	

<

✎ ✖ ⬆ ⬇ ⬆ ⬇

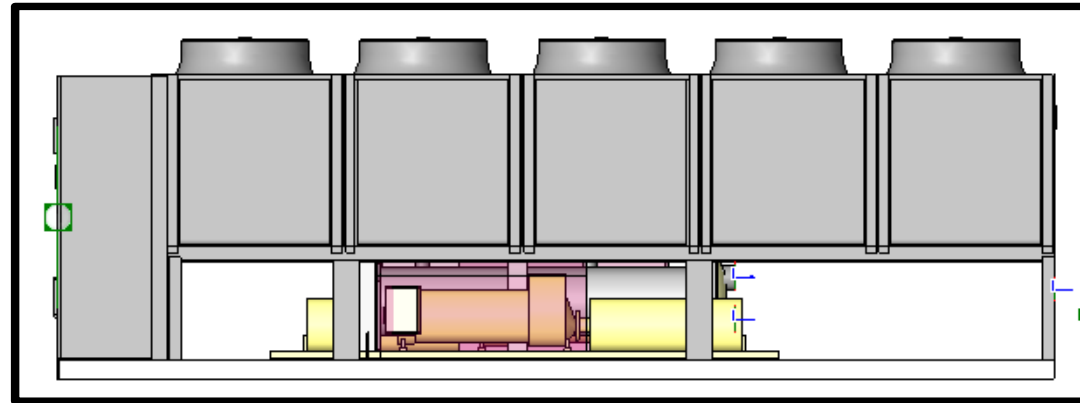
[How do I manage family types?](#) OK

Note: Follow Step 1&2 as explained in previous slides, to select options



Option 15/15LS

Low Noise Enclosure
Standard unit + Enclosure



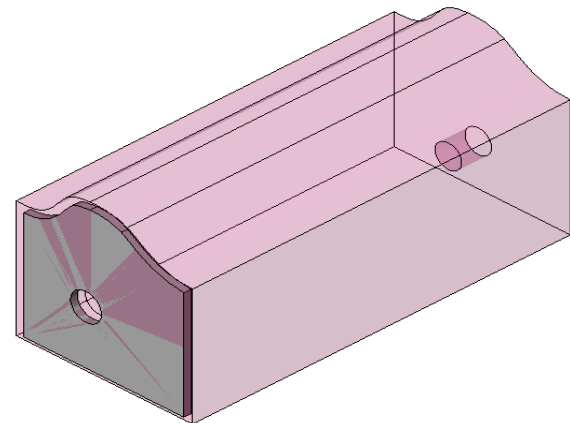
Family Types

Type name: OPT15/15LS

Search parameters

Parameter	Value	
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☐	=
Opt 23a	☐	=
15LS/15L	☒	=
Identity Data		
Model		=
Manufacturer		=
Keynote		=
COG		=
Type Image		=
Type Comments		=
URL		=
Description		=
Assembly Code		=
Cost		=

How do I manage family types?



Option 23

Coil panel protection

Standard unit + panel+ Grill

Family Types

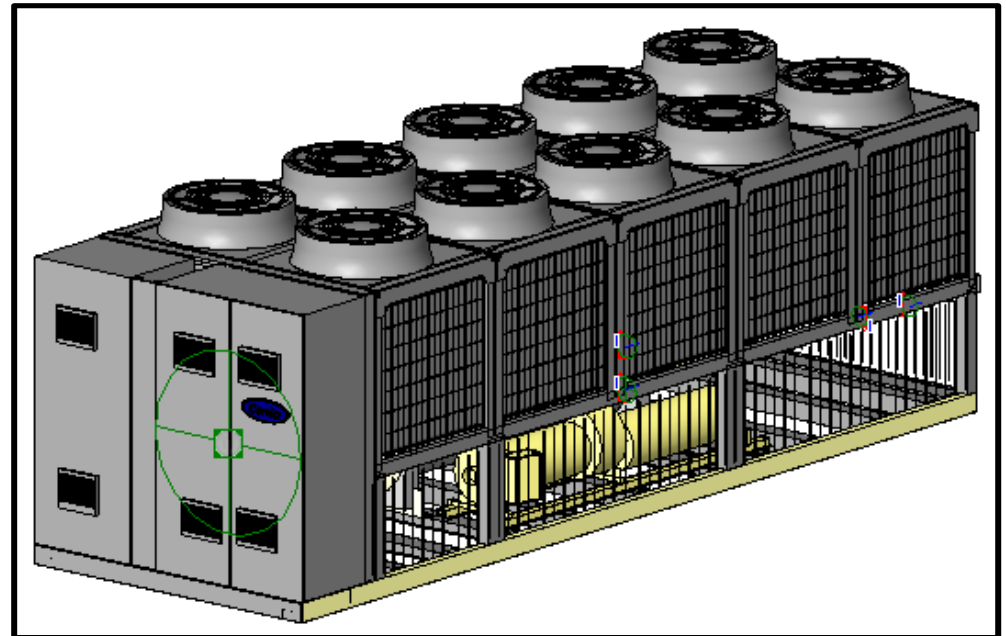
Type name: OPT23

Search parameters

Parameter	Value	
OPT325 for OPT49	☐	="
Service Area	☐	="
Option_23	☒	="
Option293	☐	="
Pump BP/HP	☐	="
Opt 23a	☐	="
15LS/15L	☐	="
Identity Data		
Model		="
Manufacturer		="
Keynote		="
COG		="
Type Image		="
Type Comments		="
URL		="
Description		="
Assembly Code		="
Cost		="

[How do I manage family types?](#)



Option 23a

Coil panel protection Standard unit + Panel

Family Types

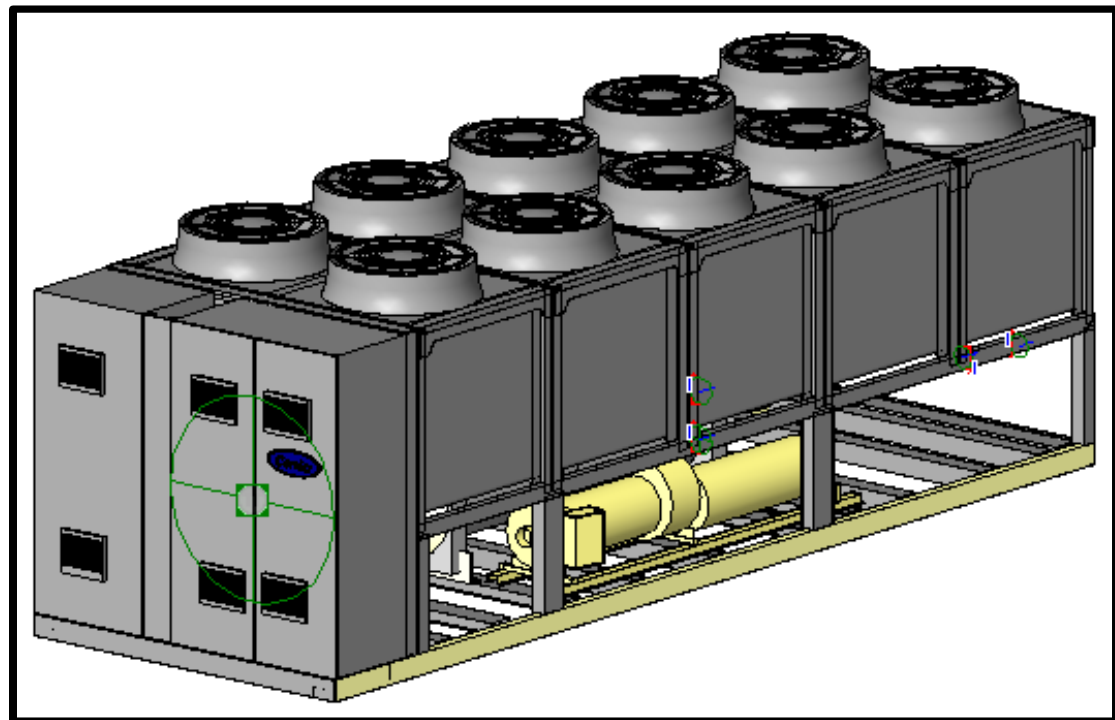
Type name:

Search parameters

Parameter	Value	
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☐	=
Opt 23a	☒	=
15LS/15L	☐	=
Identity Data		
Model		=
Manufacturer		=
Keynote		=
COG		=
Type Image		=
Type Comments		=
URL		=
Description		=
Assembly Code		=
Cost		=

[How do I manage family types?](#)



Option 116A

Low Pressure Double Pump STD Unit + Pump(BP)

Family Types

Type name: Option116A

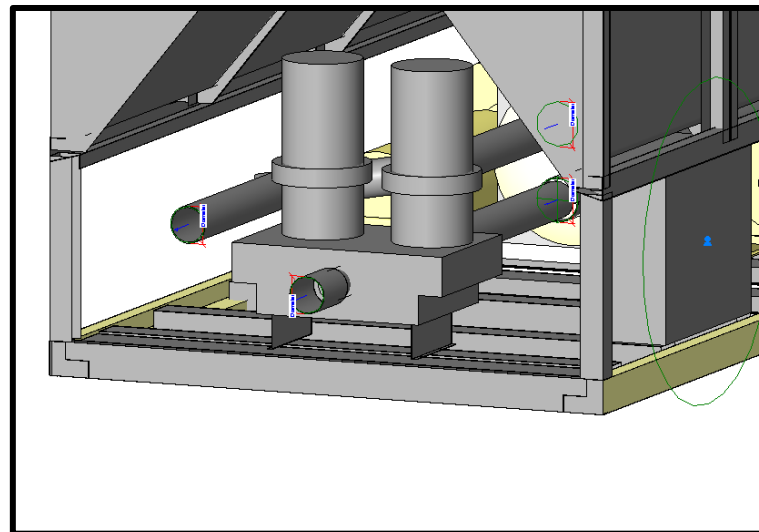
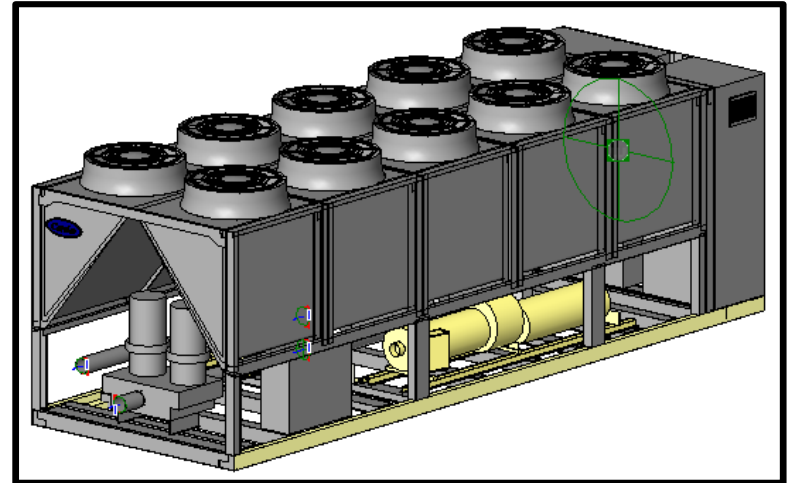
Search parameters

Parameter	Value	
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☒	=
Opt 23a	☐	=
15LS/15L	☐	=

Identity Data

Model	=
Manufacturer	=
Keynote	=
COG	=
Type Image	=
Type Comments	=
URL	=
Description	=
Assembly Code	=
Cost	=

[How do I manage family types?](#)



Option 116W

High Pressure Double Pump STD Unit + Pump(HP)

Family Types

Type name:

Search parameters

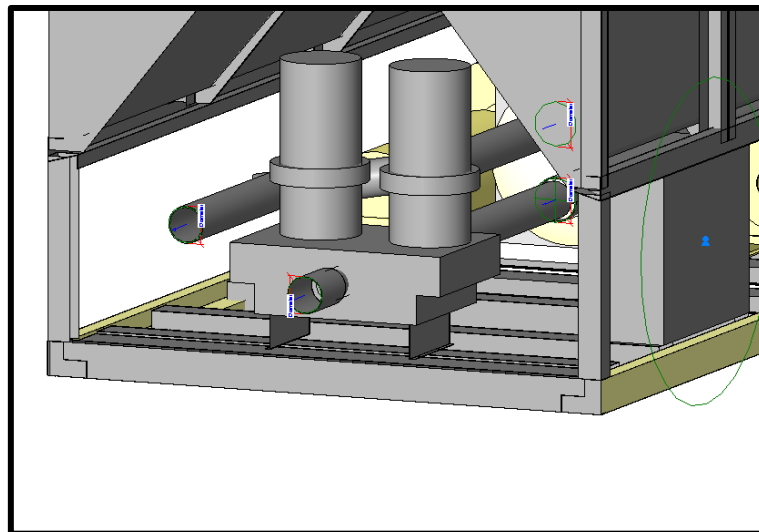
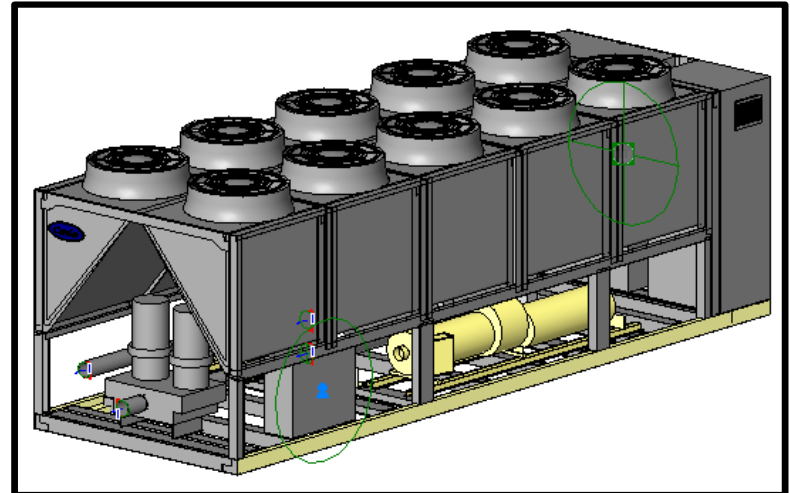
Parameter	Value	
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☒	=
Opt 23a	☐	=
15LS/15L	☐	=

Identity Data

Model		=
Manufacturer		=
Keynote		=
COG		=
Type Image		=
Type Comments		=
URL		=
Description		=
Assembly Code		=
Cost		=

[How do I manage family types?](#)



