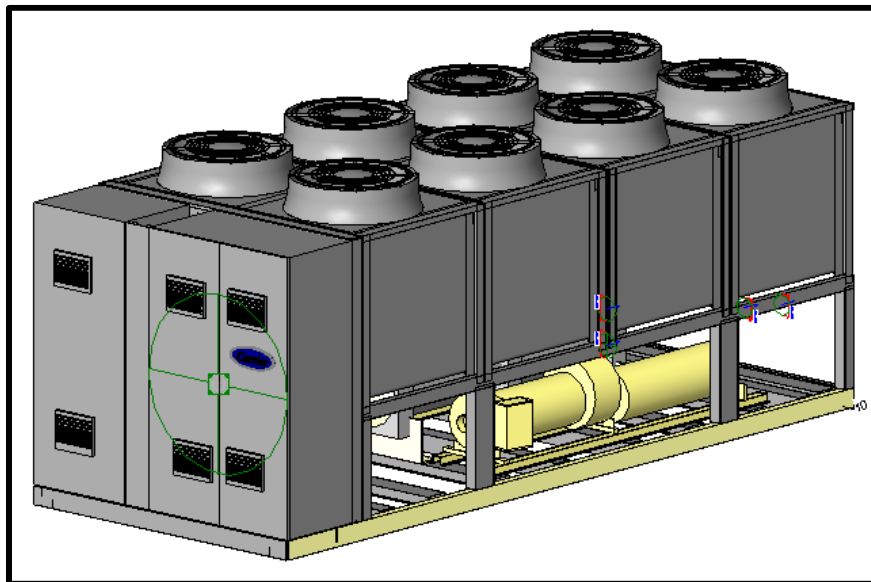


30KAV0650 /
30KAVZE0500



INDEX

Slide Number

- | | | |
|----|----------------------------------|-------|
| 1. | Excel sheet Data to Revit Option | 3 |
| 2. | Operation of Revit file | 4-40 |
| 3. | Connector Information | 41-49 |

Excel To Revit File Conversion

<u>30KAV / 30KAVZE REVIT DATABASE</u>									
<u>30KAV / 30KAVZE 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)
30KAV0650 / 30KAVZE0500	x	x	x	x	x	x	x	x	x

SINGLE OPTION

SL NO	Revit Option	Description
1	30KAV0650 / 30KAVZE0500	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: 30KAV0650 / 30KAVZE0500

Search param

Para

Construction

ATEX Zone

ATEX Zone +

OPT266

OPT266_116

OPT266_116

OPT50+OPT

OPT49_OPT2

OPT49+OPT

OPT49+OPT

OPT50+OPT

OPT50_OPT2

OPT50

OPT325 for C

OPT49

OPT325 for C

Service Area

Option293

Option23a

Option23

OPT116-BP

OPT116-HP

15LS/15L

Service Area + Heat Recov

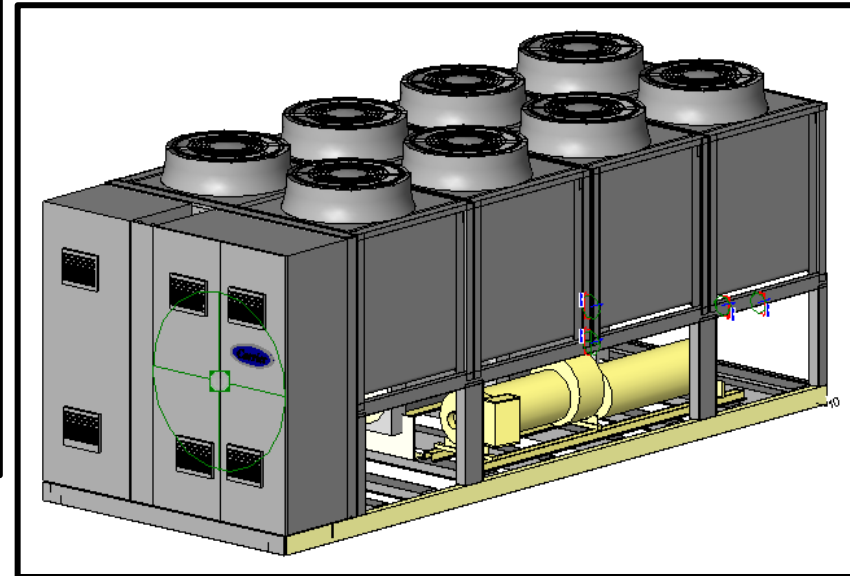
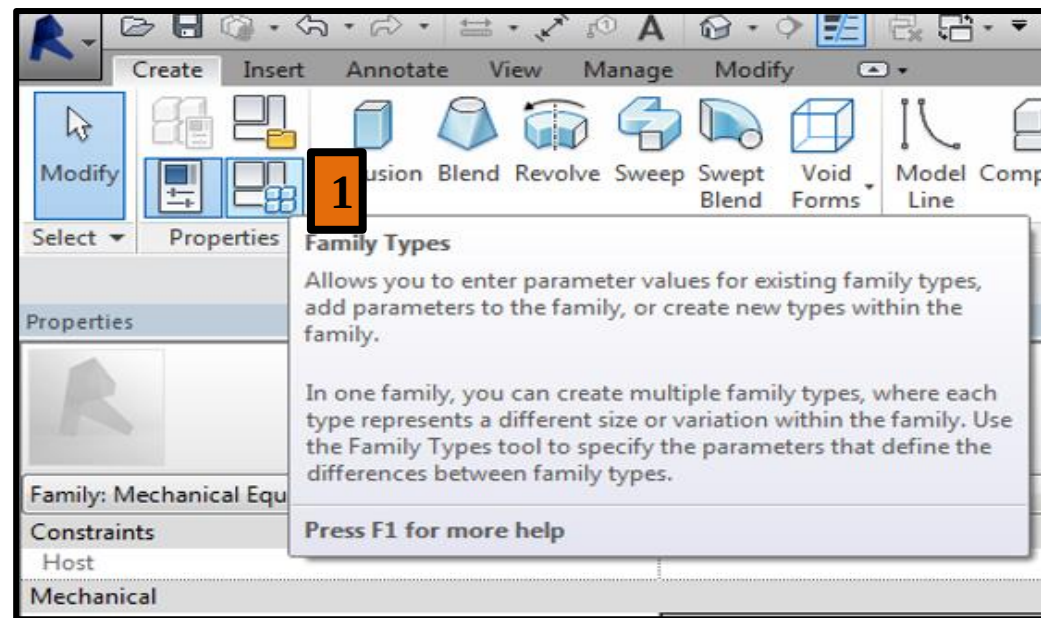
Identity Data

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: 30KAV0650 / 30KAVZE0500

2

Search parameters

Para

Construction

ATEX Zone

ATEX Zone + Heat Recovery

OPT266

OPT266_116

OPT266_116_HYDKIT_BP

OPT266_116_HYDKIT_HP

OPT50+OPT266

OPT49_OPT267

OPT49+OPT267

OPT49+OPT325_OPT267

OPT50+OPT325_OPT267

OPT50

OPT325 for OPT50

OPT49

OPT325 for OPT49

Service Area

Option293

Option23a

Option23

OPT116-BP

OPT116-HP

15LS/15L

Service Area + Heat Recovery

Identity Data

How do I manage family types?

OK

Family Types

Type name: 30KAV0650 / 30KAVZE0500

Search parameters

Parameter

Value

Construction

ATEX Zone

ATEX Zone + Heat Recovery

OPT266

OPT266_116_HYDKIT_BP

OPT266_116_HYDKIT_HP

OPT50+OPT325_OPT266

OPT49_OPT267

OPT49+OPT325_OPT266

OPT49+OPT325_OPT267

OPT50+OPT325_OPT267

OPT50

OPT325 for OPT50

OPT49

OPT325 for OPT49

Service Area

Option293

Option23a

Option23

OPT116-BP

OPT116-HP

15LS/15L

Service Area + Heat Recovery

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

30KAV0650 / 30KAVZE0500

Family Types

Type name: 30KAV0650 / 30KAVZE0500

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐ =
ATEX Zone + Heat Recovery	☐ =
OPT266	☐ =
OPT266_116_HYDKIT_BP	☐ =
OPT266_116_HYDKIT_HP	☐ =
OPT50+OPT325_OPT266	☐ =
OPT49_OPT267	☐ =
OPT49+OPT325_OPT266	☐ =
OPT49+OPT325_OPT267	☐ =
OPT50+OPT325_OPT267	☐ =
OPT50_OPT267	☐ =
OPT50	☐ =
OPT325 for OPT50	☐ =
OPT49	☐ =
OPT325 for OPT49	☐ =
Service Area	☐ =
Option293	☐ =
Option23a	☐ =
Option23	☐ =
OPT116-BP	☐ =
OPT116-HP	☐ =
15LS/15L	☐ =
Service Area + Heat Recovery	☐ =

<



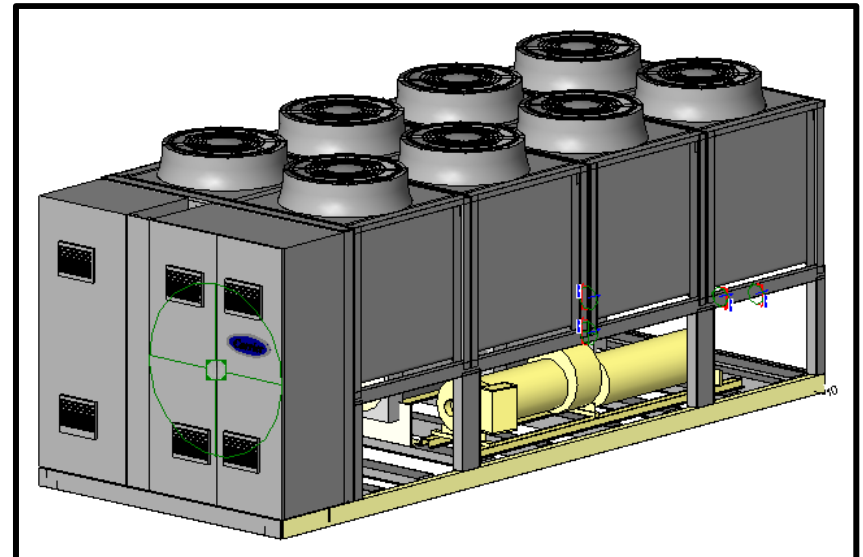







[How do I manage family types?](#) OK

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



Option 15/15LS

Low Noise Enclosure
Standard unit + Enclosure

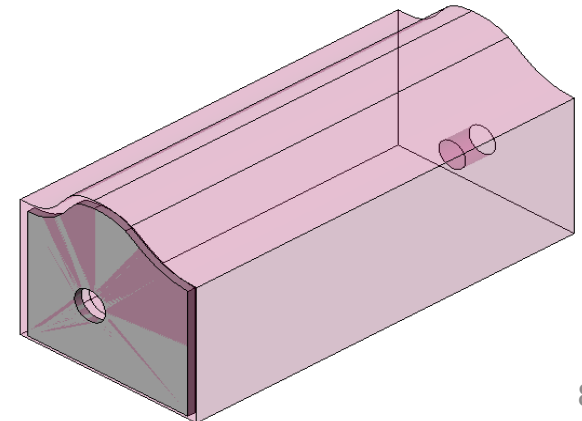
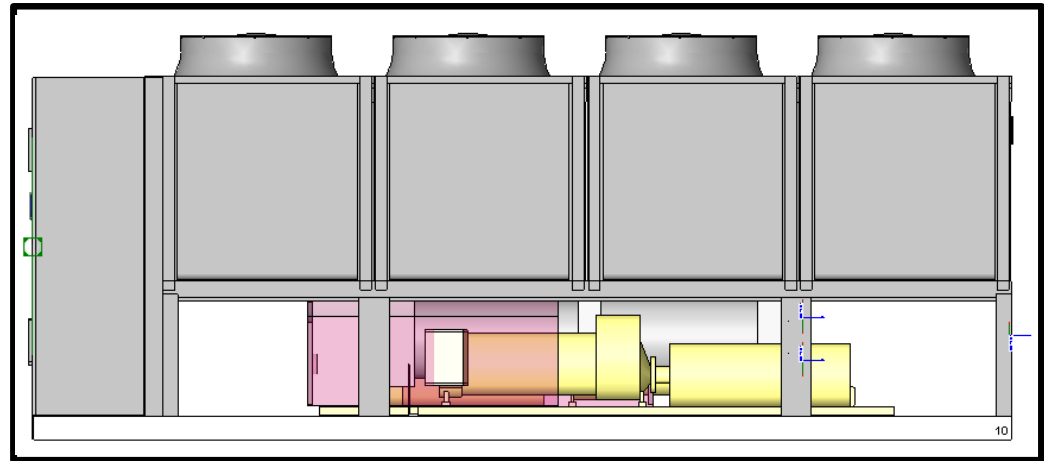
Family Types

Type name: OPT15/15LS

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☒
Identity Data	

How do I manage family types?



Option 23

Coil panel protection

Standard unit + panel+ Grill

Family Types

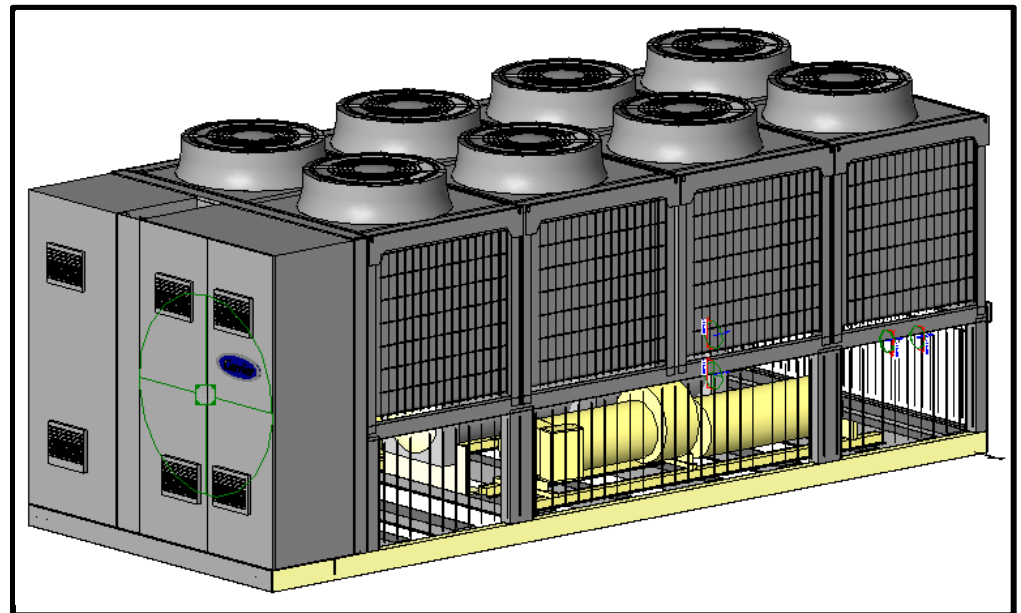
Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area		
Option293	☐	=
Option23a	☐	=
Option23	☒	=
OPT116-600BP	☐	=
OPT116-600HP	☐	=
15LS/15L	☐	=
Identity Data		

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



Option 23a

Coil panel protection Standard unit + panel

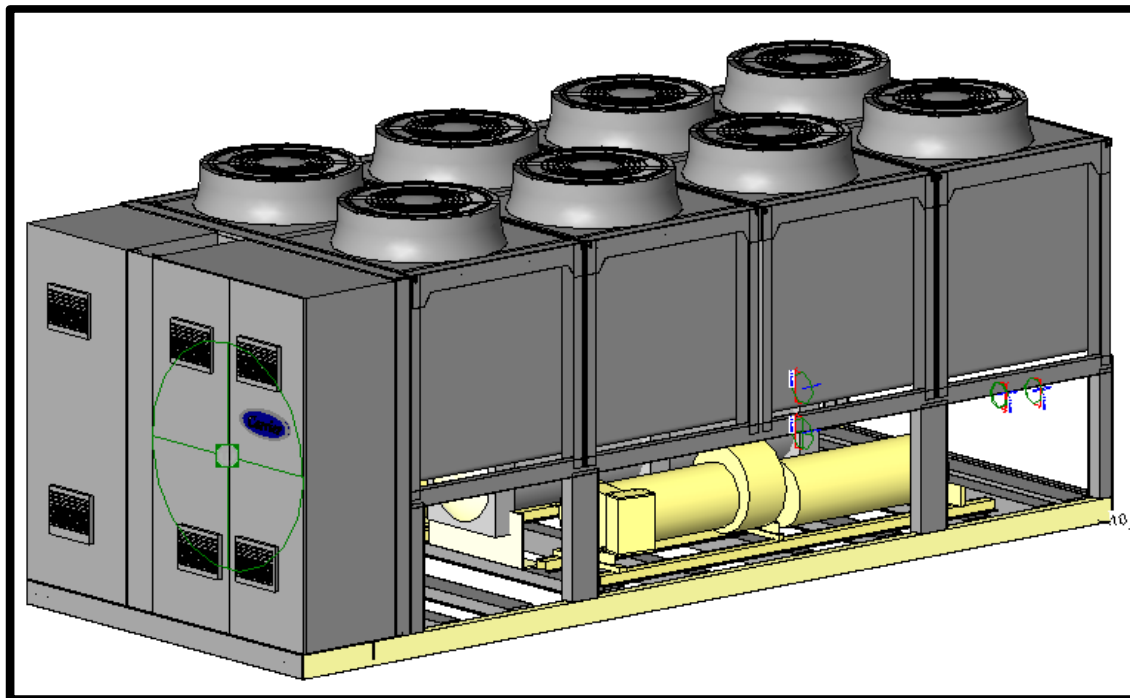
Family Types

Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☒
Option23	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Option 116A

Low Pressure Double Pump STD Unit + Pump(BP)

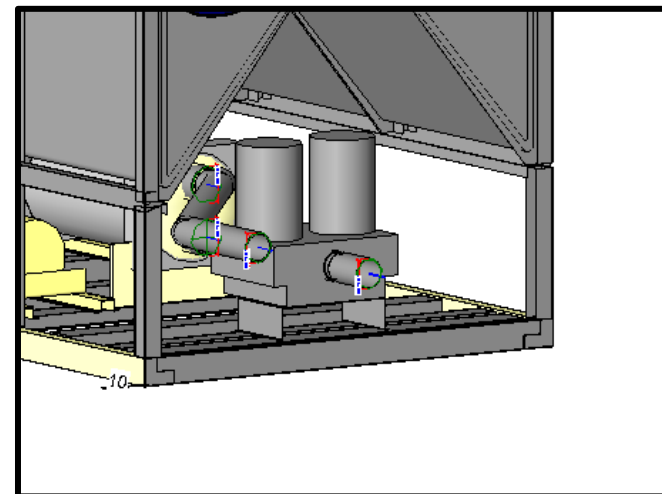
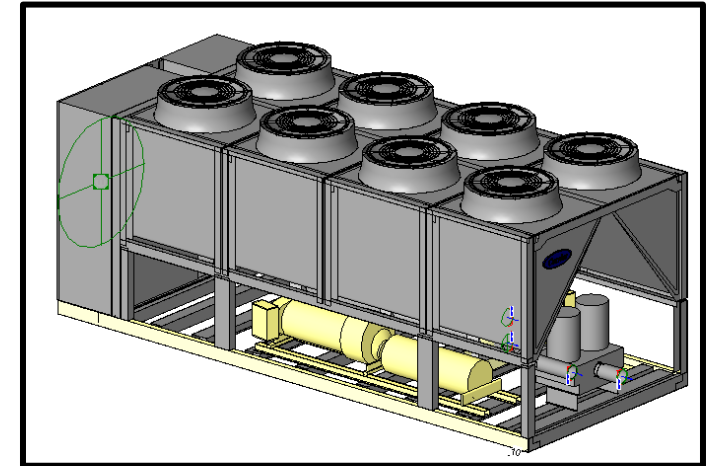
Family Types

Type name: Option116A

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-600BP	☒
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Total Heat Recovery

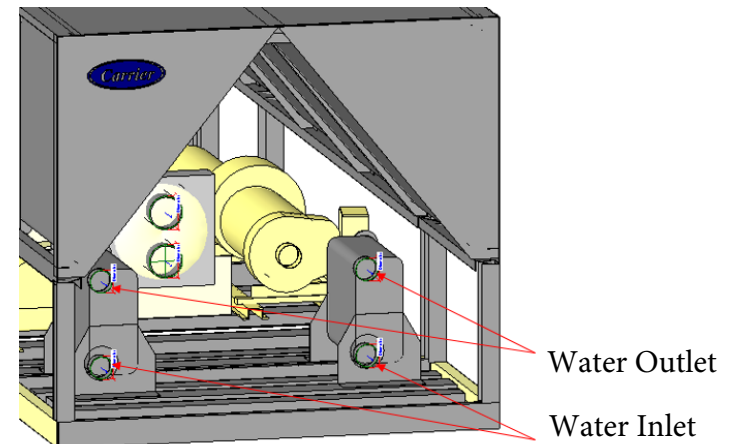
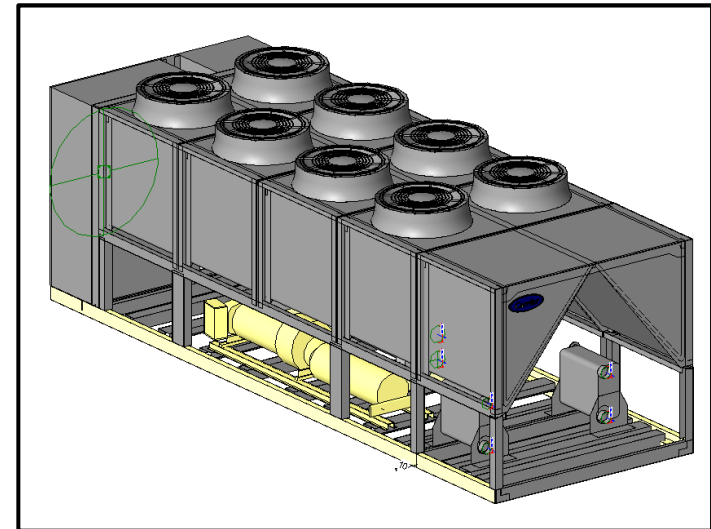
Family Types

Type name: OPT50

Search parameters

Parameter	Value
Construction	
OPT50	☒
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Option 49

Partial Heat Recovery

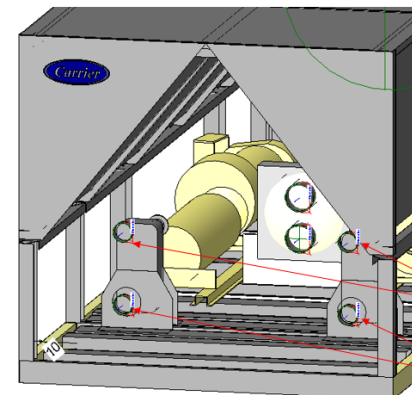
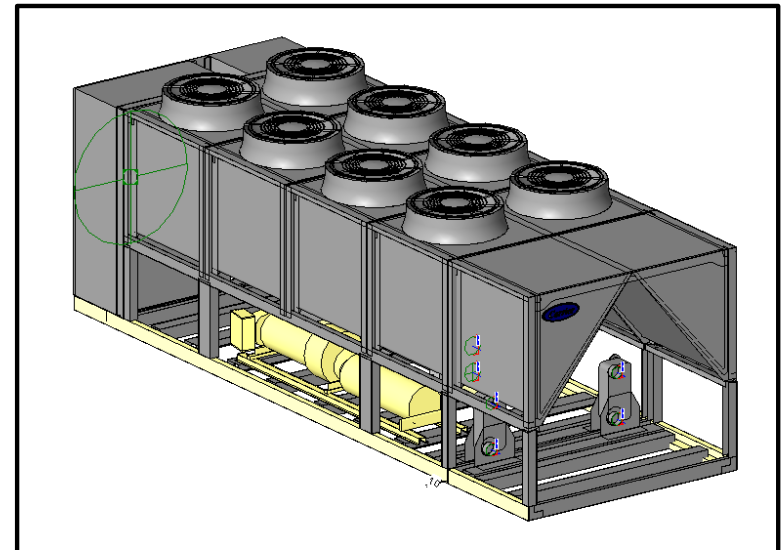
Family Types

Type name: OPT49

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☒
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Water Outlet

Water Inlet

Option 266

Cooler hydraulic connection

Family Types

Type name: OPT266

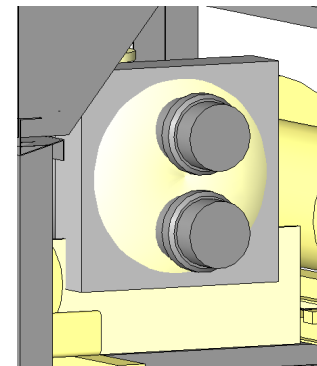
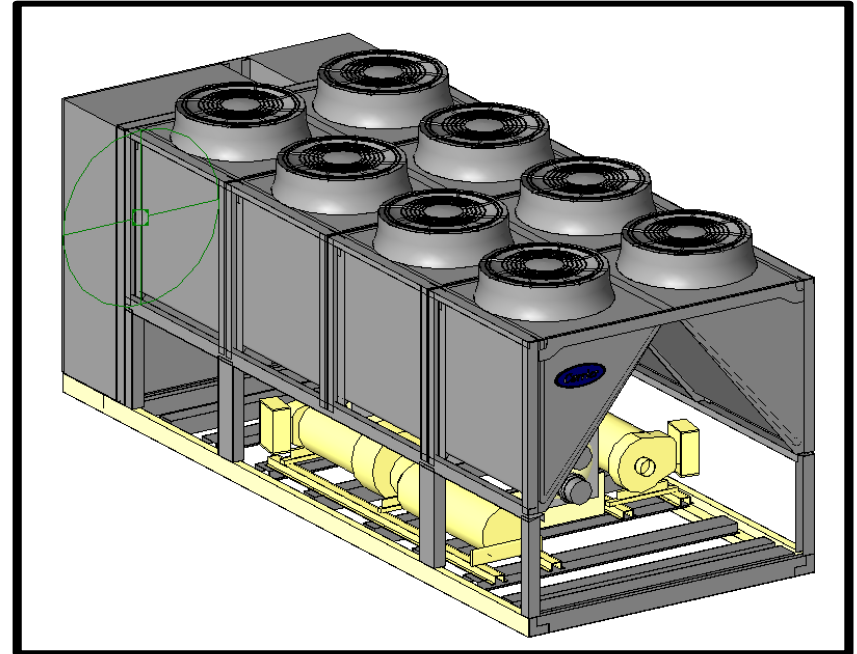
Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
ATEX Zone + Heat Recovery	☐
OPT266	☒
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☐