Option 293

Expansion Tank

Standard unit + Hyd Option(BP/HP) any one + Expansion tank

Family Types

Type name: Option293

Search parameters

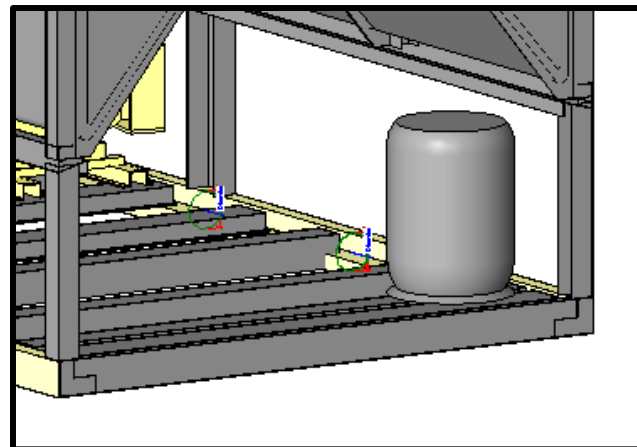
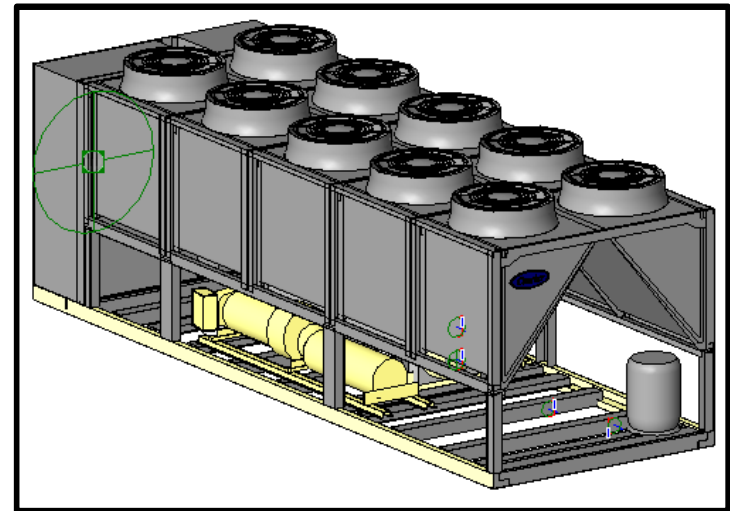
Parameter	Value	
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☒	=
Pump BP/HP	☐	=
Opt 23a	☐	=
15LS/15L	☐	=

Identity Data

Model		=
Manufacturer	Carrier	=
Keynote	Air cooled	=
COG		=
Type Image		=
Type Comments		=
URL		=
Description		=
Assembly Code		=
Cost		=

[How do I manage family types?](#) OK



Option 50

Total Heat Recovery

Family Types

Type name:

Parameter	Value	
Construction		
OPT50	☒	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☐	=
Opt 23a	☐	=
15LS/15L	☐	=
Identity Data		

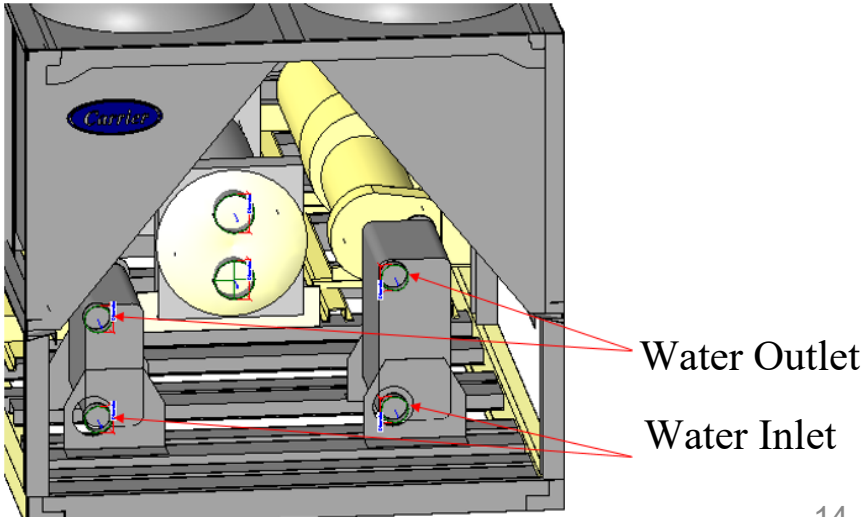
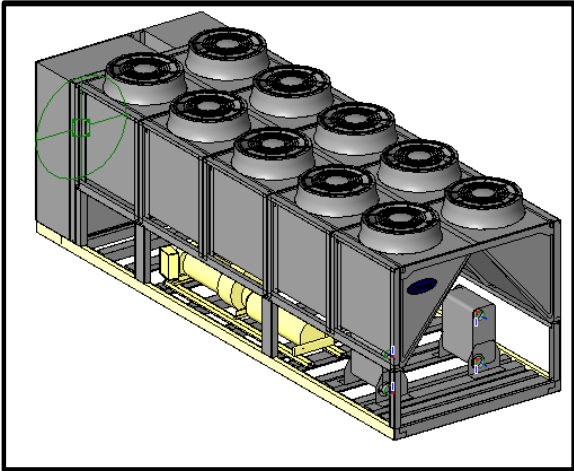








[How do I manage family types?](#)



Option 49

Partial Heat Recovery

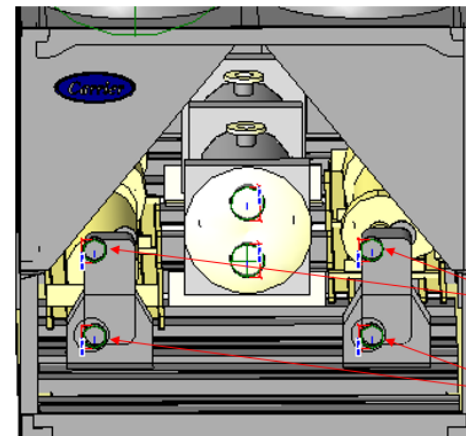
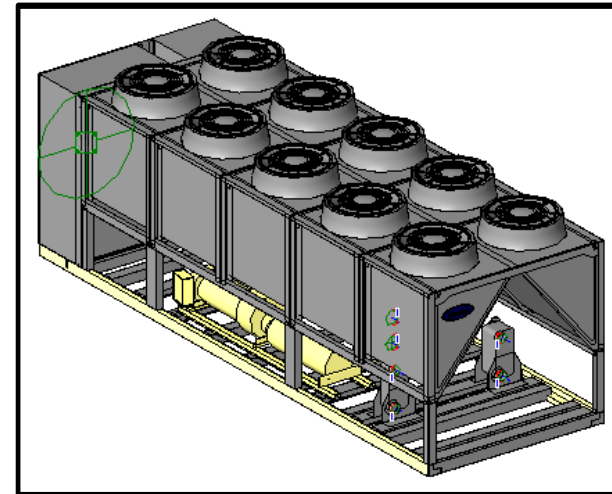
Family Types

Type name: OPT49

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☒
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☐
Opt 23a	☐
15LS/15L	☐
Identity Data	

[How do I manage family types?](#)



Water Outlet

Water Inlet

Option 266

Cooler hydraulic connection

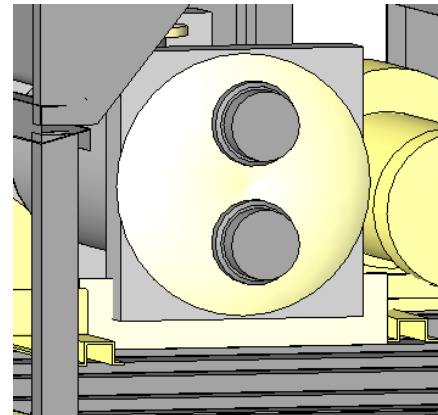
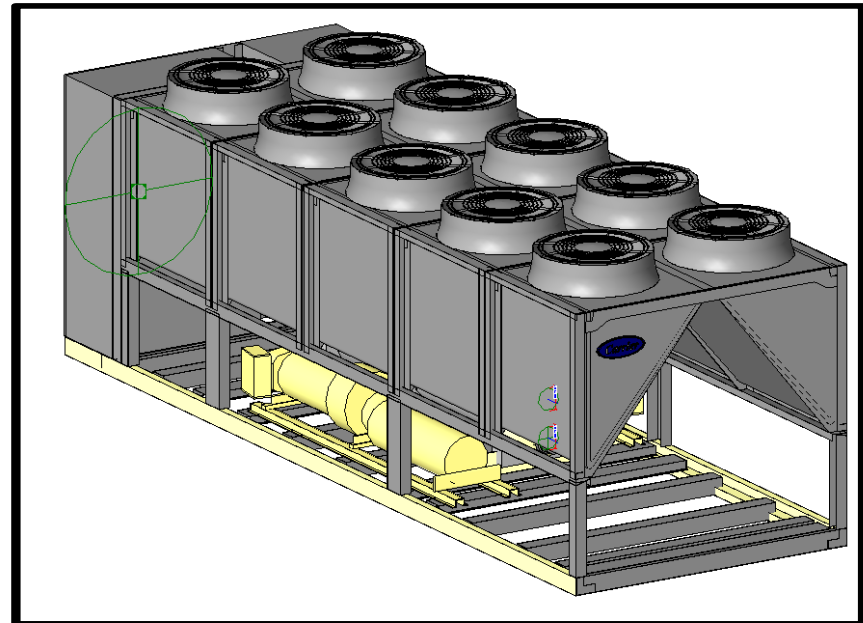
Family Types

Type name: OPT266

Search parameters

Parameter	Value
Construction	
ATEX Zone	
OPT266	☒
OPT266_116_HYDKIT_BP_HP	☐
OPT49+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50+OPT325_OPT266	☐
OPT50+OPT325_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☐
Opt 23a	☐
15LS/15L	☐
Identity Data	

[How do I manage family types?](#)



Service Area Option

Service Area - Standard Unit / HYD Kit / Heat Recovery.

Family Types

Type name:

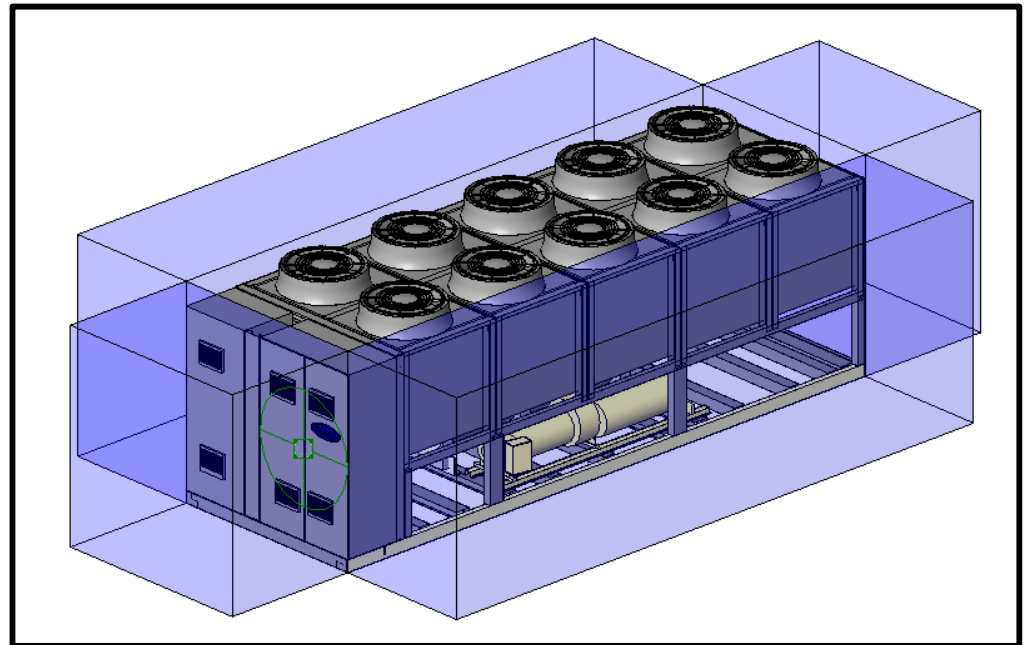
Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP_HP	☐
OPT49+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50+OPT325_OPT266	☐
OPT50+OPT325_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☒
Option_23	☐
Option293	☐
Pump BP/HP	☐
Opt 23a	☐
15LS/15L	☐
Identity Data	

<

[How do I manage family types?](#)



Service Area & ATEX Zone - ZE Units

Service Area & ATEX Zone - Standard Unit / HYD Kit / Heat Recovery

Family Types

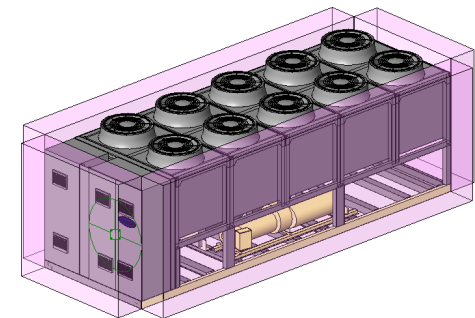
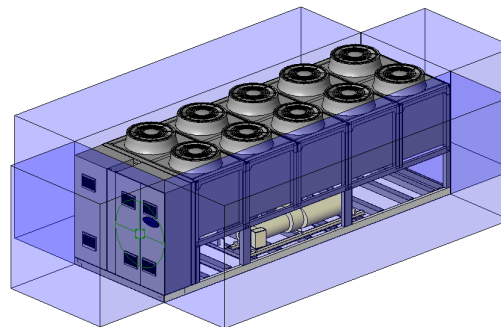
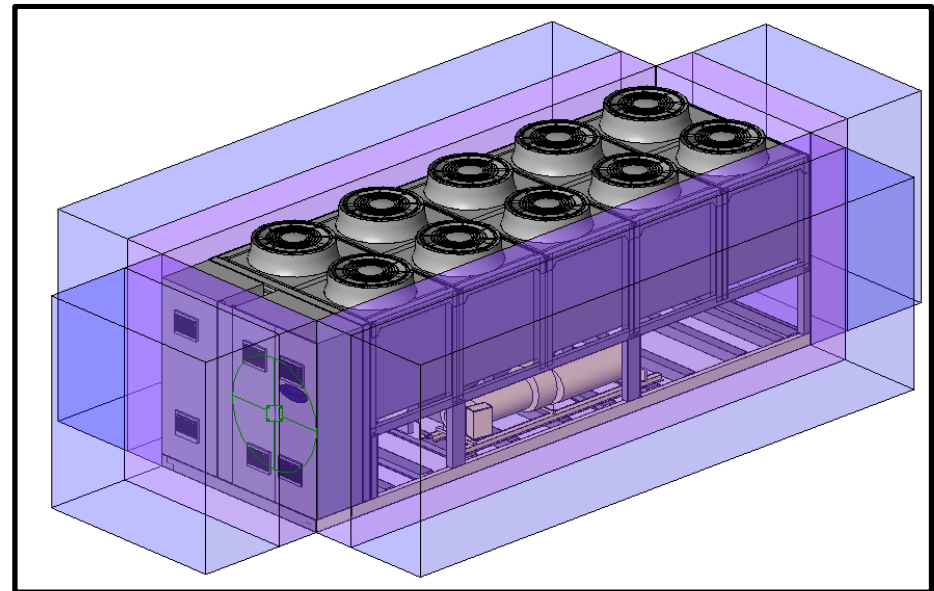
Type name: Service Area + ATEX Zone - Only ZE Units

Search parameters

Parameter	Value	
Construction		
ATEX Zone	☒	=
OPT266	☐	=
OPT266_116_HYDKIT_BP_HP	☐	=
OPT49+OPT325_OPT266	☐	=
OPT49+OPT325_OPT267	☐	=
OPT49_OPT267	☐	=
OPT50+OPT325_OPT266	☐	=
OPT50+OPT325_OPT267	☐	=
OPT50_OPT267	☐	=
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☒	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☐	=
Opt 23a	☐	=
15LS/15L	☐	=
Identity Data		
<		

How do I manage family types?