<

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



Service Area

Service Area - Standard Unit / HYD Kit / Heat Recovery

STD_Unit / HYD Kit

Family Types

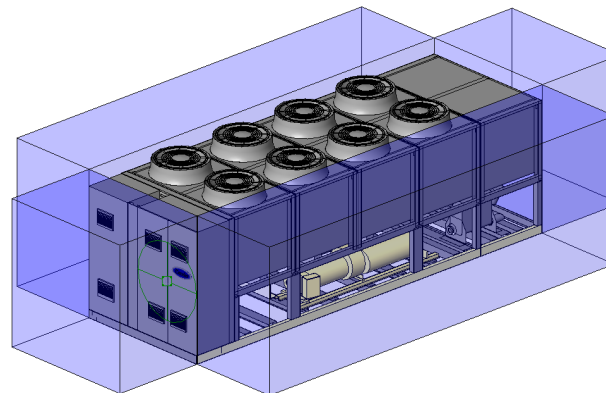
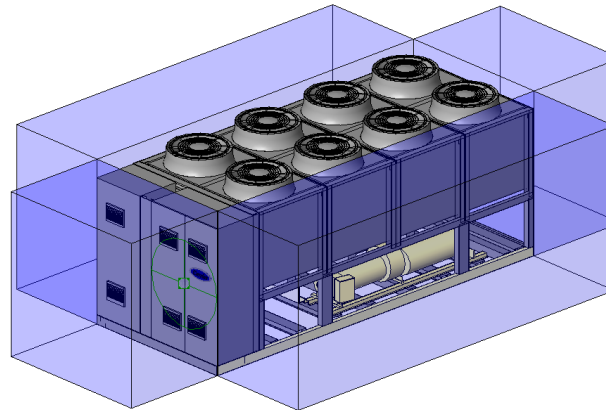
Type name: Service Area + Heat Recovery

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
ATEX Zone + Heat Recovery	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50_OPT267	☐
OPT50	☒
OPT325 for OPT50	☒
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☒

How do I manage family types?

OK



Heat Recovery

Family Types

Type name: Service Area

Search parameters

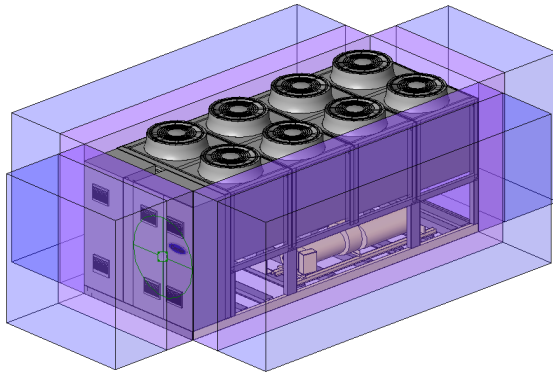
Parameter	Value
Construction	
ATEX Zone	☐
ATEX Zone + Heat Recovery	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☒
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☐

How do I manage family types?

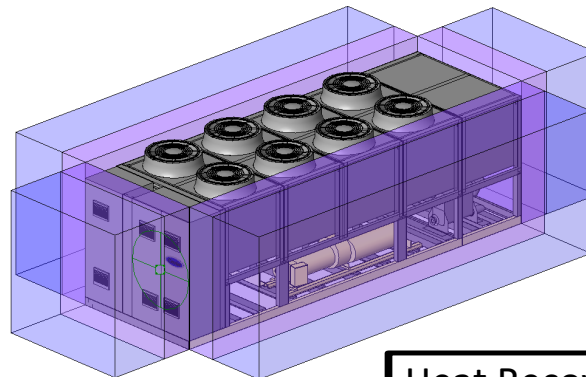
OK

Service Area & ATEX Zone - ZE Units

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



STD_Unit / HYD Kit



Heat Recovery

Family Types

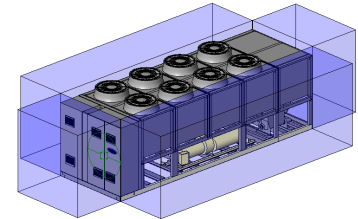
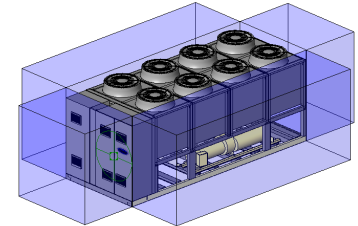
Type name: Service Area + ATEX Zone - Only ZE Units

Search parameters

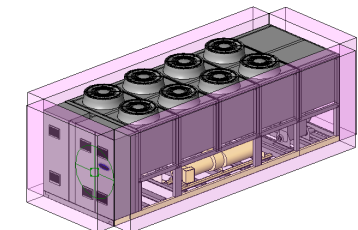
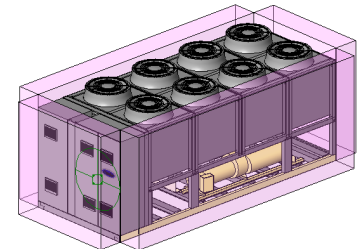
Parameter	Value
Construction	
ATEX Zone	☒
ATEX Zone + Heat Recovery	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☒
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☐

How do I manage family types? OK

Service area



ATEX Zone



Family Types

Type name: Service Area + ATEX Zone + Heat Recovery - Only ZE Uni

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
ATEX Zone + Heat Recovery	☒
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50_OPT267	☐
OPT50	☒
OPT325 for OPT50	☒
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☒

How do I manage family types? OK

Dual Combo Units

30KAV/30KAVZE REVIT DATABASE

<u>30KAV / 30KAVZE RANGE</u>	<u>Options Combinations</u>								
	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
30KAV0650 / 30KAVZE0500	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

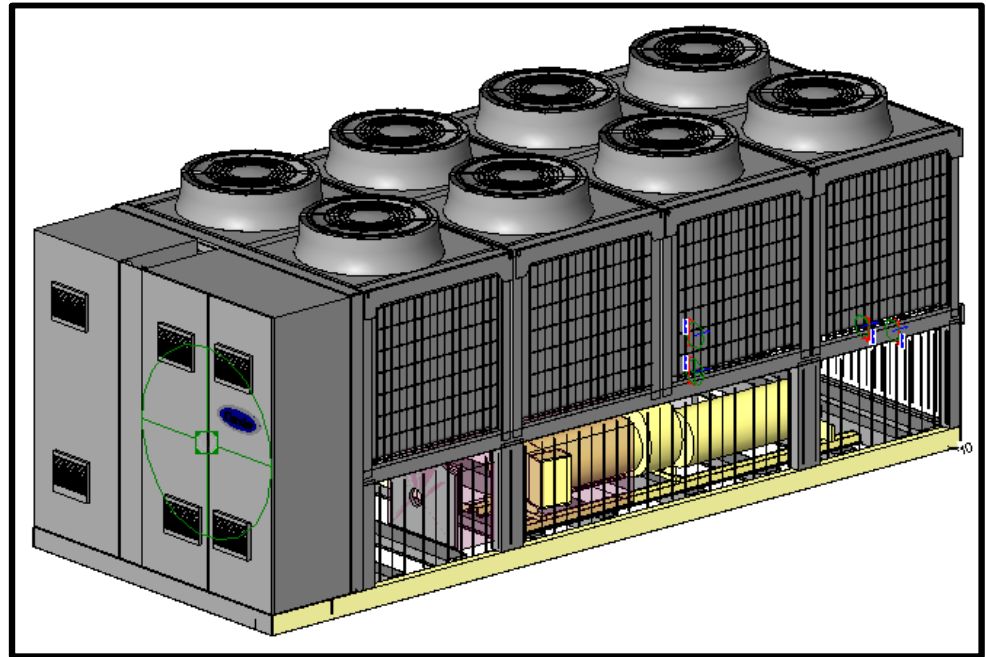
Type name: Opt 15L/LS + OPT 23

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☒
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☒
Identity Data	

How do I manage family types?

OK



Option 15/15LS+Option23a

Family Types

Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☒
Option23	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☒
Identity Data	



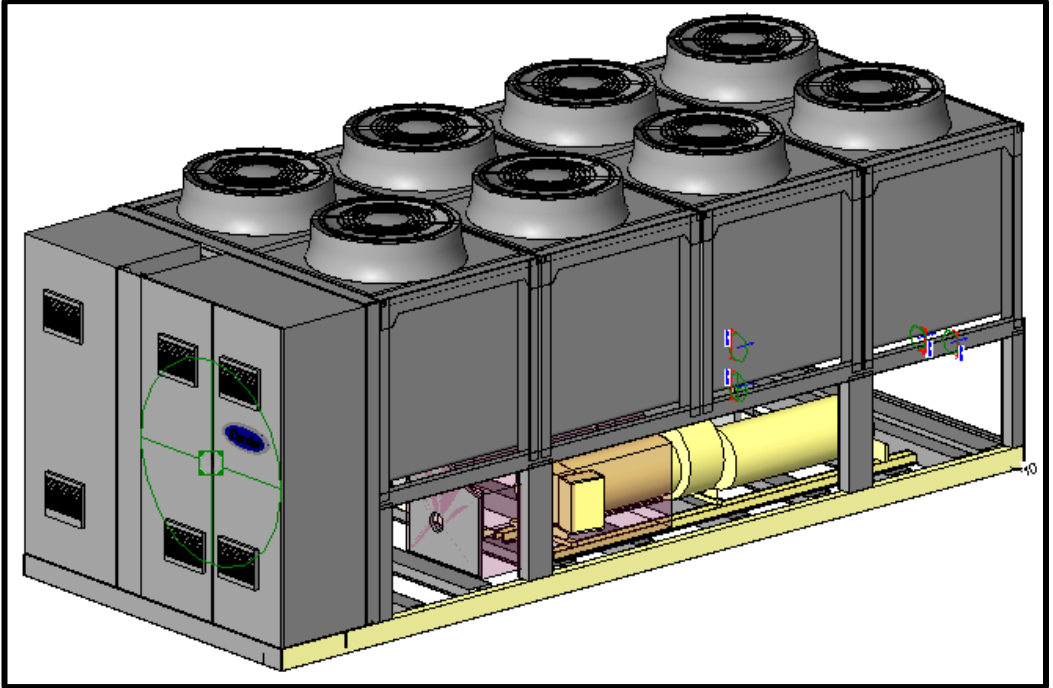






[How do I manage family types?](#)

OK



Option 116A+Option15/15LS

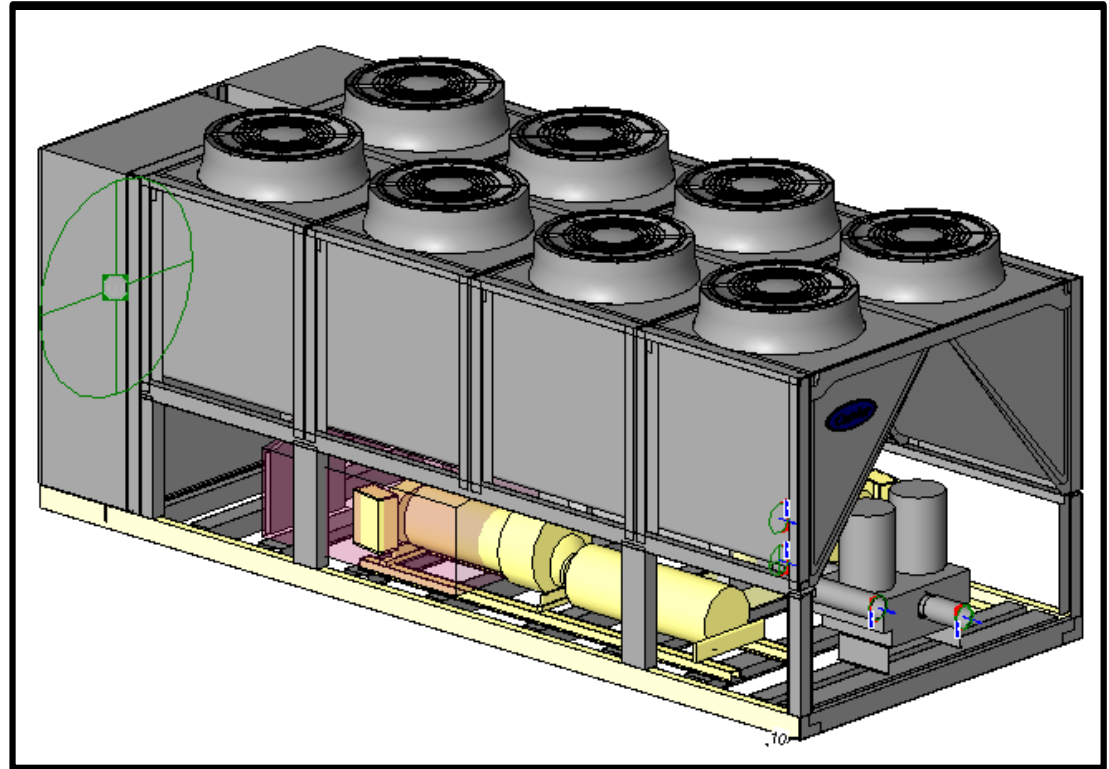
Family Types

Type name: Opt 15L/LS + OPT116A

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-600BP	☒
OPT116-600HP	☐
15LS/15L	☒
Identity Data	

How do I manage family types?



Option 116W+Option15/15LS

Family Types

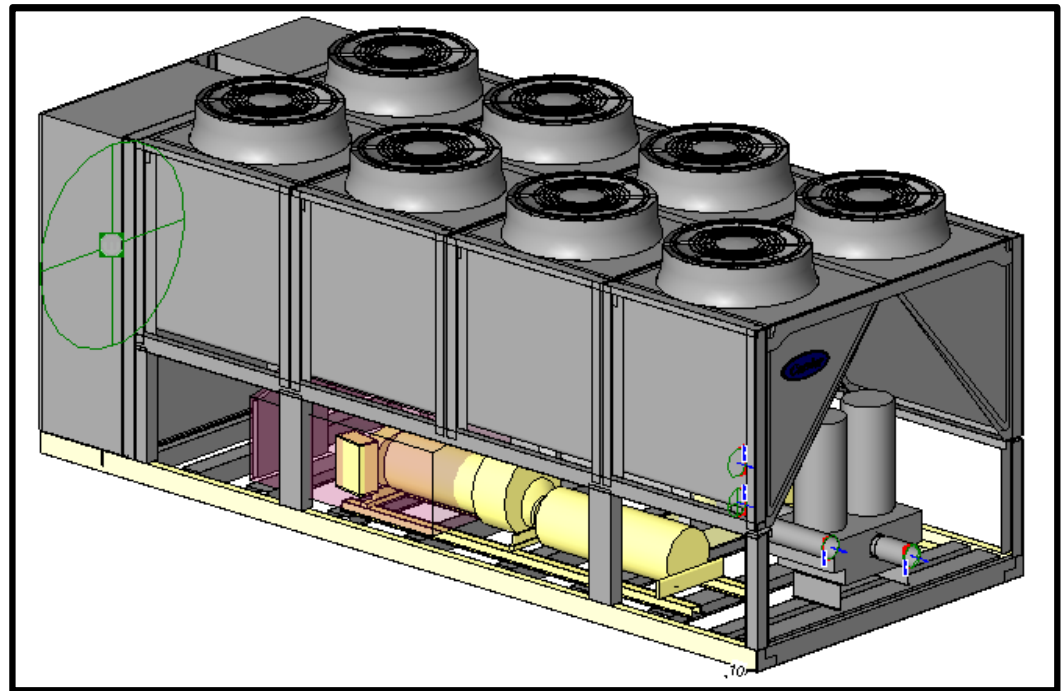
Type name: Opt 15L/LS + OPT116W

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option293	☐	=
Option23a	☐	=
Option23	☐	=
OPT116-600BP	☐	=
OPT116-600HP	☒	=
15LS/15L	☒	=
Identity Data		

How do I manage family types?

OK



Option 116A+Option23

Family Types

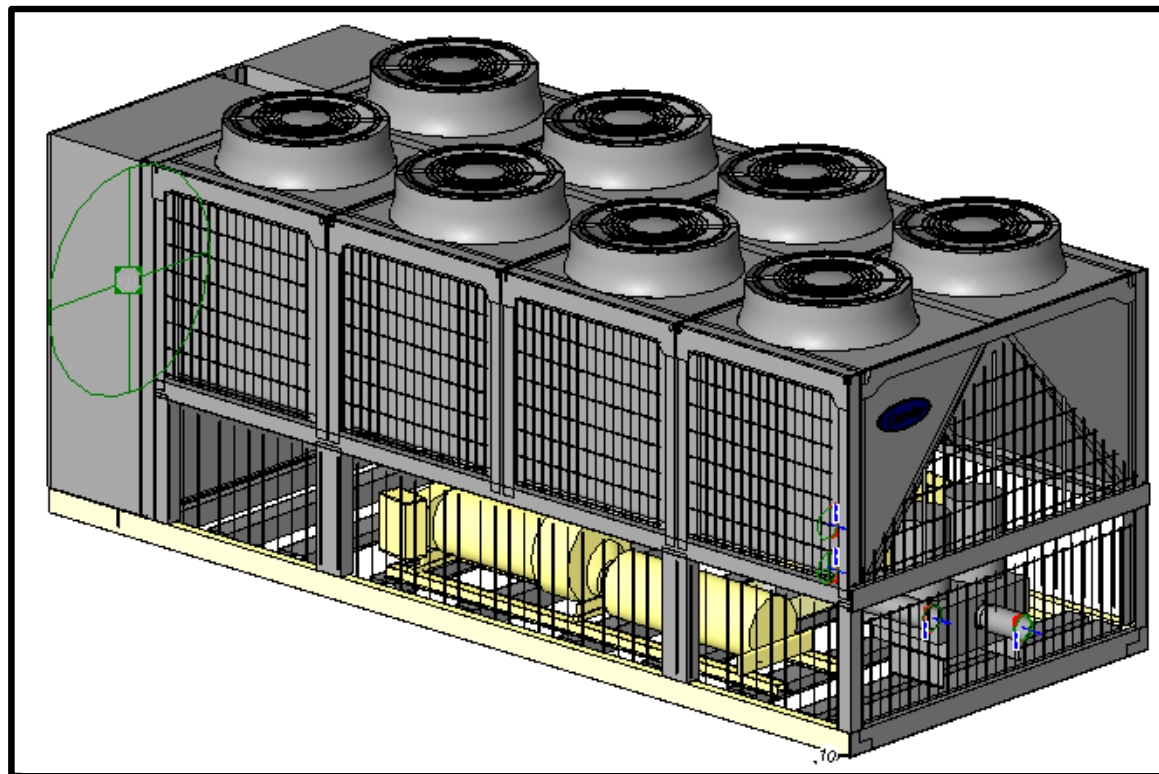
Type name: OPT 23+ OPT 116A

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☒
OPT116-600BP	☒
OPT116-600HP	☐
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	☐	=
Option293	☐	=
Option23a	☒	=
Option23	☐	=
OPT116-600BP	☒	=
OPT116-600HP	☐	=
15LS/15L	☐	=
Identity Data		



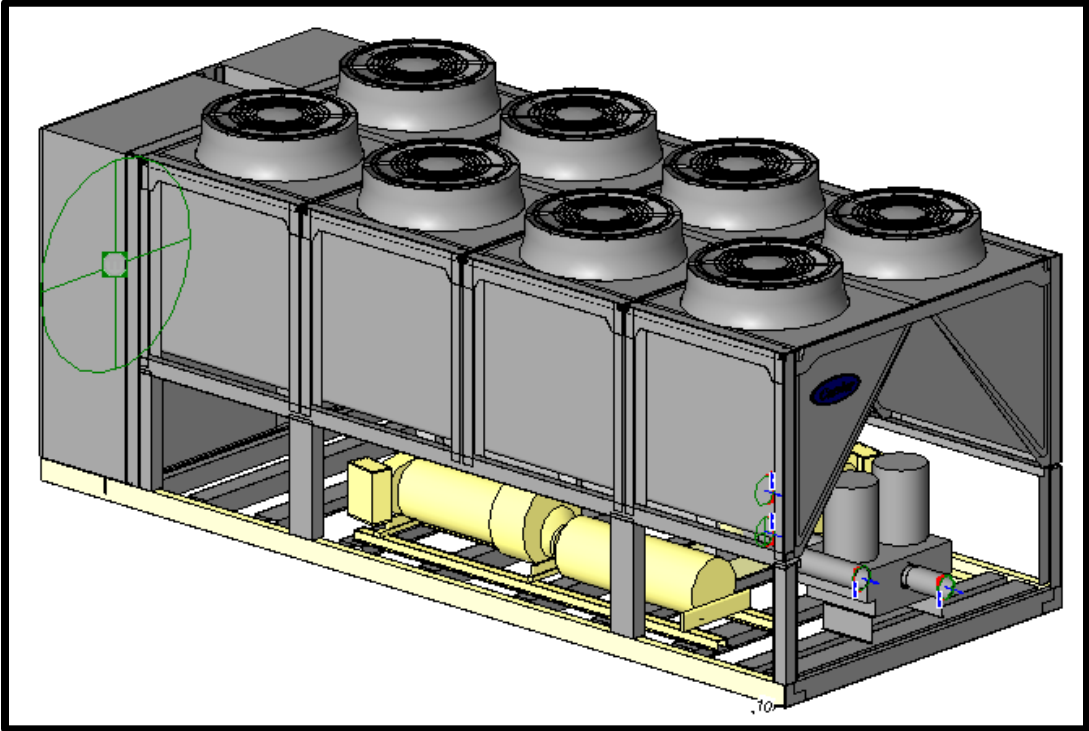






[How do I manage family types?](#)

OK



Option 116W+Option23

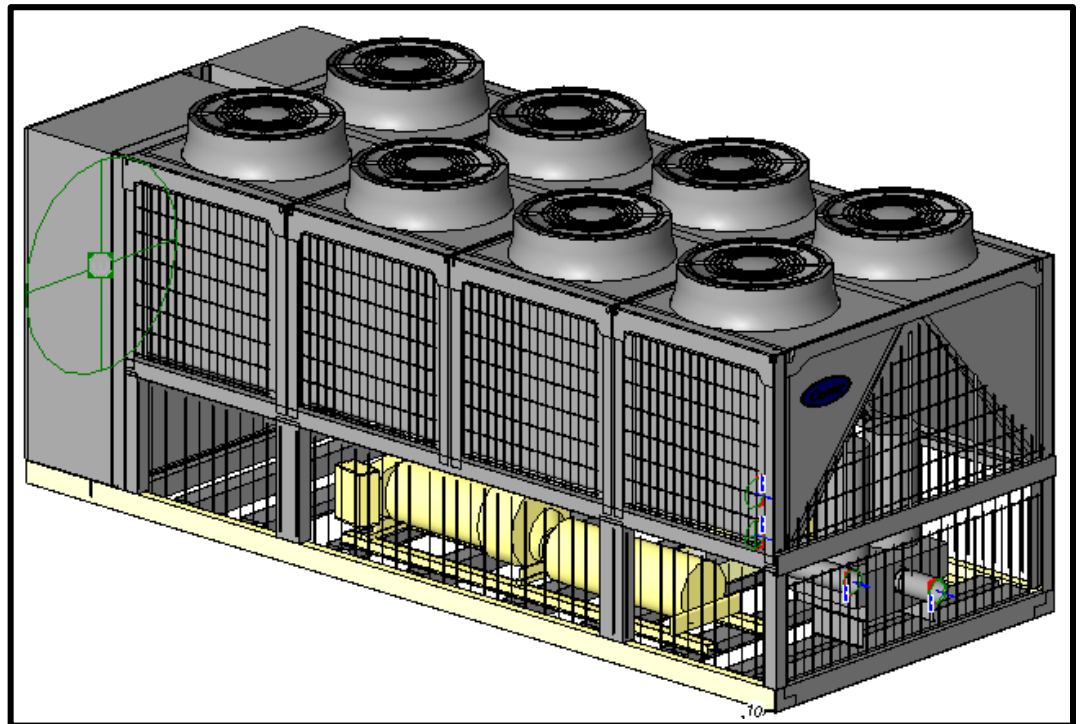
Family Types

Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☒
OPT116-600BP	☐
OPT116-600HP	☒
15LS/15L	☐
Identity Data	

How do I manage family types?