OK



Service Area

ATEX Zone

Dual Combo Units

30KAV/30KAVZE REVIT DATABASE

30KAV / 30KAVZE RANGE

Options Combinations

Opt 15L/LS + OPT 23

Opt 15L/LS + OPT23a

Opt 15L/LS + OPT116

OPT 23 + OPT 116

OPT 23a + OPT 116

Opt 116+ Opt 293

Opt50 + Opt325

Opt49 + Opt325

Opt 116+ Opt 266

30KAV0800 / 30KAVZE0600

x

x

x

x

x

x

x

x

x

SL NO	Revit Option	Description
1	Opt 15L/LS + OPT 23	Comp Enclosure+ Grill/panel
2	Opt 15L/LS + OPT 23a	Comp Enclosure+ panel
3	Opt 15L/LS + OPT116A	Comp Enclosure + Hydro Kit (BP)
4	Opt 15L/LS + OPT116W	Comp Enclosure + Hydro Kit (HP)
5	OPT 23 + OPT 116A	Grill/Panel + Hydro Kit (BP)
6	OPT 23 + OPT 116W	Grill/Panel + Hydro Kit (HP)
7	OPT 23a + OPT 116A	Panel + Hydro Kit (BP)
8	OPT 23a + OPT 116W	Panel + Hydro Kit (HP)
9	Opt 116A+ Opt 293	expansion tank+Hydro Kit (BP)
10	Opt 116W+ Opt 293	expansion tank+Hydro Kit (HP)
11	Opt 50 + Opt 325	Total Heat Recovery + Water Pipe
12	Opt 49 + Opt 325	Partial Heat Recovery + Water Pipe
13	Opt 116A + Opt 266	Hydro Kit (BP) + Cooler hydraulic connection
14	Opt 116W + Opt 266	Hydro Kit (HP) + Cooler hydraulic connection

Option 15/15LS+Option23

Family Types

Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☒	=
Option293	☐	=
Pump BP/HP	☐	=
Opt 23a	☐	=
15LS/15L	☒	=
Identity Data		



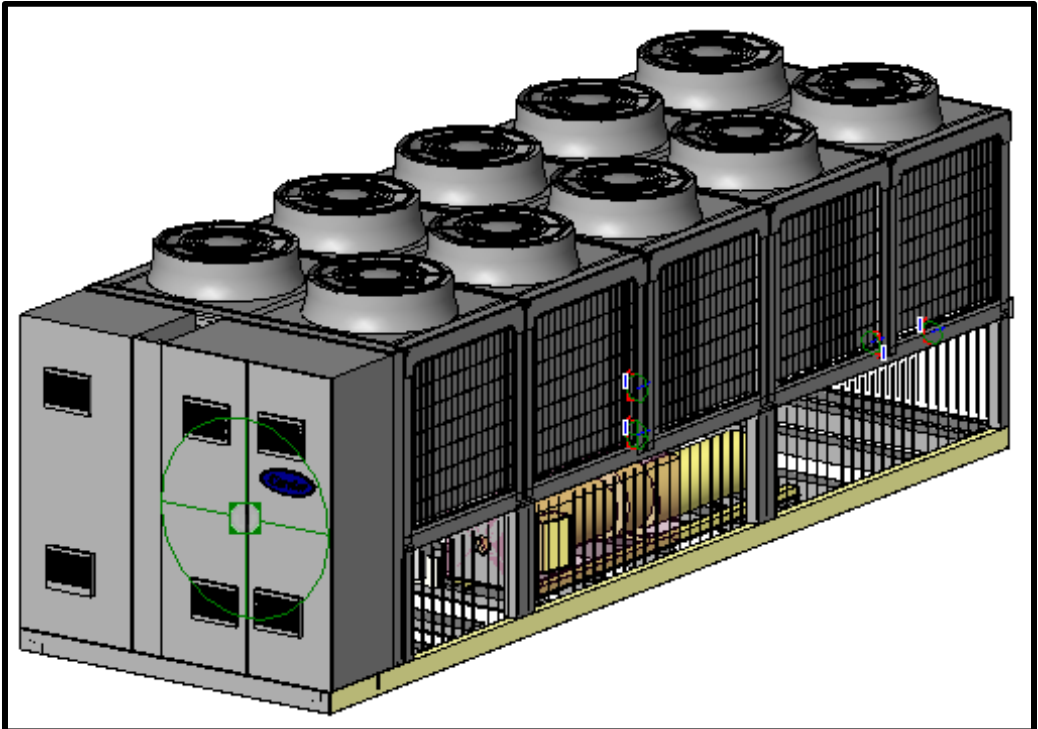






How do I manage family types?

OK



Option 15/15LS+Option23a

Family Types

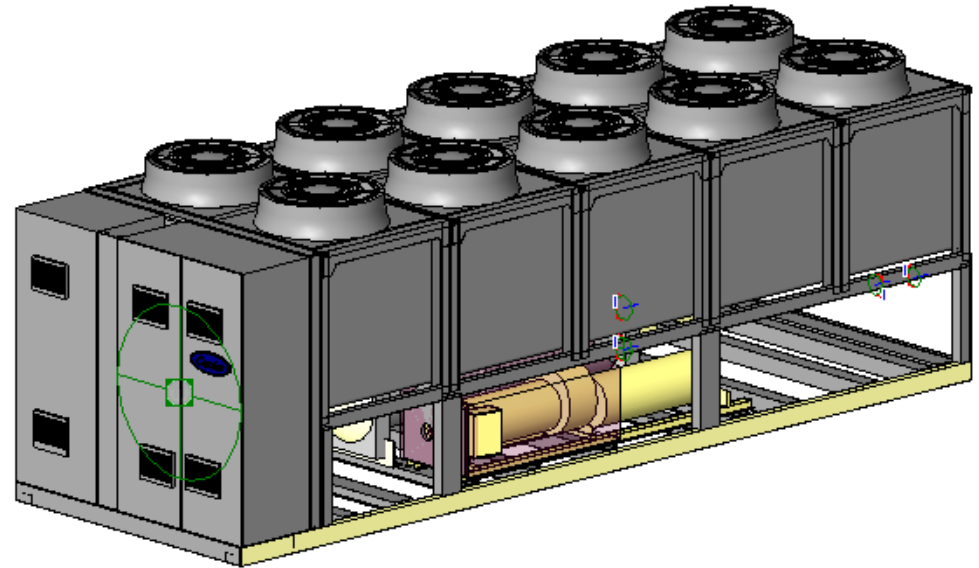
Type name: Opt 15L/LS + OPT 23a

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☐
Opt 23a	☒
15LS/15L	☒
Identity Data	

[How do I manage family types?](#)



Option 116A+Option15/15LS

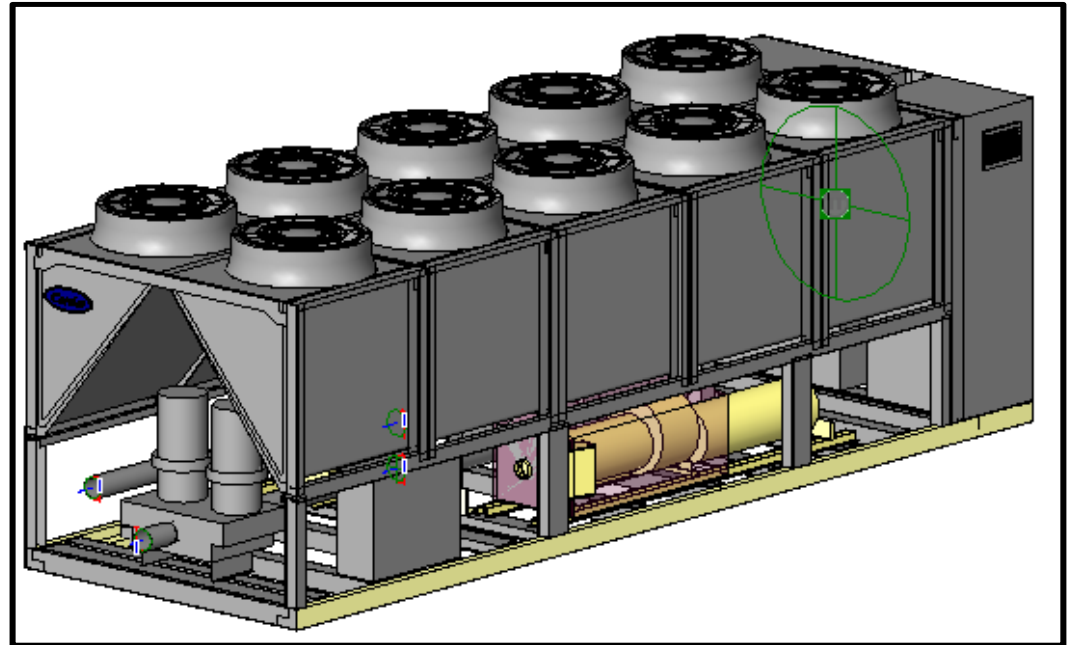
Family Types

Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☒
Opt 23a	☐
15LS/15L	☒
Identity Data	

[How do I manage family types?](#)



Option 116W+Option15/15LS

Family Types

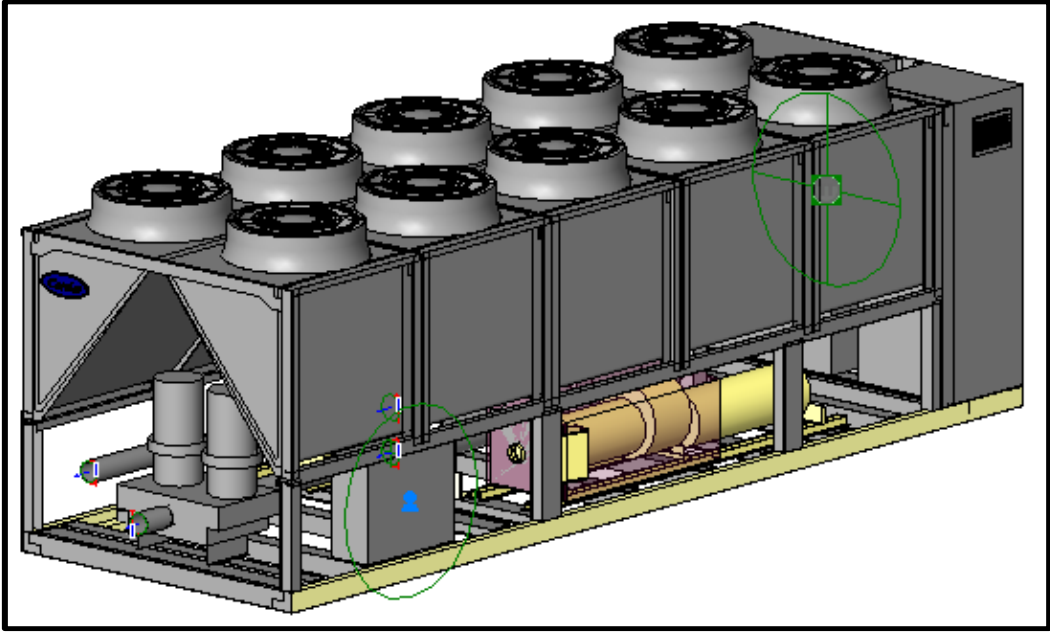
Type name: Opt 15L/LS + OPT116W

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☒
Opt 23a	☐
15LS/15L	☒
Identity Data	

[How do I manage family types?](#)

OK



Option 116A+Option23

Family Types

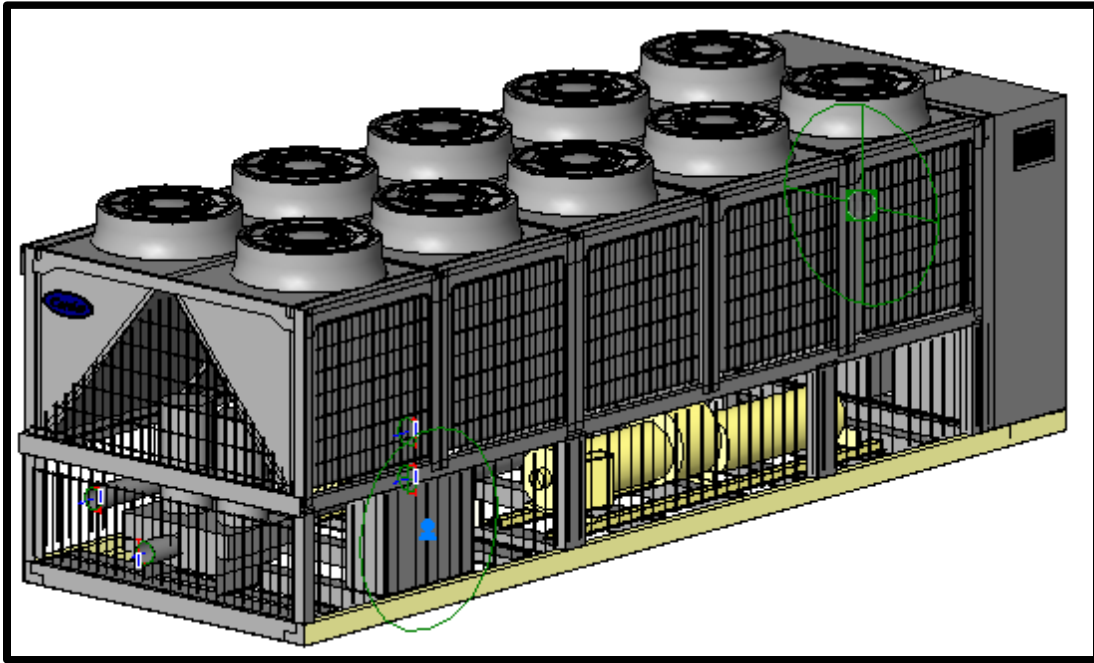
Type name: OPT 23 + OPT 116A

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☒	=
Option293	☐	=
Pump BP/HP	☒	=
Opt 23a	☐	=
15LS/15L	☐	=
Identity Data		

✎ ✨ ✖ ⬆ ⬇ ⬇⬇ ⬆⬆

[How do I manage family types?](#) OK



Option 116A+Option23a

Family Types

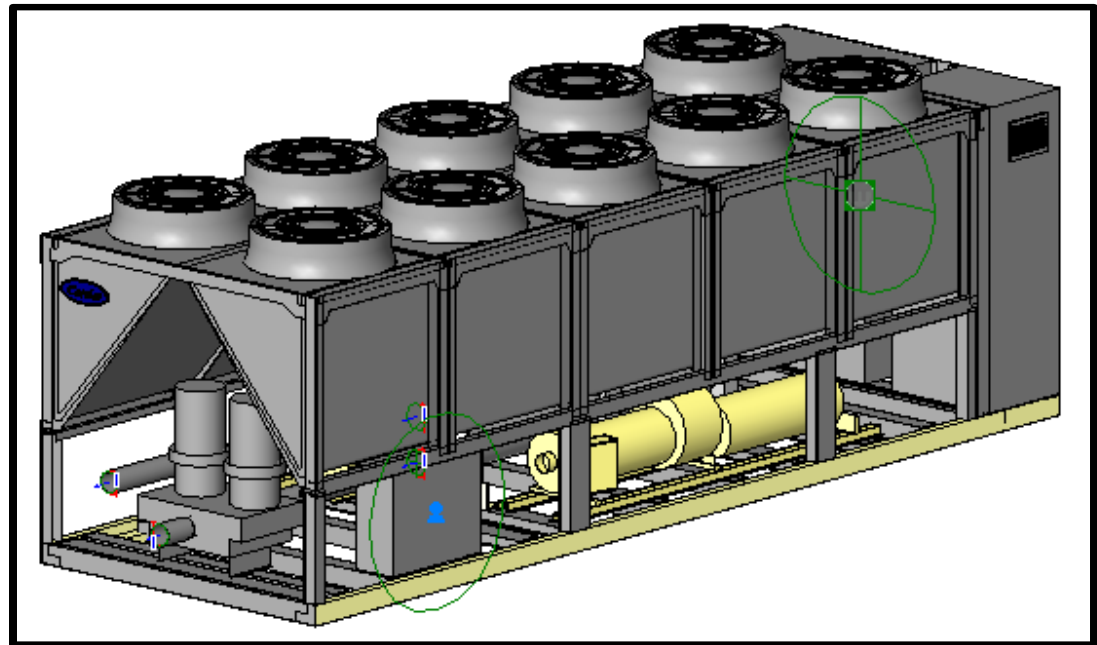
Type name: OPT 23a + OPT 116A

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☒	=
Opt 23a	☒	=
15LS/15L	☐	=
Identity Data		

How do I manage family types?