Option 116W+Option23a

Family Types

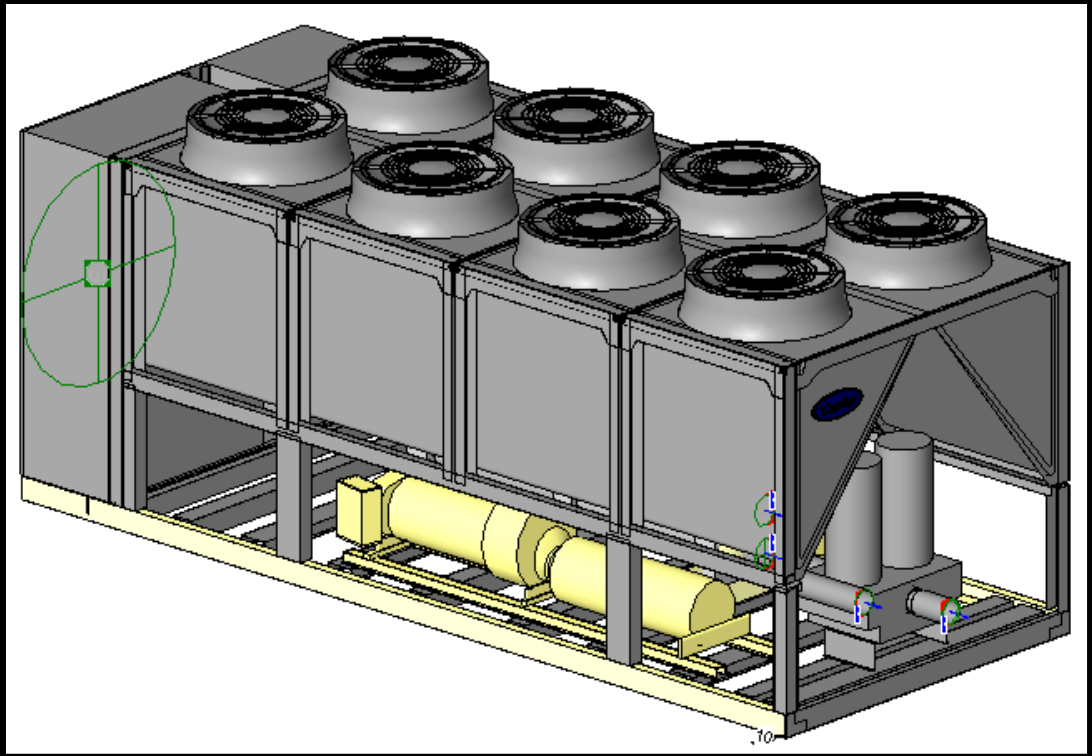
Type name: OPT 23a + OPT 116W

Search parameters

Parameter	Value
Construction	
OPT50	☐ =
OPT325 for OPT50	☐ =
OPT49	☐ =
OPT325 for OPT49	☐ =
Service Area	☐ =
Option293	☐ =
Option23a	☒ =
Option23	☐ =
OPT116-600BP	☐ =
OPT116-600HP	☒ =
15LS/15L	☐ =
Identity Data	

How do I manage family types?

OK



Option 116A+Option293

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

Family Types

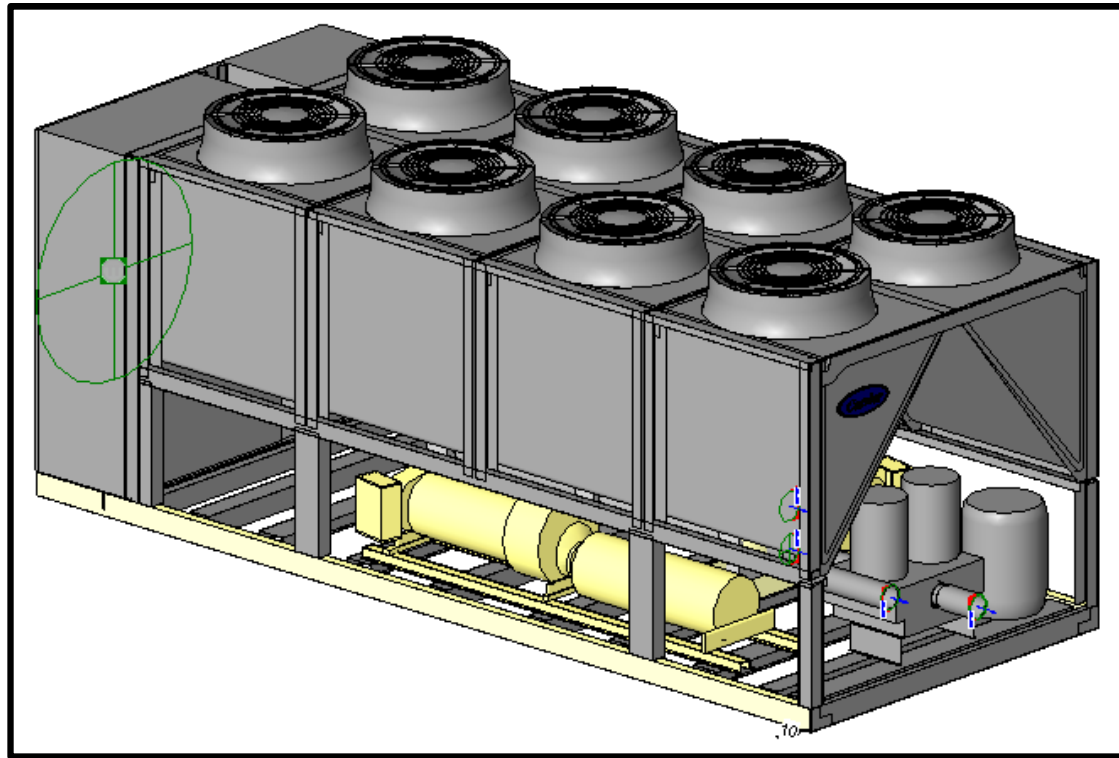
Type name: Opt 116A + Opt 293

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☒
Option23a	☐
Option23	☐
OPT116-600BP	☒
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

How do I manage family types?

OK



Opt 50 + Opt 325

Family Types

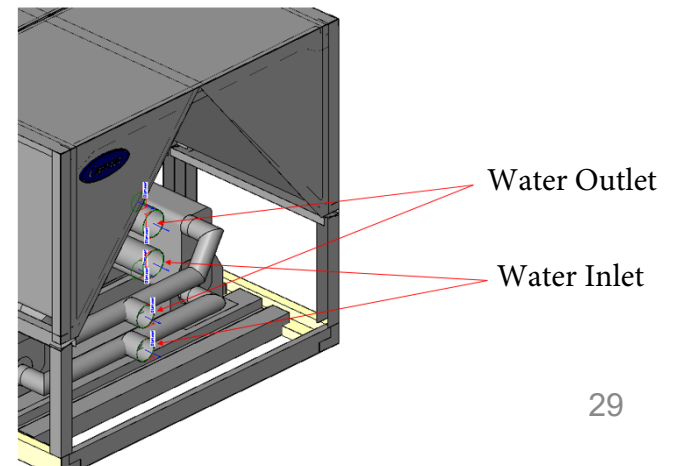
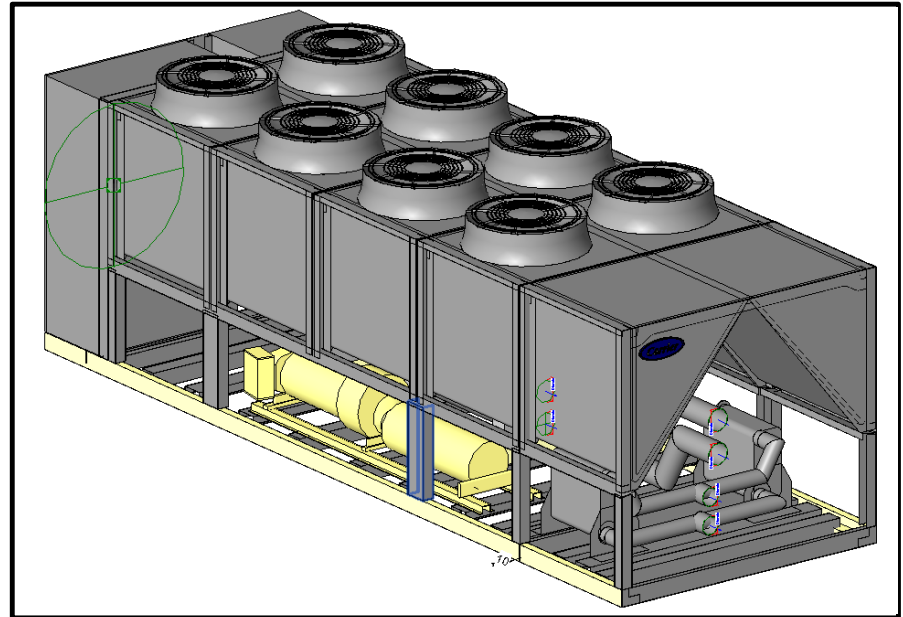
Type name: OPT50 + OPT325

Search parameters

Parameter	Value
Construction	
OPT50	☒
OPT325 for OPT50	☒
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Opt 49 + Opt 325

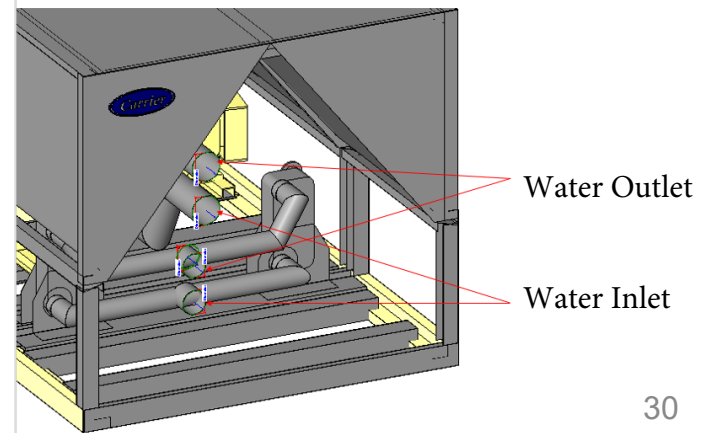
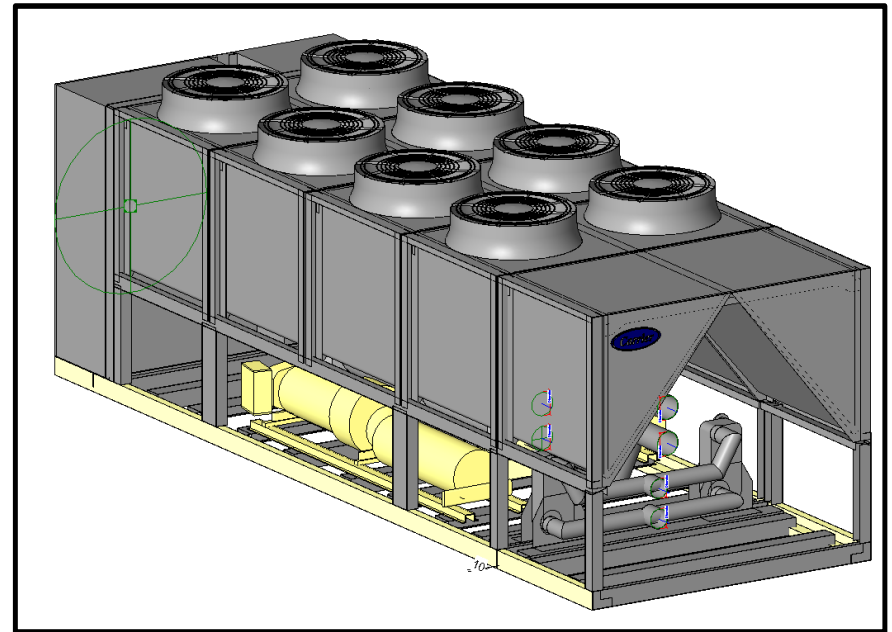
Family Types

Type name: OPT49 + OPT325

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☒
OPT325 for OPT49	☒
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

How do I manage family types? OK



Option 116 + Option 266

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

Family Types

Type name: OPT116A + OPT266

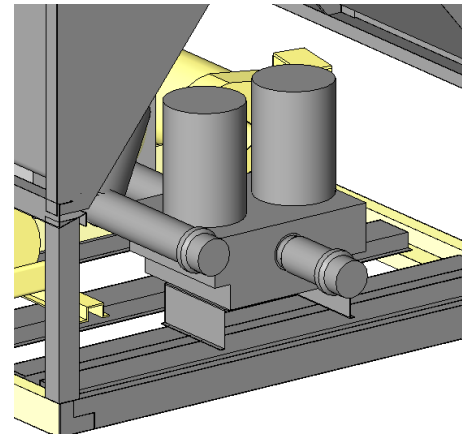
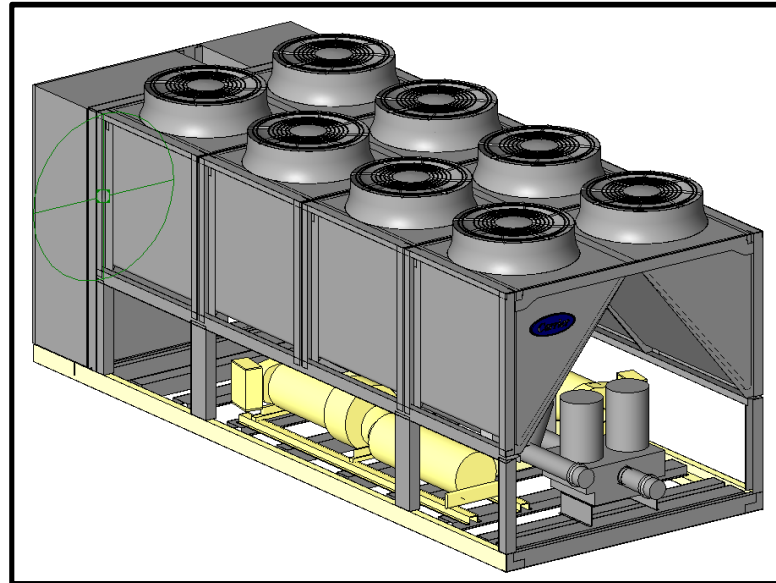
Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
ATEX Zone + Heat Recovery	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☒
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☒
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☐

<

How do I manage family types?