OK



Option 116W+Option23

Family Types

Type name: **OPT 23 + OPT 116W**

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☒
Option293	☐
Pump BP/HP	☒
Opt 23a	☐
15LS/15L	☐
Identity Data	

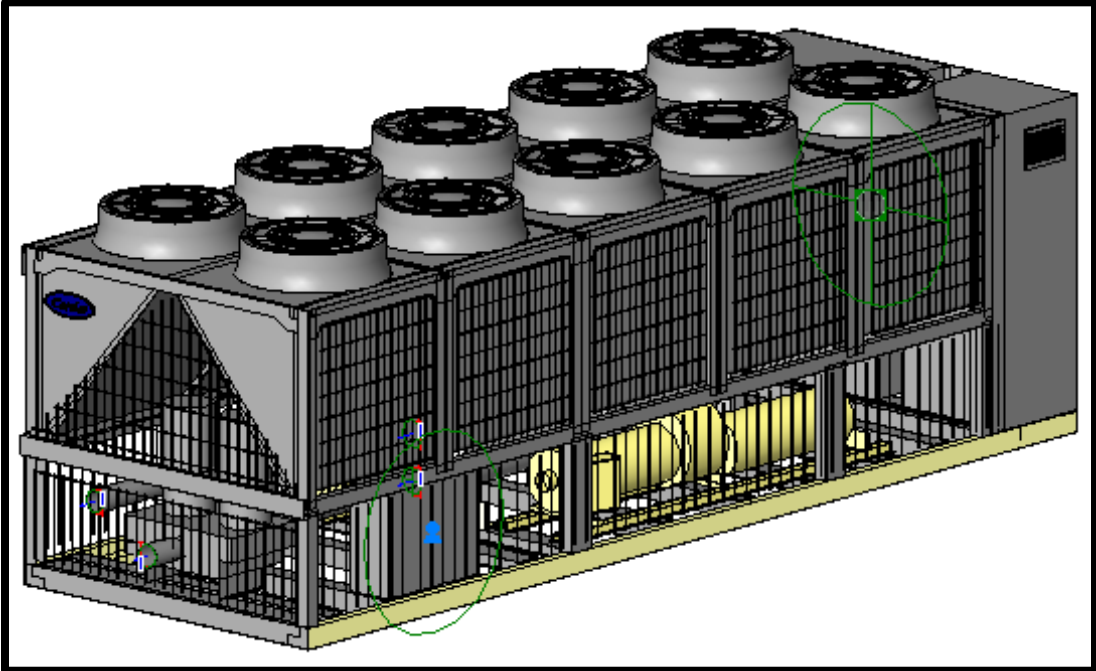








[How do I manage family types?](#) OK



Option 116W+Option23a

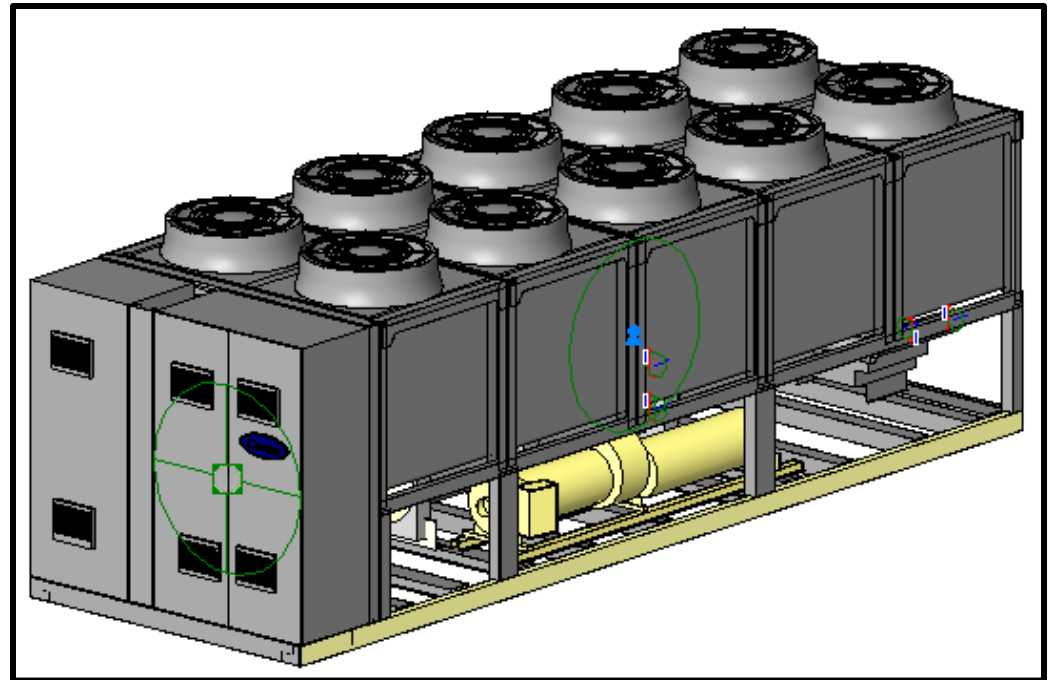
Family Types

Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☒
Opt 23a	☒
15LS/15L	☐
Identity Data	

How do I manage family types?



Option 116+Option293

1) In this slide only 116A is shown. Same way 116W is also configured

Family Types

Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☒	=
Pump BP/HP	☒	=
Opt 23a	☐	=
15LS/15L	☐	=
Identity Data		



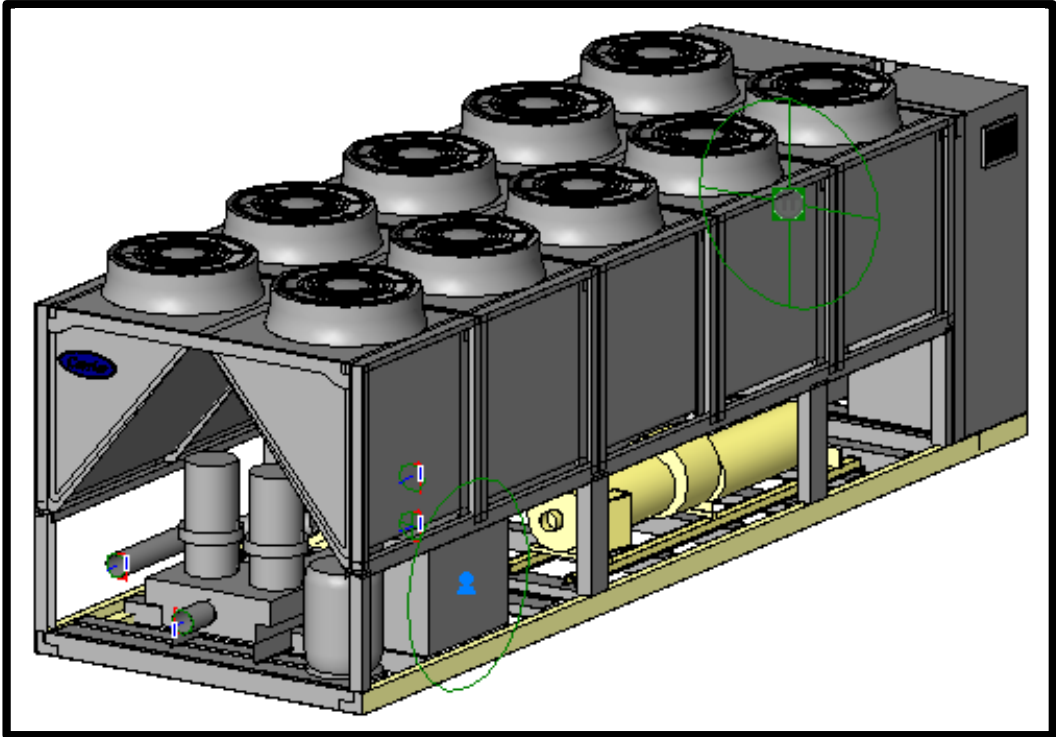




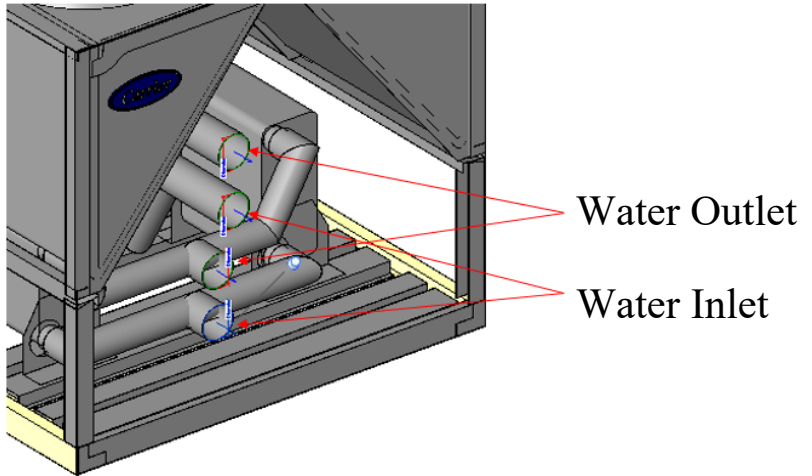
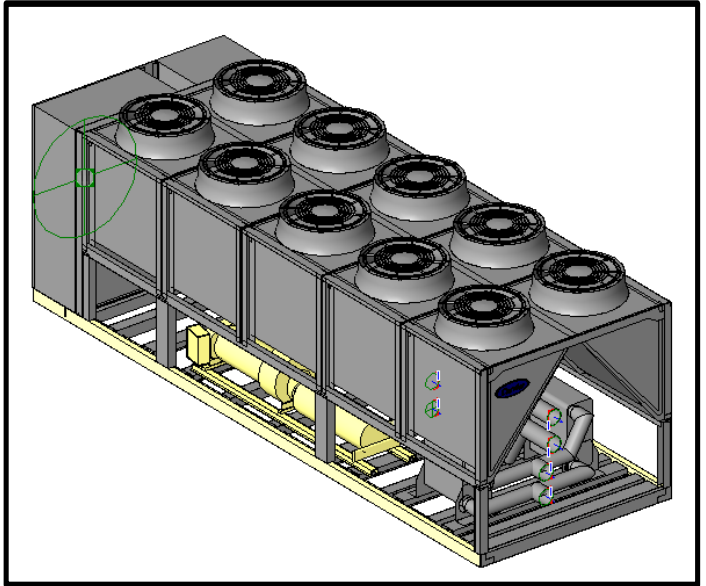


[How do I manage family types?](#)

OK



Option50 + Option325

[illegible]

Option49 + Option325

Family Types

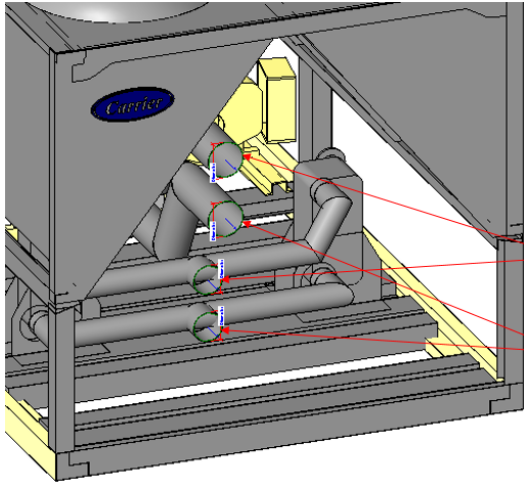
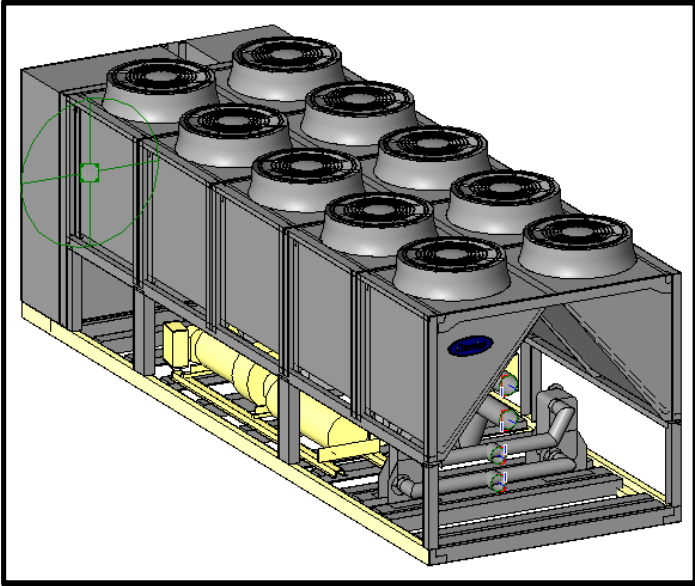
Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☒	=
OPT325 for OPT49	☒	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Pump BP/HP	☐	=
Opt 23a	☐	=
15LS/15L	☐	=
Identity Data		

[How do I manage family types?](#)

OK



Water Outlet

Water Inlet

Option 116 + Option 266

1) In this slide only Opt116A is shown. Same way Opt116W is also configured.

Family Types

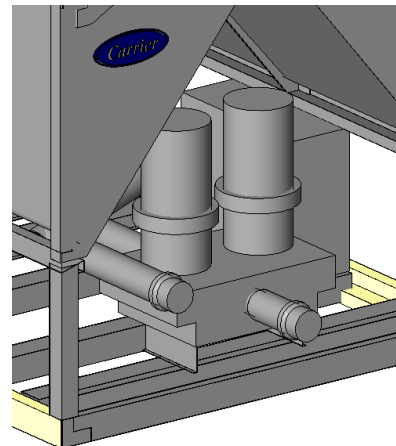
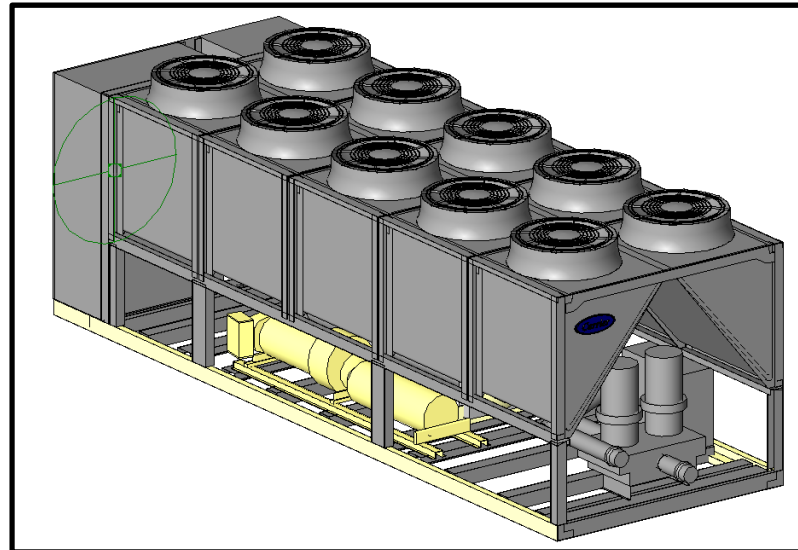
Type name:

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP_HP	☒
OPT49+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50+OPT325_OPT266	☐
OPT50+OPT325_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☒
Opt 23a	☐
15LS/15L	☐
Identity Data	
<	

[How do I manage family types?](#)



Triple Combo Units

30KAV / 30KAVZE REVIT DATABASE

30KAV / 30KAVZE RANGE	Options Combinations						
	Opt 15L/LS + OPT23+Opt116	Opt 15L/LS + OPT23a+Opt116	Opt 15L/LS + OPT293+Opt116	OPT 23 + OPT 116+Opt293	OPT 23a + OPT 116+Opt293	OPT 50 + OPT 266 + Opt267	OPT 49 + OPT 266 + Opt267
30KAV0800 / 30KAVZE0600	x	x	x	x	x	x	x

SL NO	Revit Option	Description
1	Opt 15L/LS + OPT23+Opt116A	Comp Enclosure+ Grill/panel+Hydro Kit (BP)
2	Opt 15L/LS + OPT23+Opt116W	Comp Enclosure+ Grill/panel+Hydro Kit (HP)
3	Opt 15L/LS + OPT23a+Opt116A	Comp Enclosure+ panel+Hydro Kit (BP)
4	Opt 15L/LS + OPT23a+Opt116W	Comp Enclosure+ panel+Hydro Kit (HP)
5	Opt 15L/LS + OPT293+Opt116A	Comp Enclosure+ expansion tank+Hydro Kit (BP)
6	Opt 15L/LS + OPT293+Opt116W	Comp Enclosure+ expansion tank+Hydro Kit (HP)
7	OPT 23 + OPT 116A+Opt293	Grill/panel+ expansion tank+Hydro Kit (BP)
8	OPT 23 + OPT 116W+Opt293	Grill/panel+ expansion tank+Hydro Kit (HP)
9	OPT 23a + OPT 116A+Opt293	panel+ expansion tank+Hydro Kit (BP)
10	OPT 23a + OPT 116W+Opt293	panel+ expansion tank+Hydro Kit (HP)
11	OPT 50 + OPT 266 + Opt267	Total Heat Recovery + Cooler hydraulic connection + BPHE hydraulic connection
12	OPT 49 + OPT 266 + Opt267	Partial Heat Recovery + Cooler hydraulic connection + BPHE hydraulic connection

Option 15L/15LS+Option23 + Option116

1) In this slide only 116A is shown. Same way 116W is also configured

Family Types

Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☒	=
Option293	☐	=
Pump BP/HP	☒	=
Opt 23a	☐	=
15LS/15L	☒	=
Identity Data		

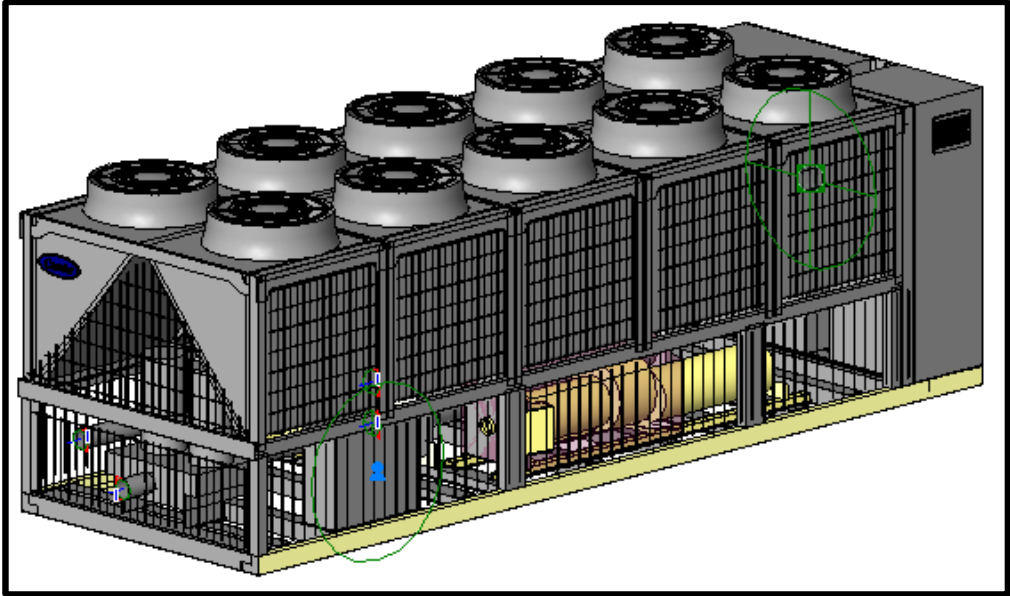






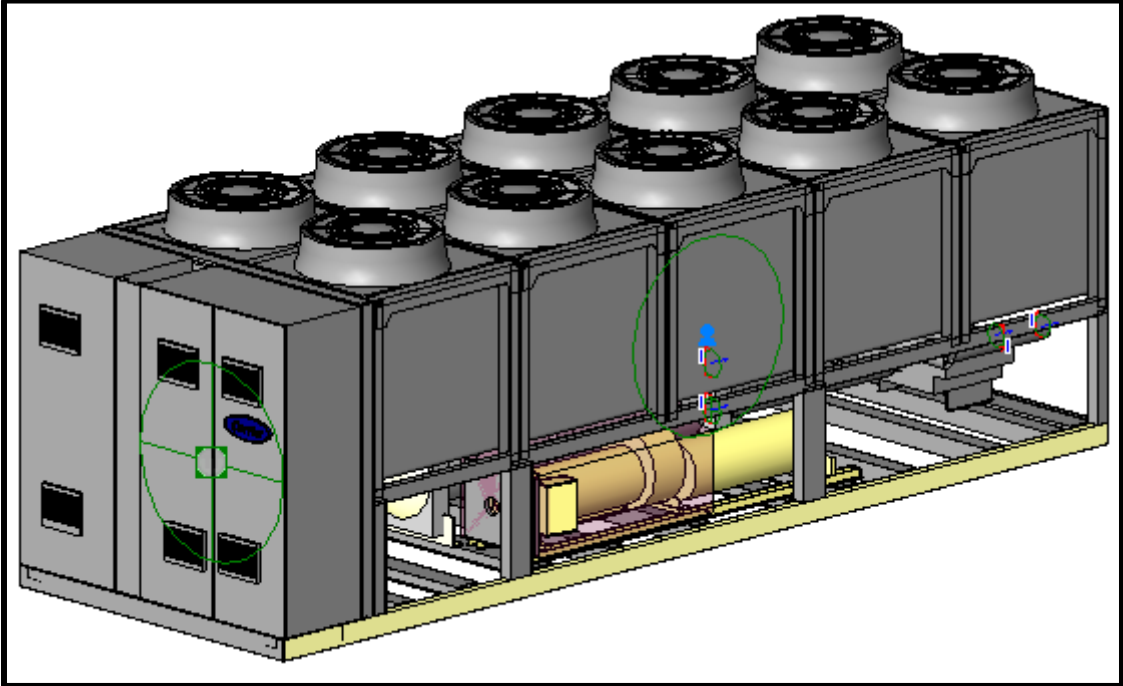


[How do I manage family types?](#) OK



Option 15L/15LS+Option23a + Option116

1) In this slide only 116A is shown. Same way 116W is also configured

[illegible]

Option 15L/15LS+Option293 + Option116

1) In this slide only 116A is shown. Similar way 116W is also mapped

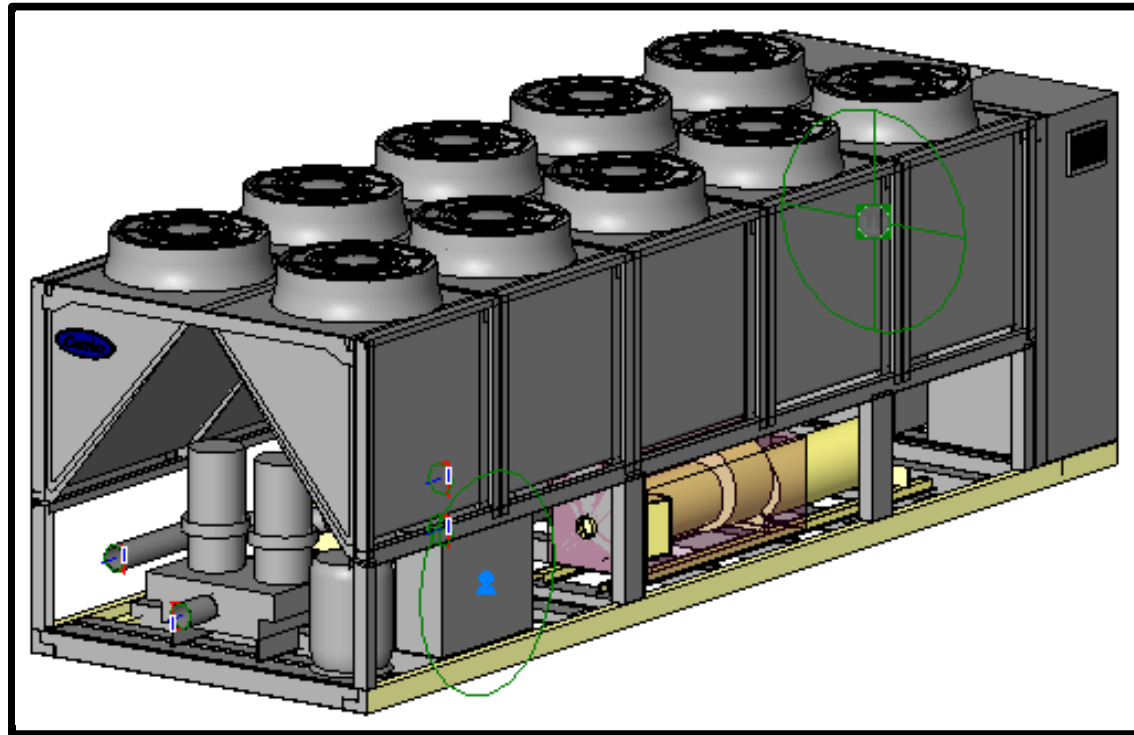
Family Types

Type name: Opt 15L/LS + OPT293+Opt116W

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☒
Pump BP/HP	☒
Opt 23a	☐
15LS/15L	☒
Identity Data	

How do I manage family types?



OPT 23 + OPT 116+Opt293

1) In this slide only 116A is shown. Similar way 116W is also mapped

Family Types

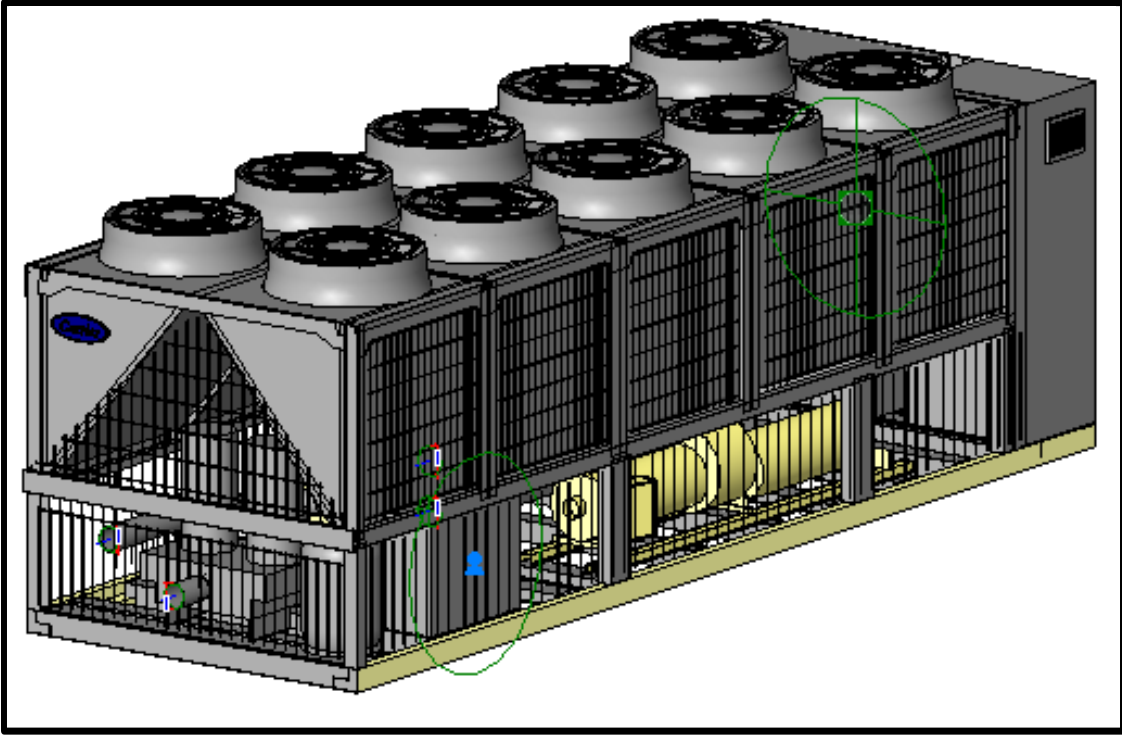
Type name: OPT 23 + OPT 116 A+Opt293

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☒	=
Option293	☒	=
Pump BP/HP	☒	=
Opt 23a	☐	=
15LS/15L	☐	=
Identity Data		

How do I manage family types?