OK



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
30KAV0650 / 30KAVZE0500	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.
- 2) Similar way Opt 23a is also configured

Family Types

Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option293	☐	=
Option23a	☐	=
Option23	☒	=
OPT116-600BP	☒	=
OPT116-600HP	☐	=
15LS/15L	☒	=
Identity Data		

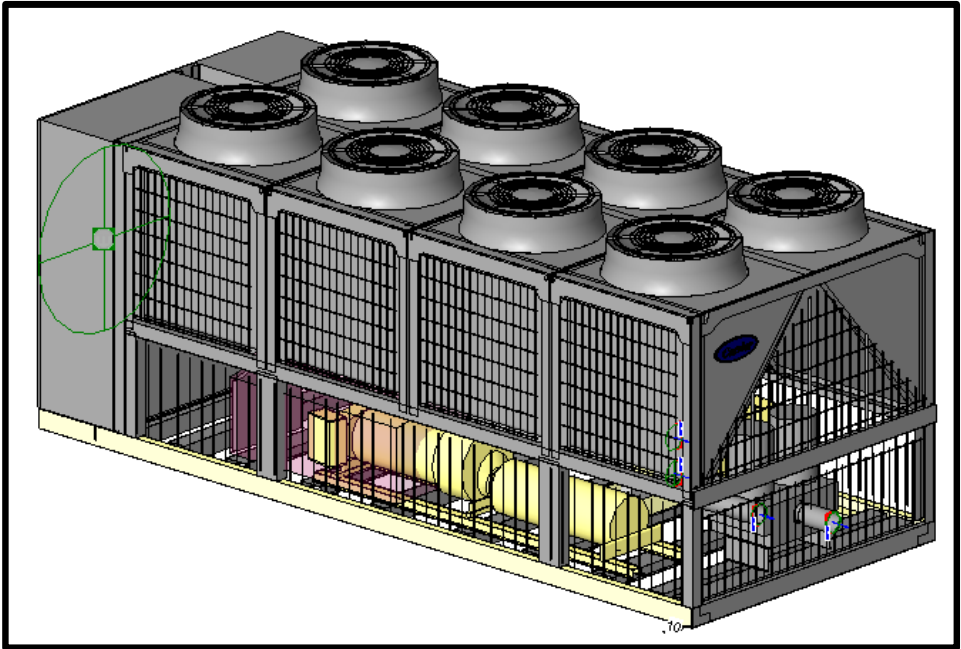








[How do I manage family types?](#) OK



Option 15L/15LS+Option293 + Option116

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

Family Types

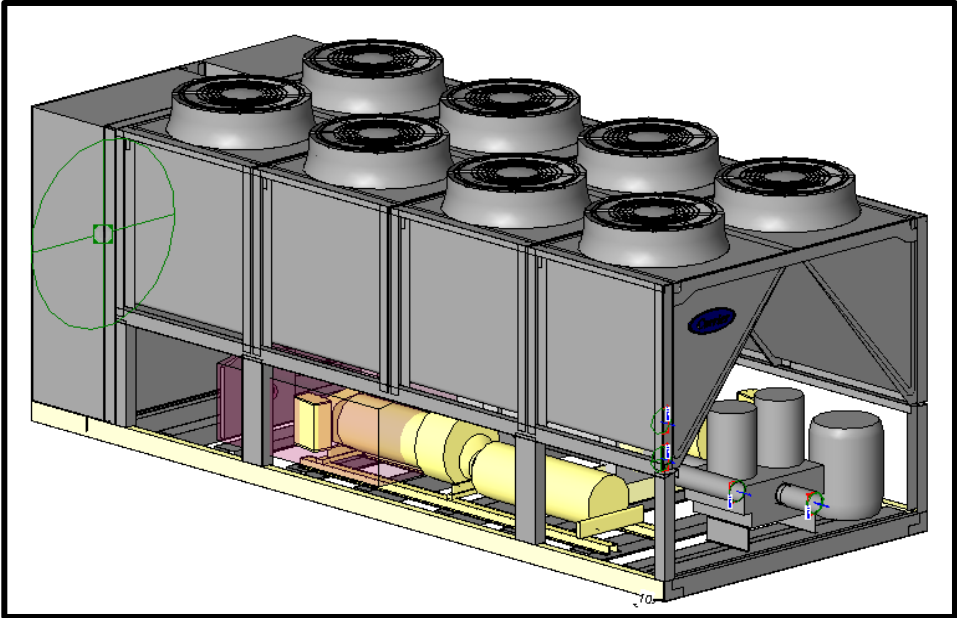
Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option293	☒	=
Option23a	☐	=
Option23	☐	=
OPT116-600BP	☒	=
OPT116-600HP	☐	=
15LS/15L	☒	=
Identity Data		

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



OPT 23 + OPT 116+Opt293

- 1) In this slide only 116A is shown. Same way 116W is also configured.
- 2) Similar way Opt 23a is also configured.

Family Types

Type name:

OPT 23+ OPT 116A + Opt 293

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option293	☒	=
Option23a	☐	=
Option23	☒	=
OPT116-600BP	☒	=
OPT116-600HP	☐	=
15LS/15L	☐	=
Identity Data		



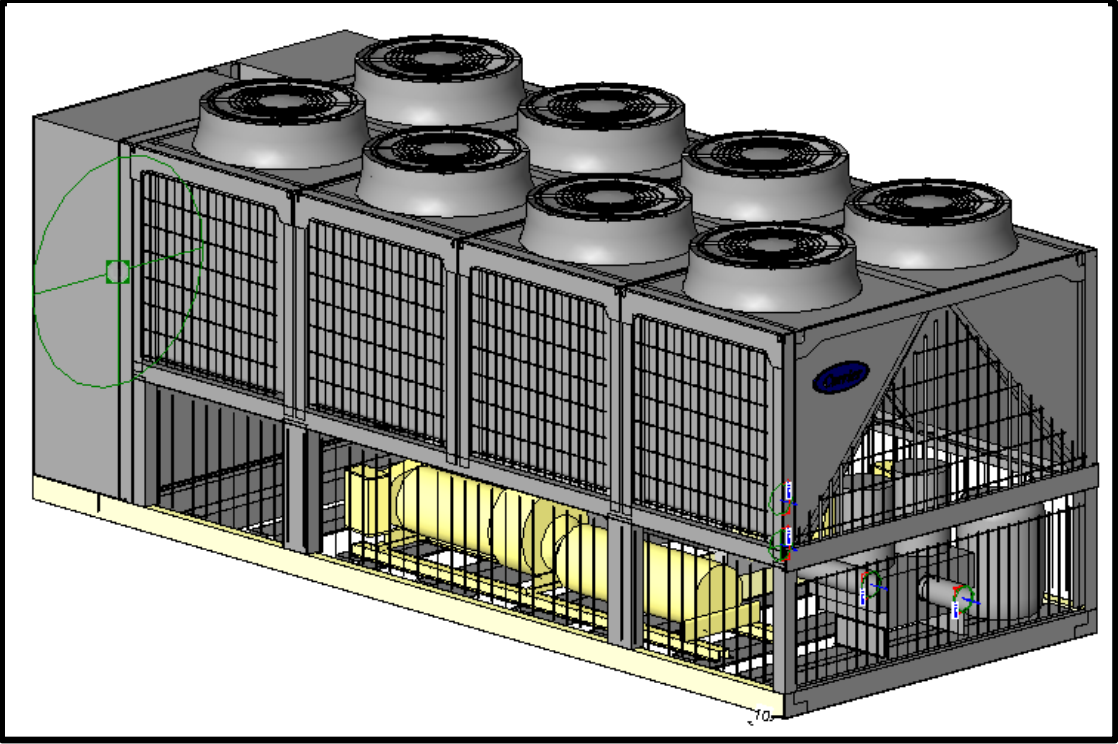






[How do I manage family types?](#)

OK



OPT 50 + OPT 266 + Opt267

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

Family Types

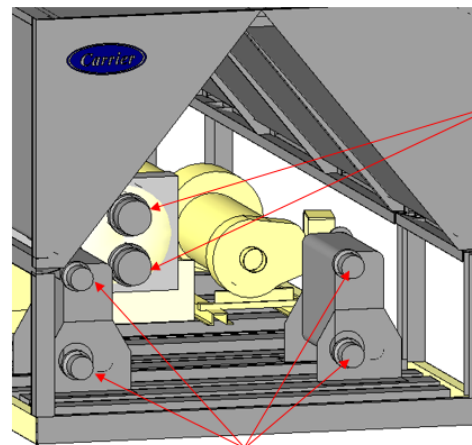
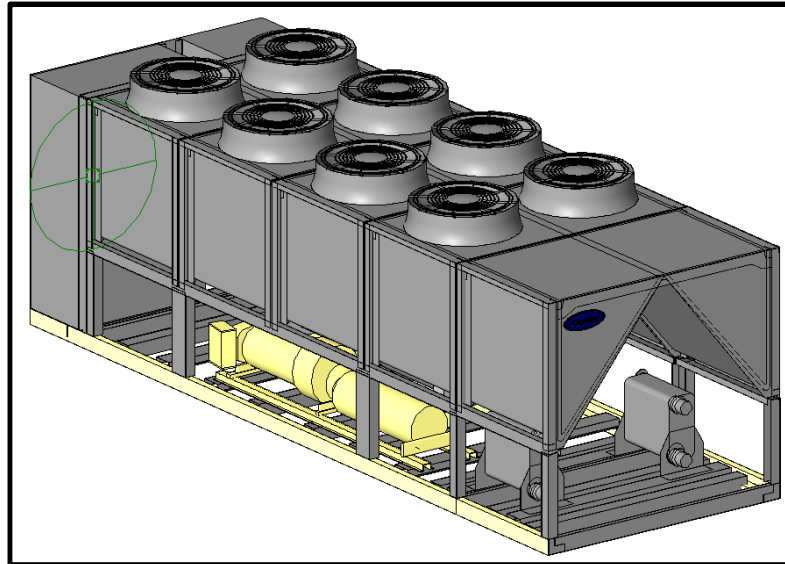
Type name: OPT50 + OPT266 + OPT267

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
ATEX Zone + Heat Recovery	☐
OPT266	☒
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50_OPT267	☒
OPT50	☒
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☐

How do I manage family types?

OK



Opt 266

Opt 267

4 Combo Units

30KAV / 30KAVZE REVIT DATABASE

<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
30KAV0650 / 30KAVZE0500	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

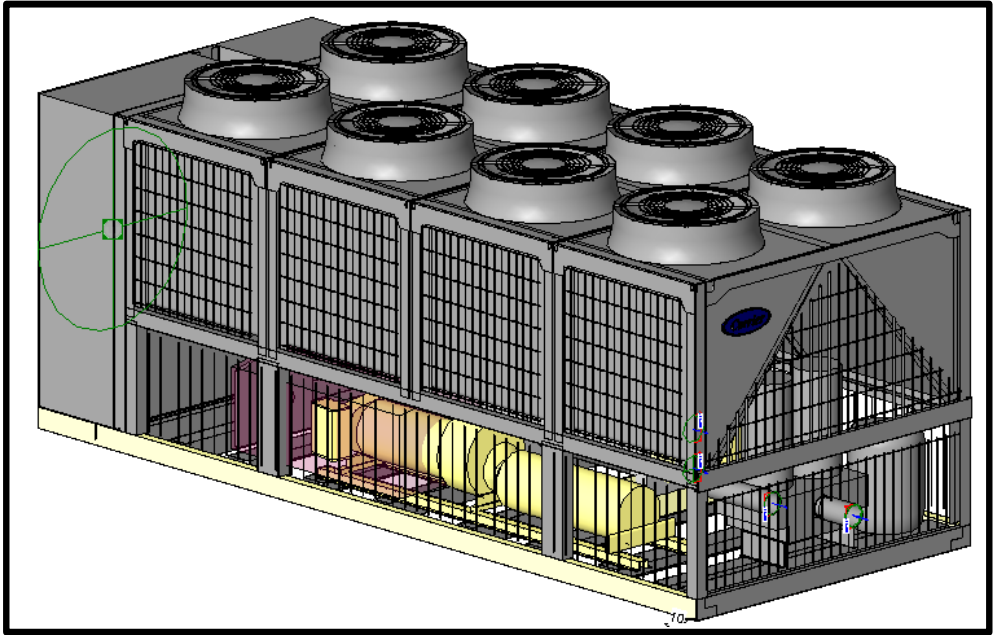
Family Types

Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option293	☒	=
Option23a	☐	=
Option23	☒	=
OPT116-600BP	☐	=
OPT116-600HP	☒	=
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

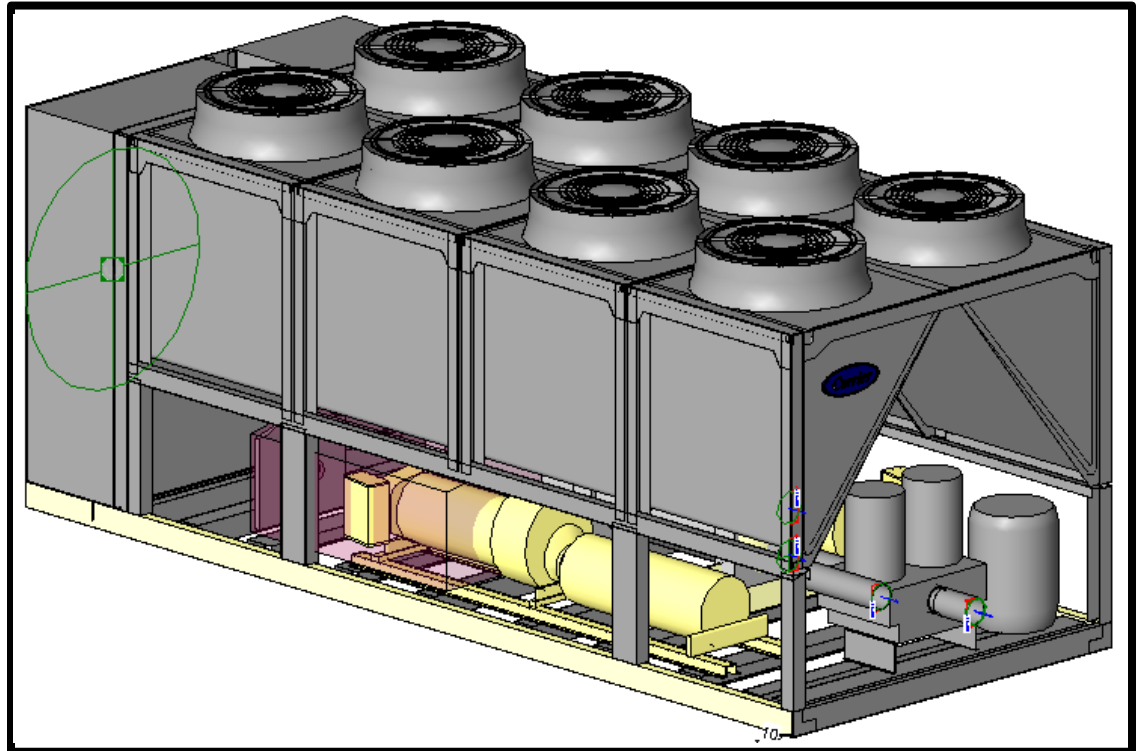
Type name: Opt 15L/LS + OPT23a+Opt116A+OPT293

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option293	☒
Option23a	☒
Option23	☐
OPT116-600BP	☒
OPT116-600HP	☐
15LS/15L	☒
Identity Data	

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



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

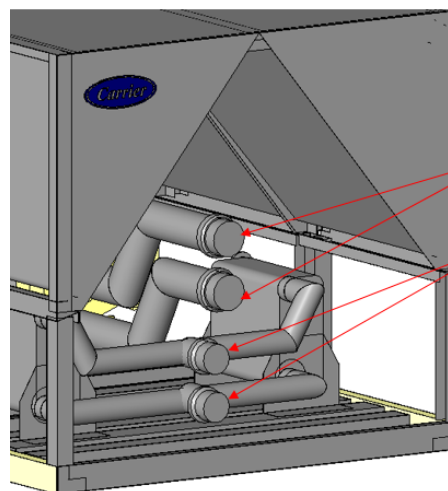
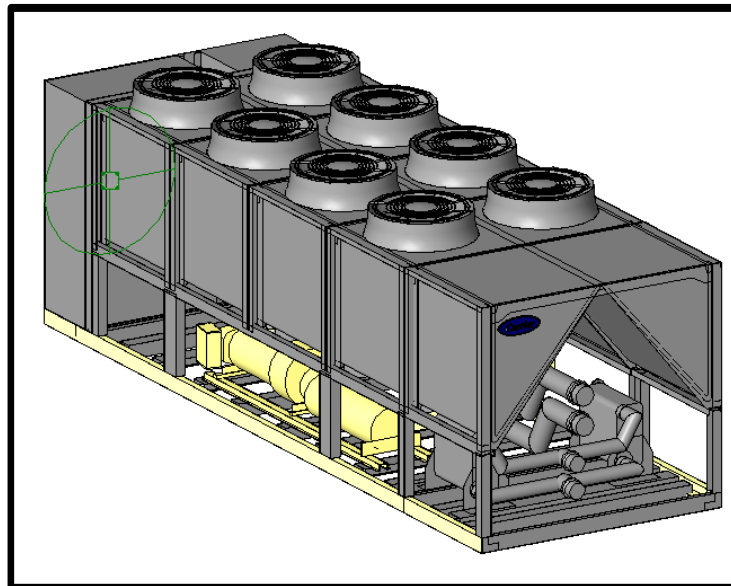
Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
ATEX Zone + Heat Recovery	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT50+OPT325_OPT266	☒
OPT49+OPT325_OPT267	☐
OPT50+OPT325_OPT267	☒
OPT49_OPT267	☐
OPT50_OPT267	☐
OPT50	☒
OPT325 for OPT50	☒
OPT49	☐
OPT325 for OPT49	☐
Service Area	
Option293	☐
Option23a	☐
Option23	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐
Service Area + Heat Recovery	☐

<

How do I manage family types?

OK



Opt 266

Opt 267

IMPORTANT:-

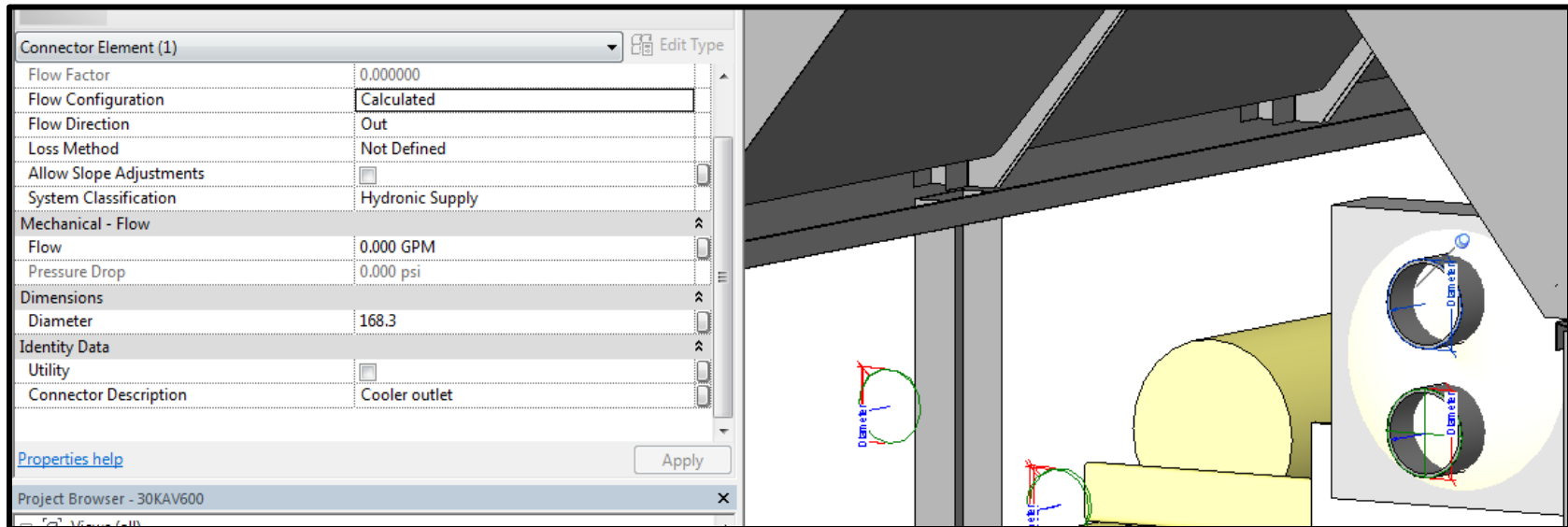
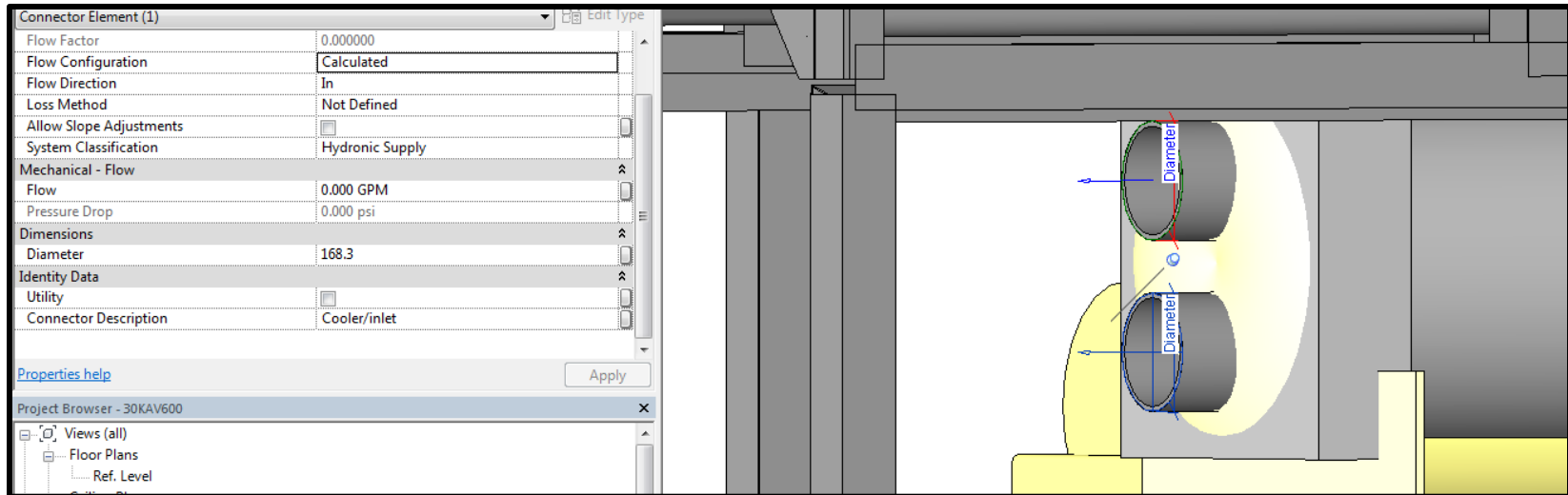
Connectors Used-

- 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

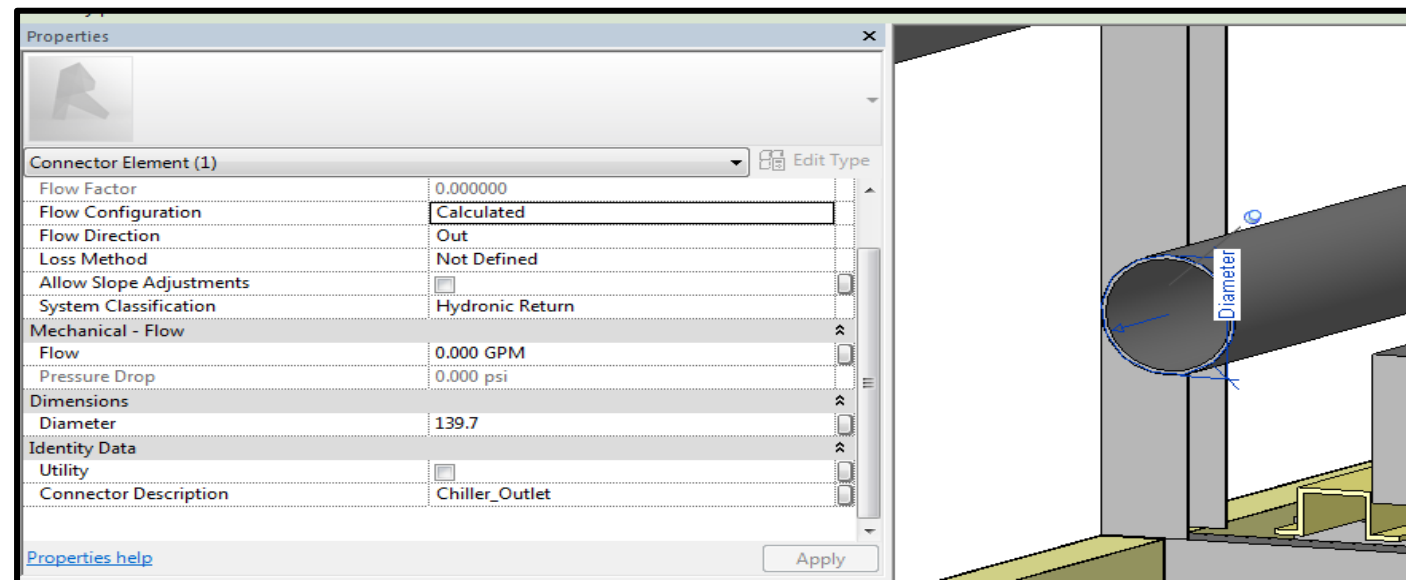
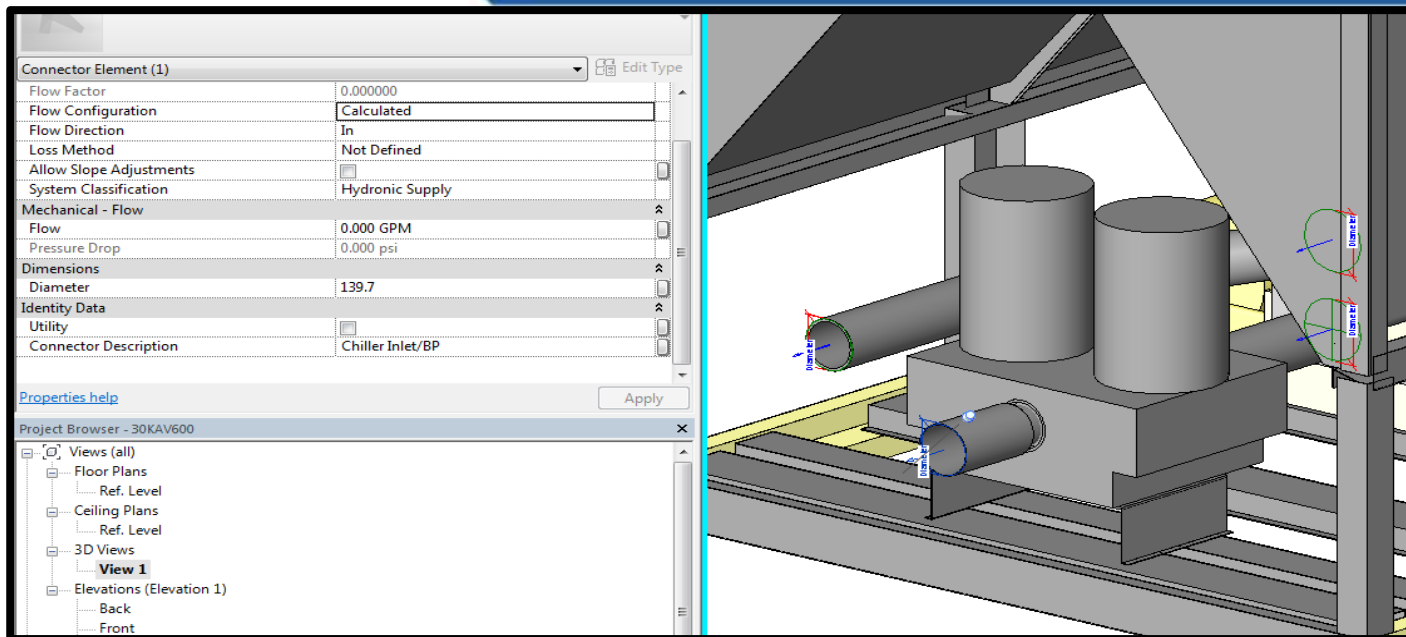
Connector Information are read by clicking on the arrow Provided as shown.