OK



OPT 23a + OPT 116+Opt293

1) In this slide only 116A is shown. Similar way 116W is also mapped

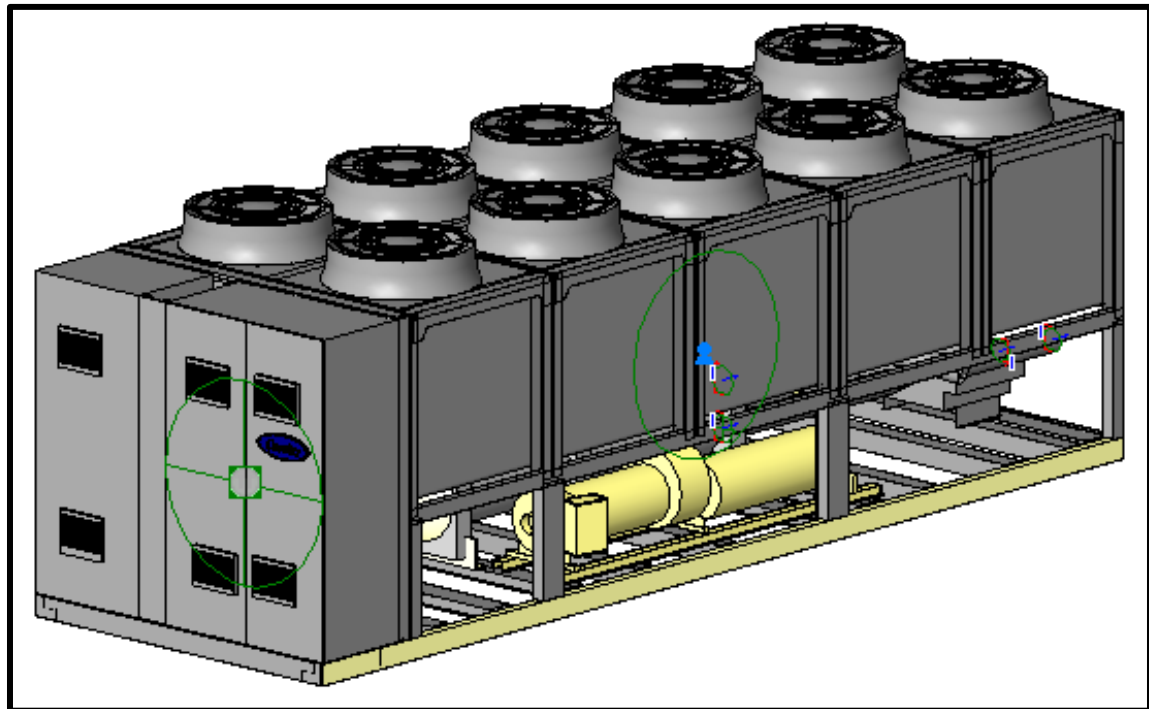
Family Types

Type name: OPT 23a + OPT 116A+Opt293

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☒
Pump BP/HP	☒
Opt 23a	☒
15LS/15L	☐
Identity Data	

How do I manage family types?



OPT 50 + OPT 266 + Opt267

1) In this slide only Opt50 is shown. Same way Opt49 is also configured.

Family Types

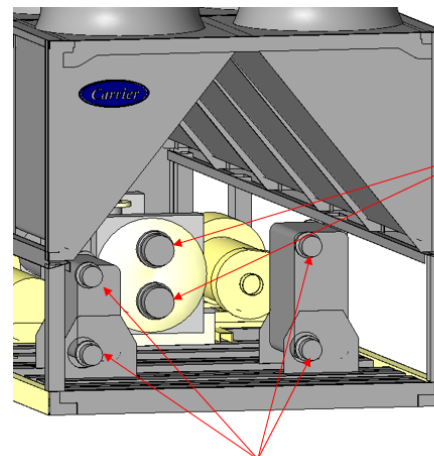
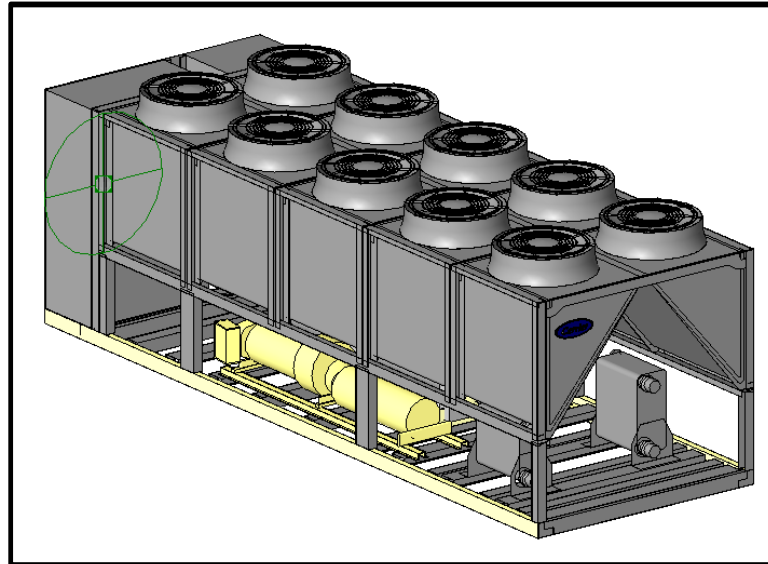
Type name: OPT50 + OPT266 + OPT267

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☒
OPT266_116_HYDKIT_BP_HP	☐
OPT49+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50+OPT325_OPT266	☐
OPT50+OPT325_OPT267	☐
OPT50_OPT267	☒
OPT50	☒
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Pump BP/HP	☐
Opt 23a	☐
15LS/15L	☐
Identity Data	
<	

How do I manage family types?

OK



Opt 266

Opt 267

4 Combo Units

<i><u>30KAV / 30KAVZE REVIT DATABASE</u></i>				
<u>30KAV / 30KAVZE</u> <u>RANGE</u>	<u>Options Combinations</u>			
	Opt 15L/LS + OPT23+Opt116+OPT293	Opt 15L/LS + OPT23a+Opt116+OPT293	Opt 50 + Opt 325 + Opt266 + Opt267	Opt 49 + Opt 325 + Opt266 + Opt267
30KAV0800 / 30KAVZE0600	x	x	x	x

SL NO	Revit Option	Description
1	Opt 15L/LS + OPT23+Opt116A+OPT293	Comp Enclosure+ Grill/panel+expansion tank+Hydro Kit (BP)
2	Opt 15L/LS + OPT23+Opt116W+OPT293	Comp Enclosure+ Grill/panel+expansion tank+Hydro Kit (BP)
3	Opt 15L/LS + OPT23a+Opt116A+OPT293	Comp Enclosure+ panel+expansion tank+Hydro Kit (BP)
4	Opt 15L/LS + OPT23a+Opt116W+OPT293	Comp Enclosure+ panel+expansion tank+Hydro Kit (BP)
5	OPT 50 + OPT325 + OPT 266 + Opt267	Total Heat Recovery + Water pipe + Cooler hydraulic connection + BPHE hydraulic connection
6	OPT 49 + OPT325 + OPT 266 + Opt267	Partial Heat Recovery + Water pipe + Cooler hydraulic connection + BPHE hydraulic connection

Opt 15L/LS + OPT23+Opt116 +OPT293

1) In this slide only 116A is shown. Similar way 116W is also mapped

Family Types

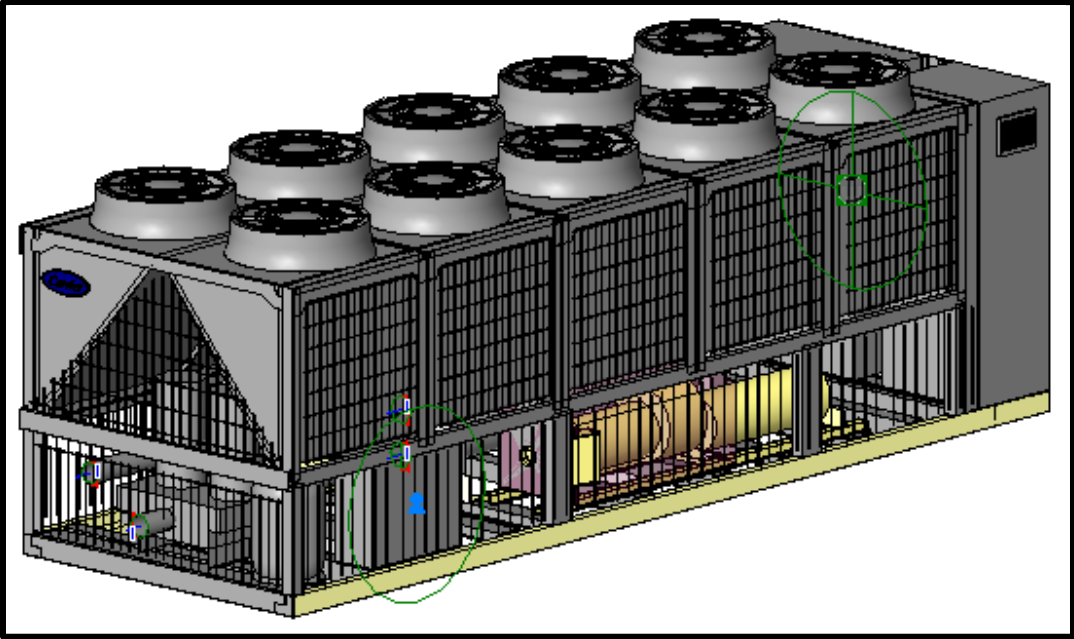
Type name:

[Search parameters](#)

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☒	=
Option293	☒	=
Pump BP/HP	☒	=
Opt 23a	☐	=
15LS/15L	☒	=
Identity Data		

[How do I manage family types?](#)

OK



Opt 15L/LS + OPT23a+Opt116 +OPT293

1) In this slide only 116A is shown. Similar way 116W is also mapped

Family Types

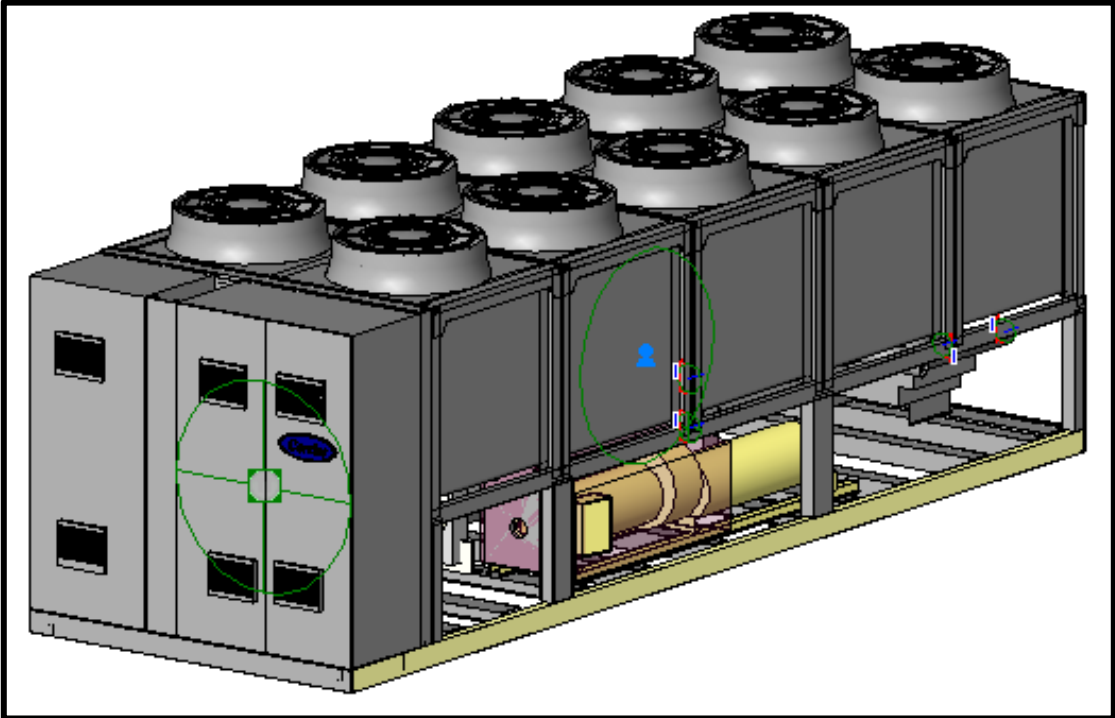
Type name: Opt 15L/LS + OPT23a+Opt116A+OPT293

Search parameters

Parameter	Value
Construction	
OPT50	=
OPT325 for OPT50	=
OPT49	=
OPT325 for OPT49	=
Service Area	=
Option_23	=
Option293	=
Pump BP/HP	=
Opt 23a	=
15LS/15L	=
Identity Data	

How do I manage family types?

OK



OPT 50 + OPT325 + OPT 266 + Opt267

1) In this slide only Opt50 is shown. Same way Opt49 is also configured.

Family Types

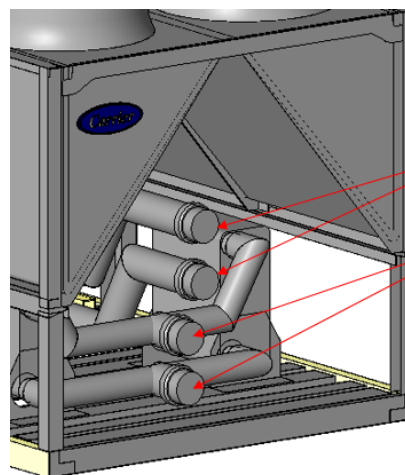
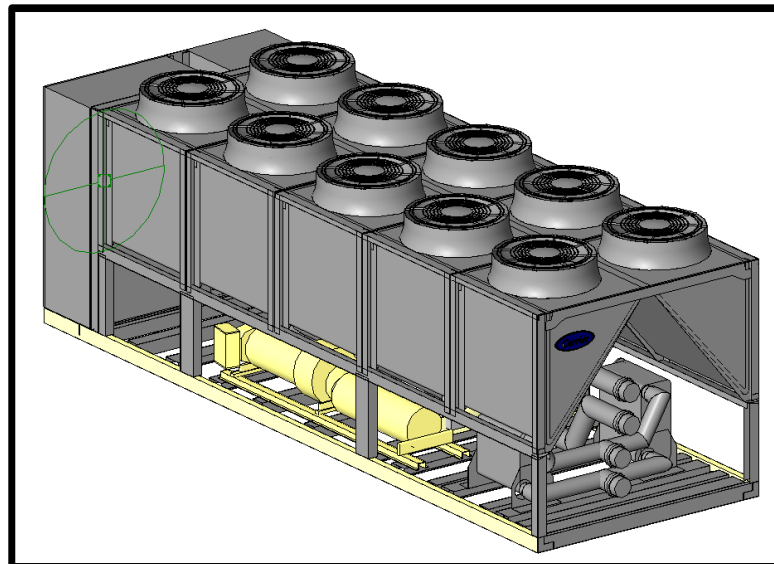
Type name: OPT50 + OPT325 + OPT266 + OPT267

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP_HP	☐
OPT49+ OPT325_OPT266	☐
OPT49+ OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50+ OPT325_OPT266	☒
OPT50+ OPT325_OPT267	☒
OPT50_OPT267	☐
OPT50	☒
OPT325 for OPT50	☒
OPT49	☐
OPT325 for OPT49	☐
Service Area	
Option_23	☐
Option293	☐
Pump BP/HP	☐
Opt 23a	☐
15LS/15L	☐
Identity Data	
<	

How do I manage family types?

OK



Opt 266

Opt 267

IMPORTANT:-

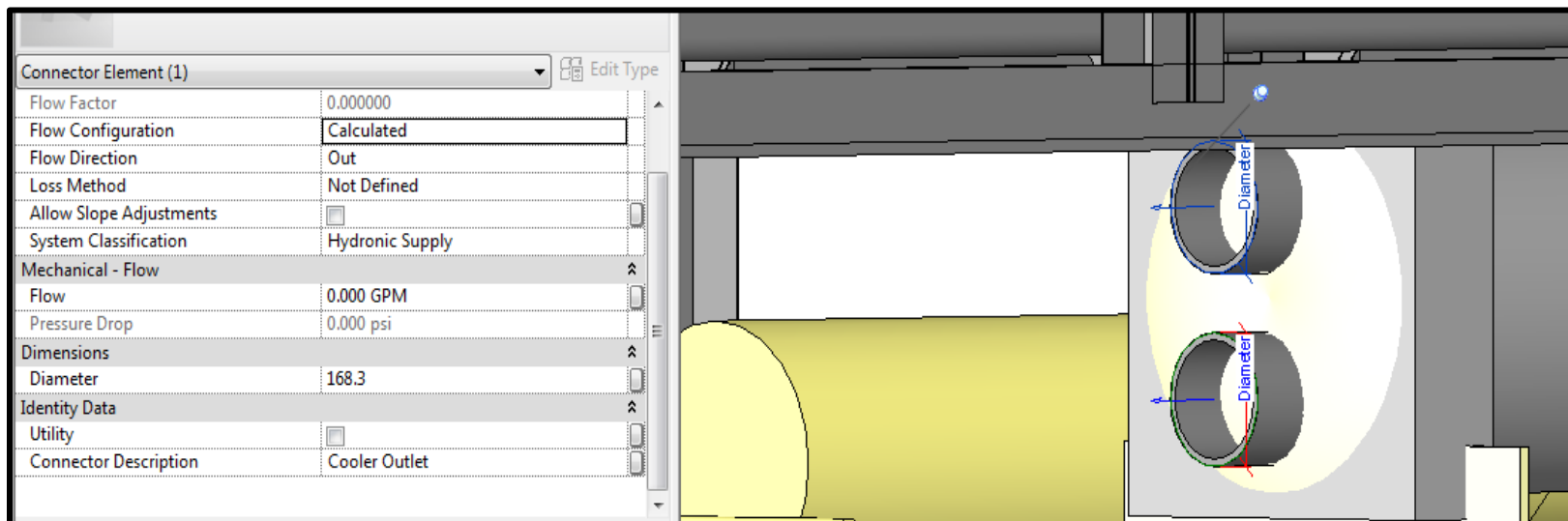
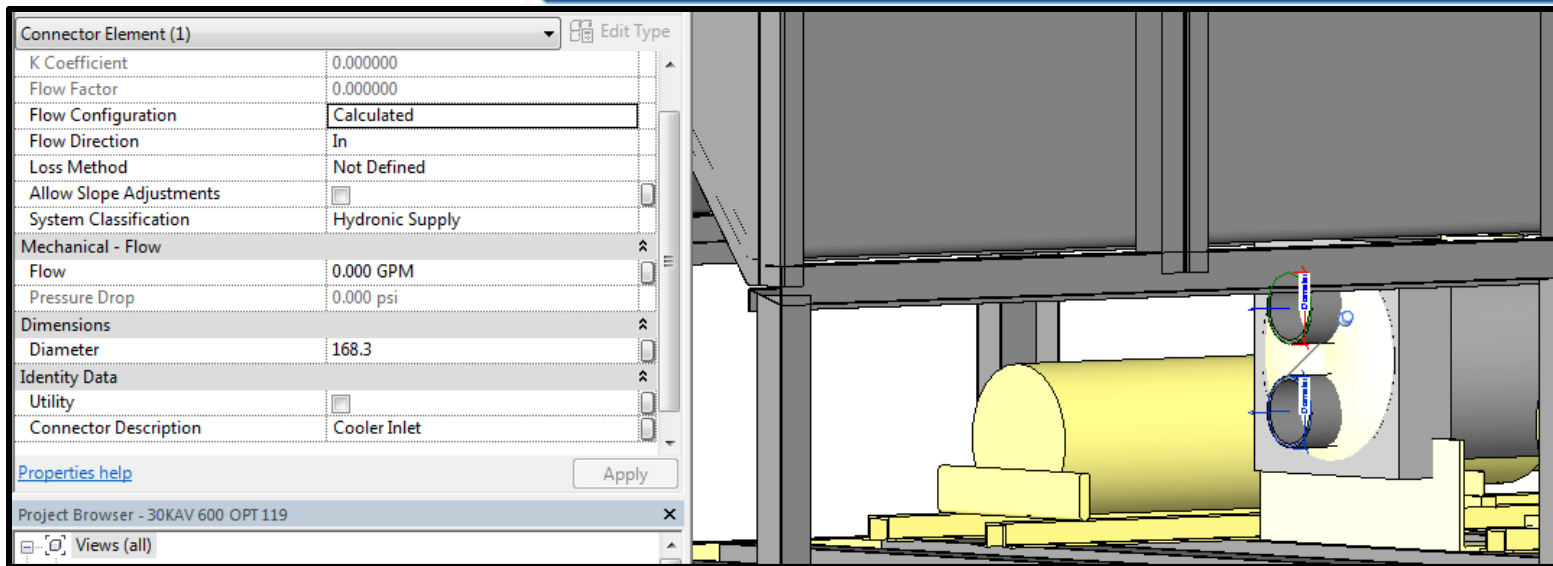
Connectors Used-

- 1) Cooler Inlet /Outlet
- 2) Chiller Inlet/ Pump Inlet.
- 3) Chiller Outlet.
- 4) Total Heat Recovery (Opt50) Inlet / Outlet
- 5) Partial Heat Recovery (Opt49) Inlet / Outlet
- 6) Total Heat Recovery (Opt50) + Opt325 Inlet / Outlet
- 7) Partial Heat Recovery (Opt49) + Opt325 Inlet / Outlet
- 8) Electrical Box

Connector Information are read by clicking on the arrow Provided as shown.

NOTE: 1) Connector are associated with the geometry profile of the unit.

Cooler Inlet / Outlet



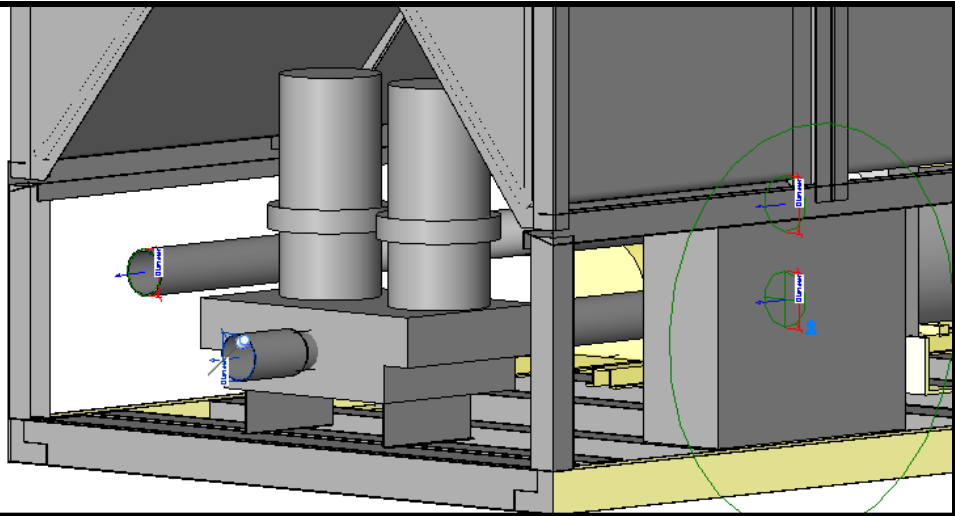
Chiller Inlet / Outlet (Customer Connection)

Connector Element (1) Edit Type

Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Dimensions	
Diameter	139.7
Identity Data	
Utility	☐
Connector Description	Chiller Inlet

[Properties help](#) Apply

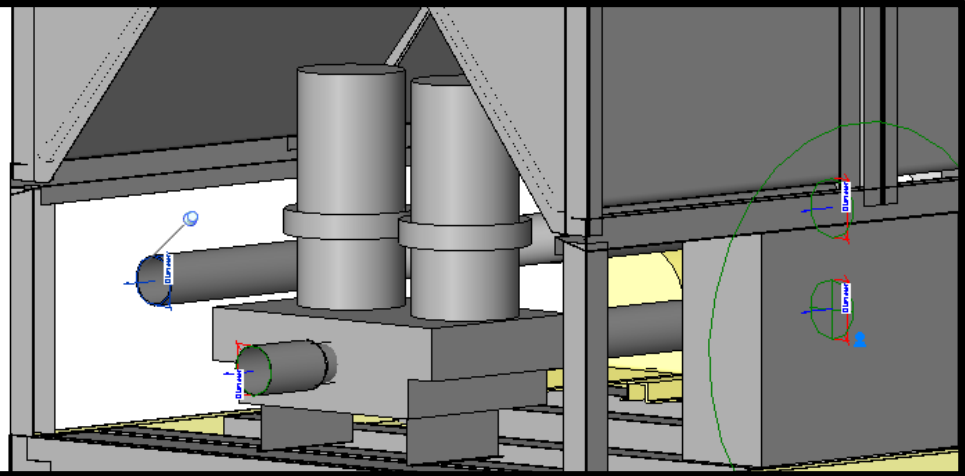
Project Browser - 30KAV800 X



Connector Element (1) Edit Type

Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Dimensions	
Diameter	139.7
Identity Data	
Utility	☐
Connector Description	Chiller Outlet

[Properties help](#) Apply

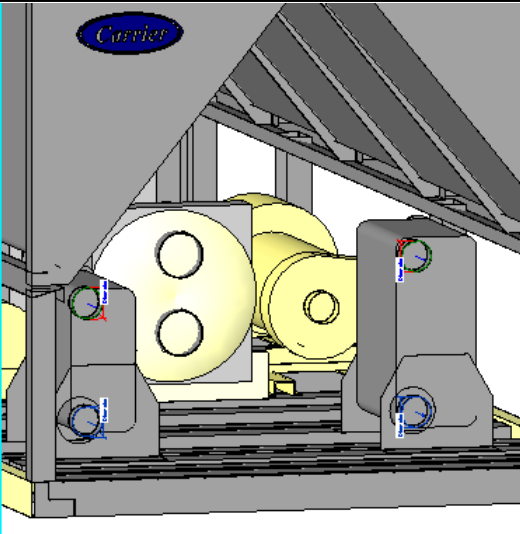


Total Heat Recovery (Opt50) Inlet / Outlet

Multiple Families Selected

Connector Element (2) Edit Type

Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility	☐
Connector Description	Water_Inlet

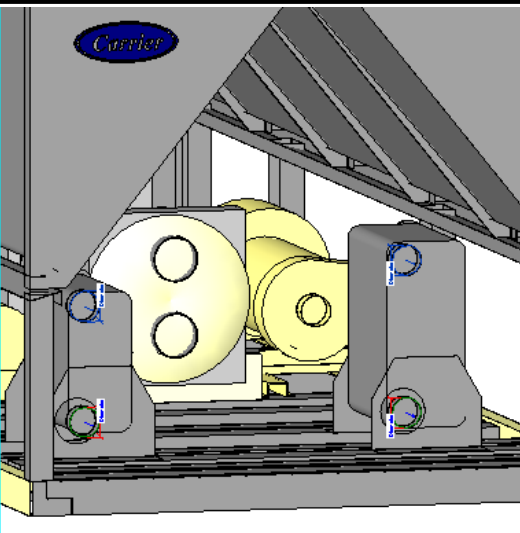


The image shows a 3D CAD model of a Carrier HVAC unit. A yellow cylindrical component, likely a coil, is visible. A blue connector is attached to the side of the unit, with a red arrow indicating the flow direction into the unit. The connector is labeled 'Water_Inlet' in the properties panel.

Multiple Families Selected

Connector Element (2) Edit Type

Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Return
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility	☐
Connector Description	Water_Outlet



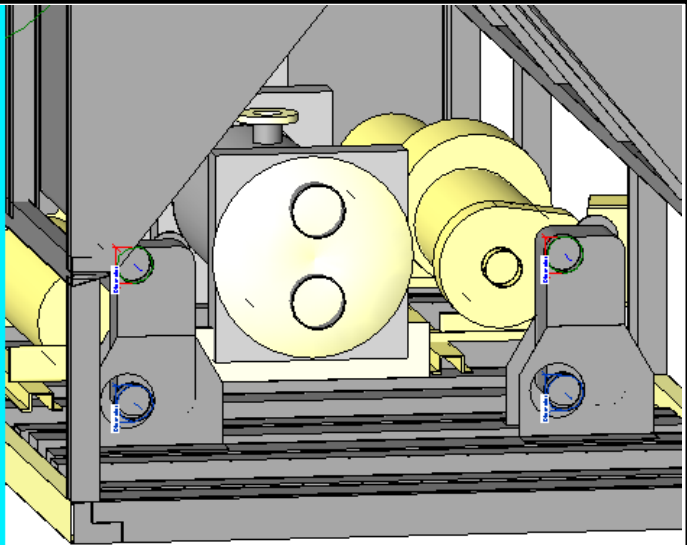
The image shows a 3D CAD model of a Carrier HVAC unit, similar to the one above. A blue connector is attached to the side of the unit, with a red arrow indicating the flow direction out of the unit. The connector is labeled 'Water_Outlet' in the properties panel.

Partial Heat Recovery (Opt49) Inlet / Outlet

Multiple Families Selected

Connector Element (2) Edit Type

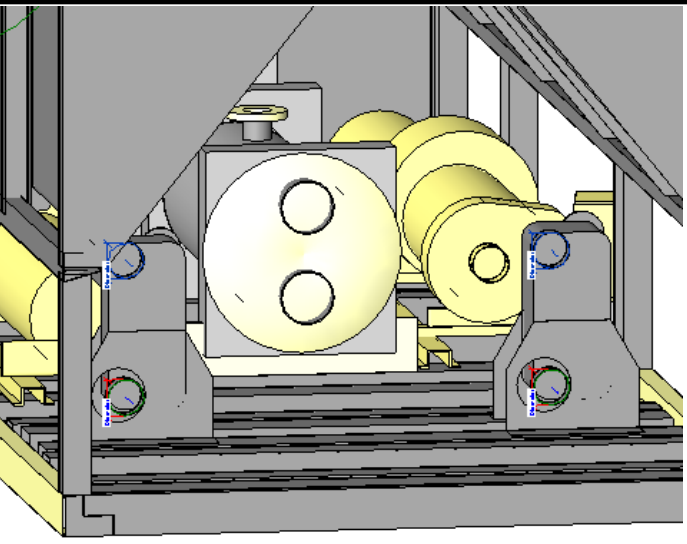
Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility	☐
Connector Description	Water_Inlet



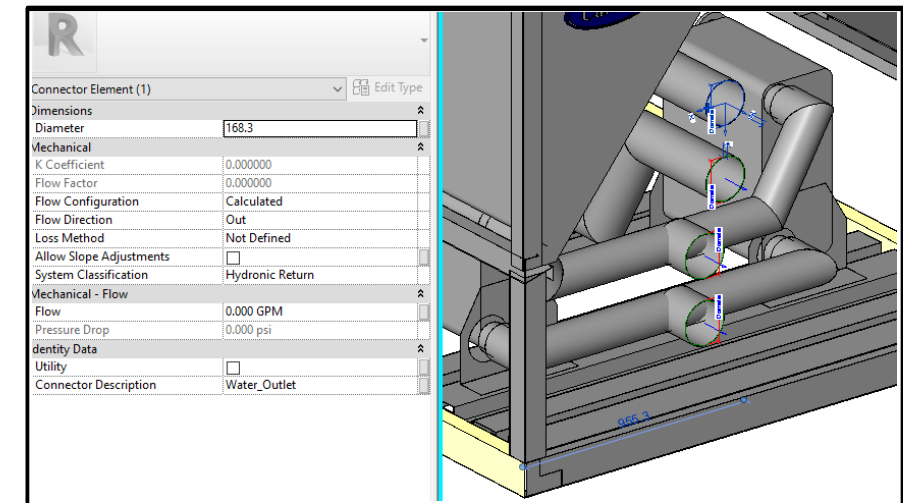
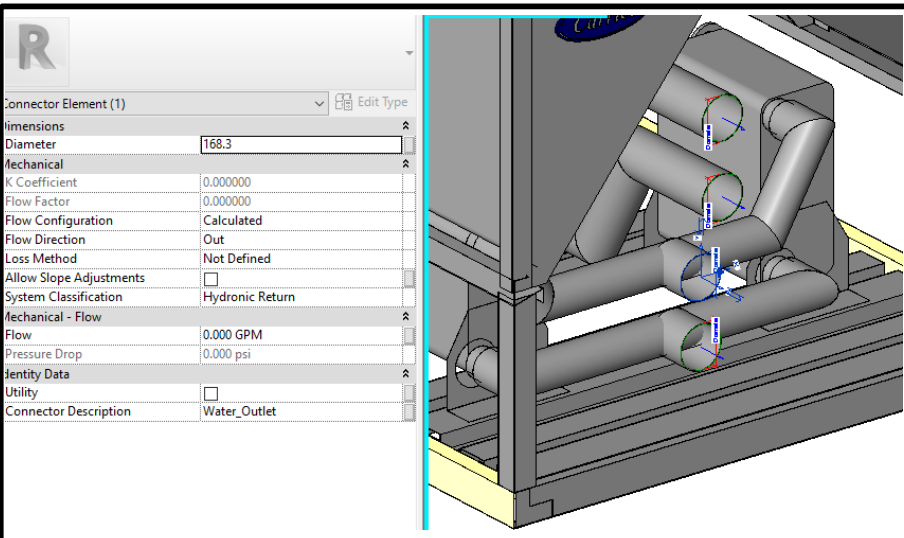
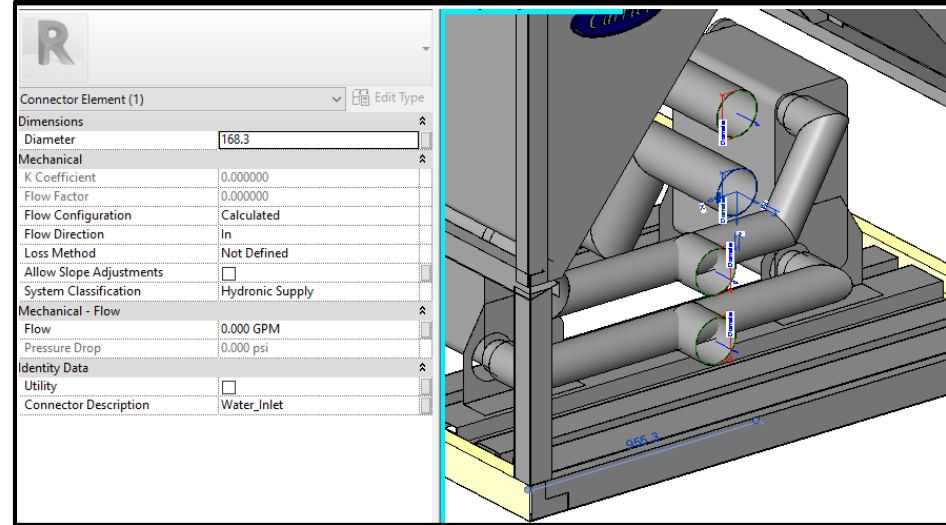
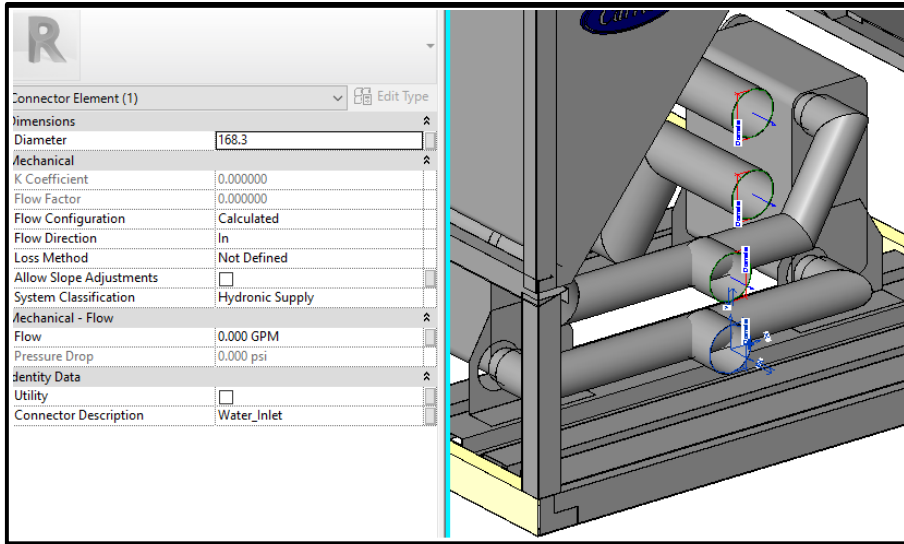
Multiple Families Selected

Connector Element (2) Edit Type

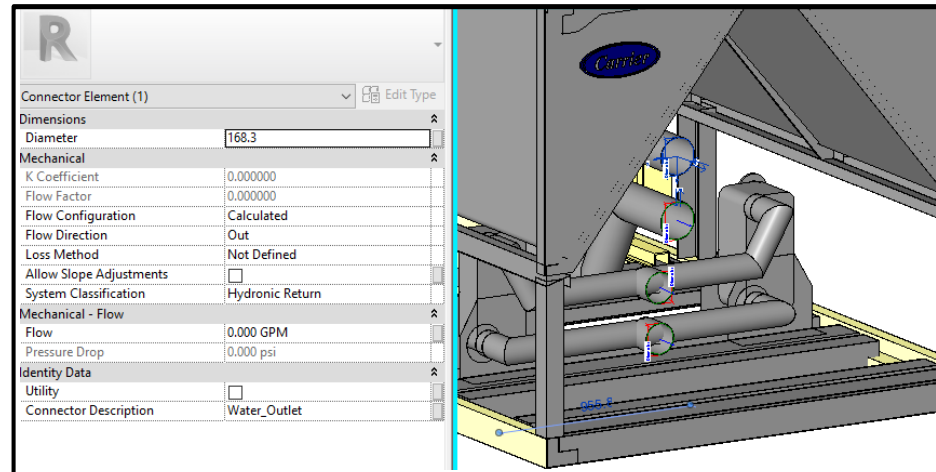
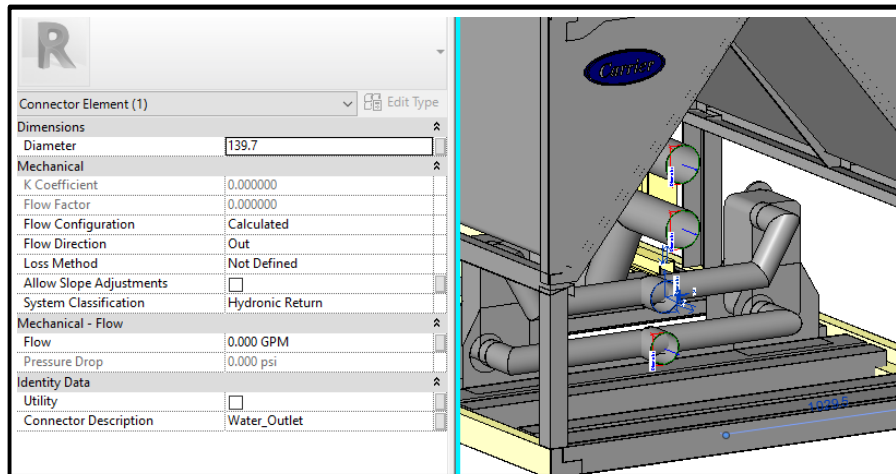
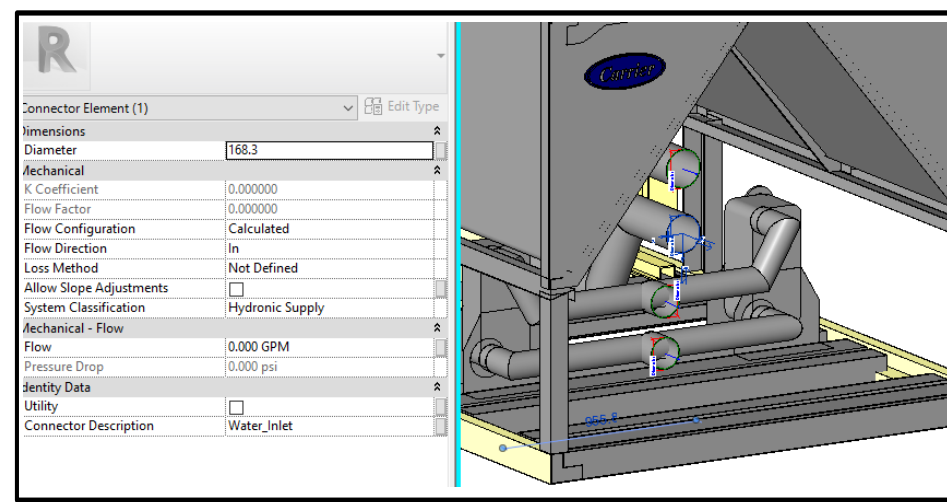
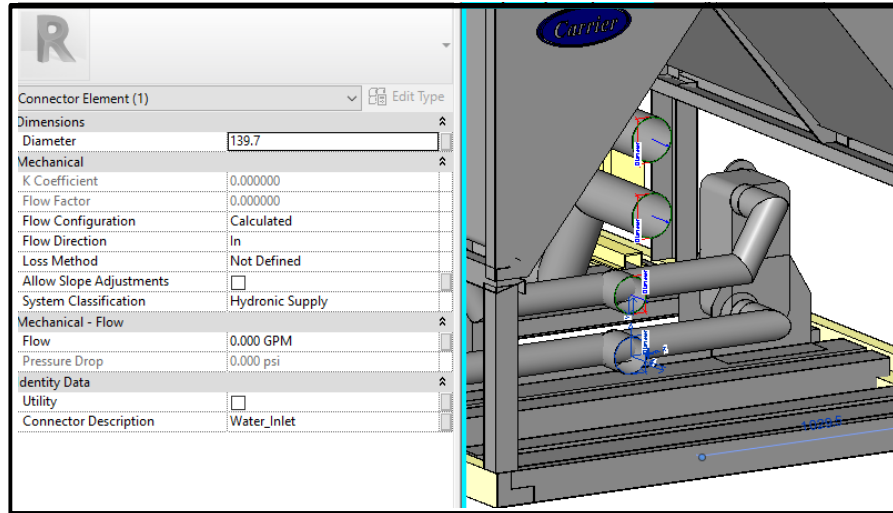
Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Return
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility	☐
Connector Description	Water_Outlet



Total Heat Recovery (Opt50) + Opt325 Inlet / Outlet



Partial Heat Recovery (Opt49) + Opt325 Inlet / Outlet



Electrical Box Connection



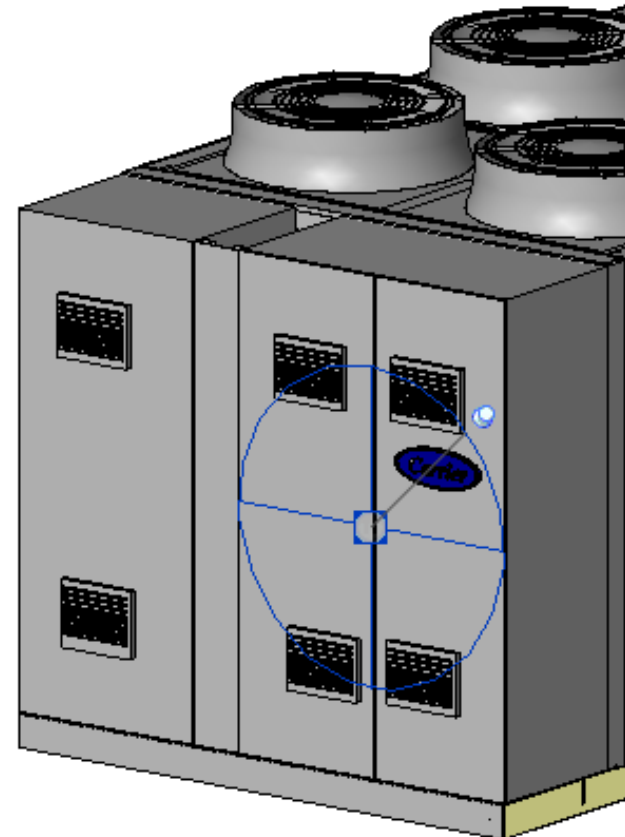
Connector Element (1)  Edit Type

Electrical - Loads 

System Type	Power - Unbalanced
Number of Poles	1
Power Factor State	Lagging
Load Classification	Other
Load Sub-Classification Motor	☐
Voltage	0.00 V
Apparent Load Phase 1	0.00 VA
Apparent Load Phase 2	0.00 VA
Apparent Load Phase 3	0.00 VA
Power Factor	1.000000

Identity Data 

Utility	☐
Connector Description	Electrical_Box 30KAV 800



Carrier Logo