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

Cooler Inlet / Outlet



Chiller Inlet / Outlet (Customer Connection)

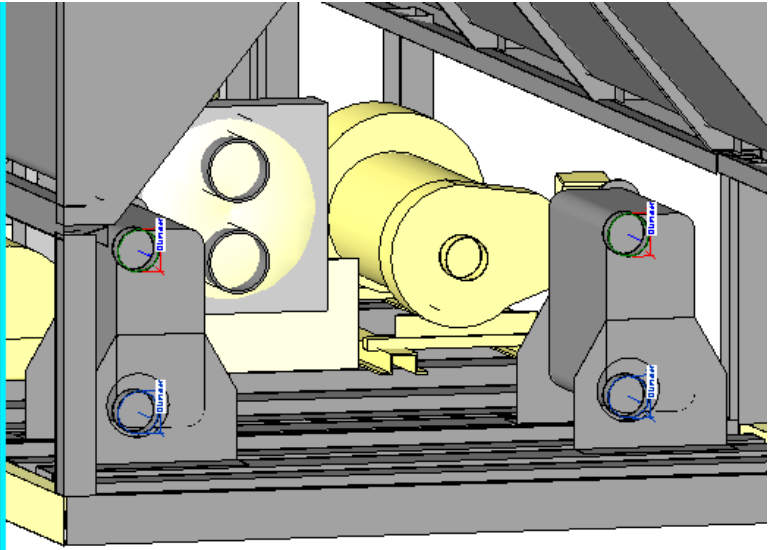


Total Heat Recovery (Opt50) Inlet / Outlet

Multiple Families Selected

Connector Element (2) Edit Type

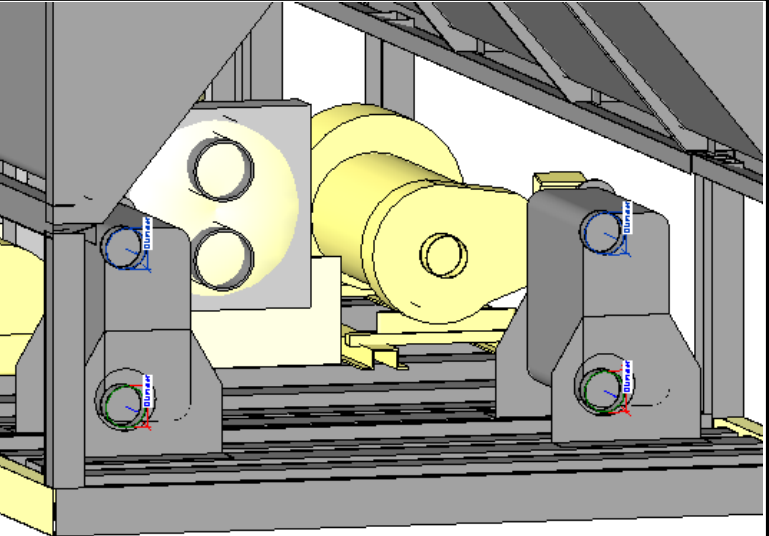
Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility	☐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



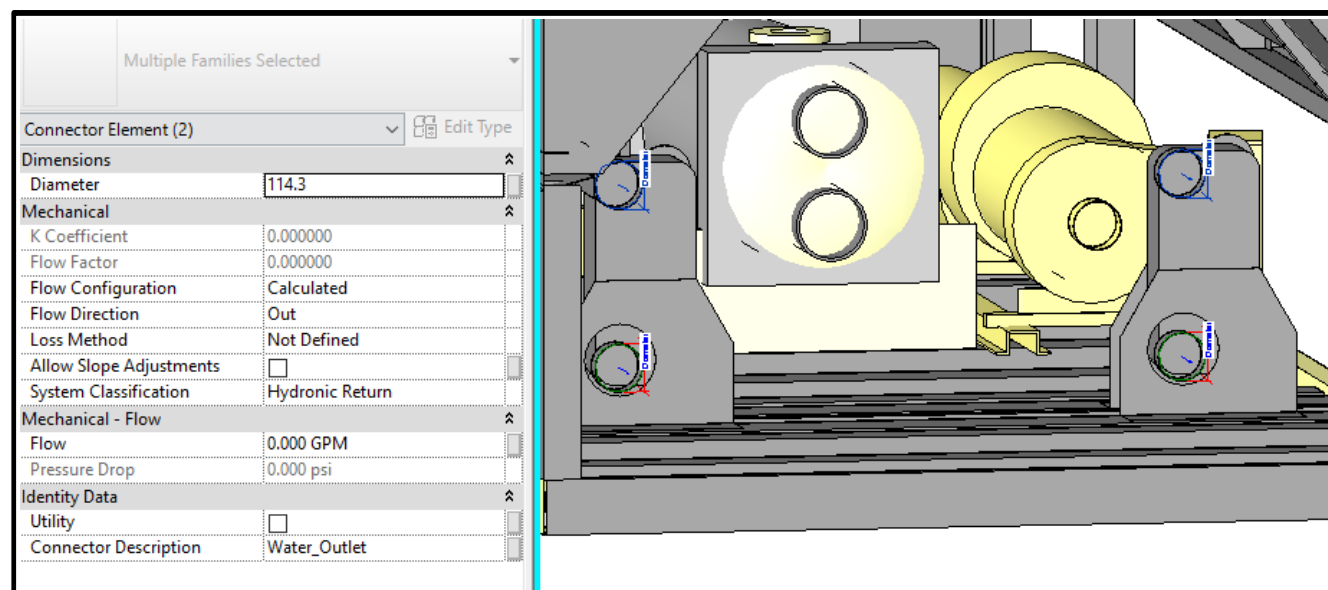
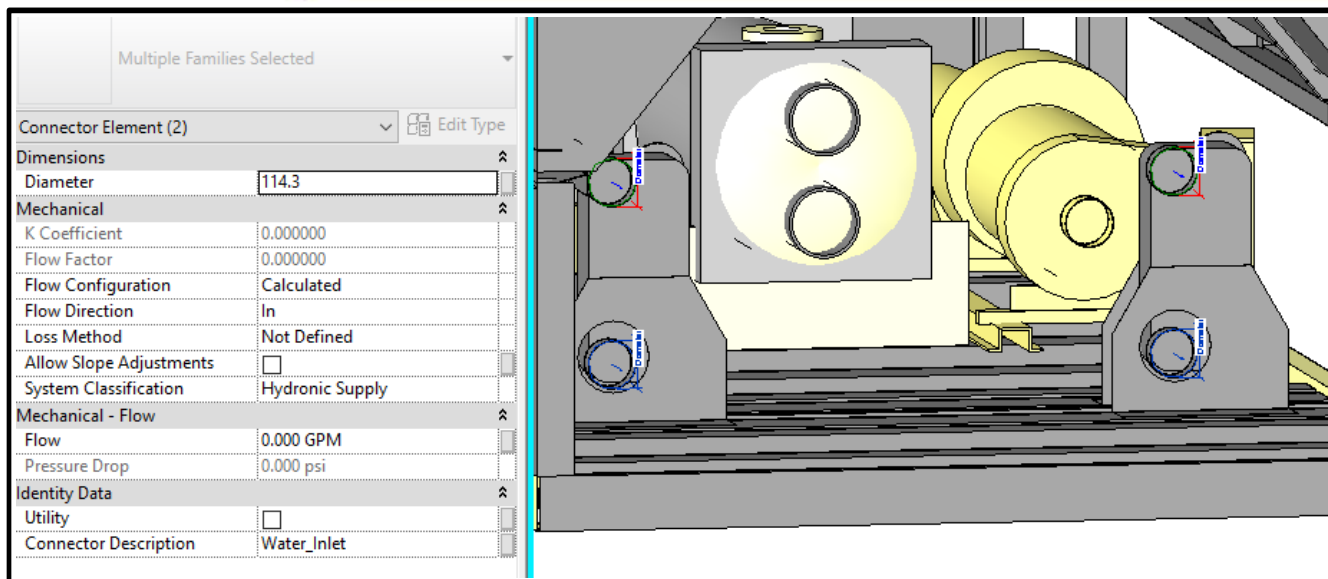
Multiple Families Selected

Connector Element (2) Edit Type

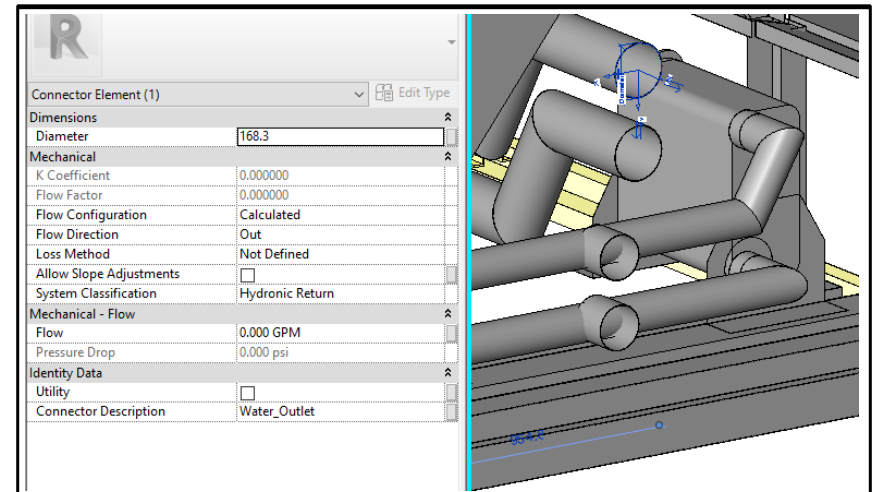
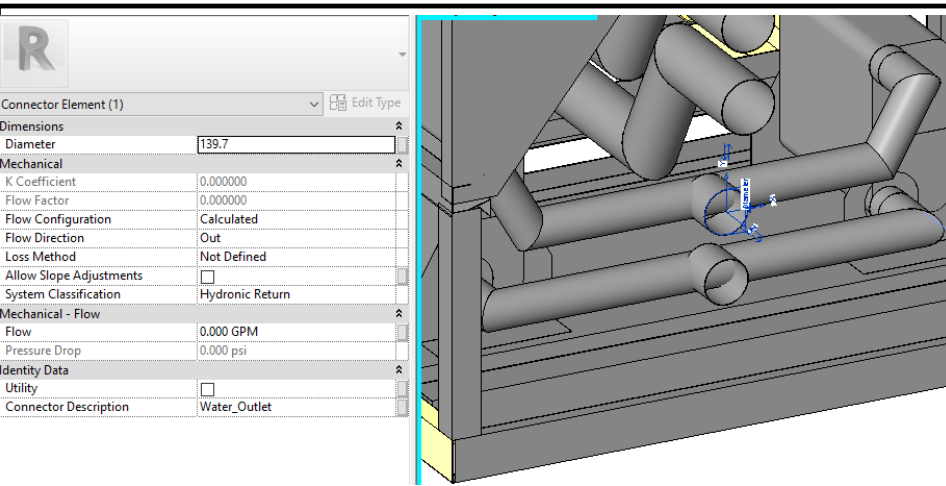
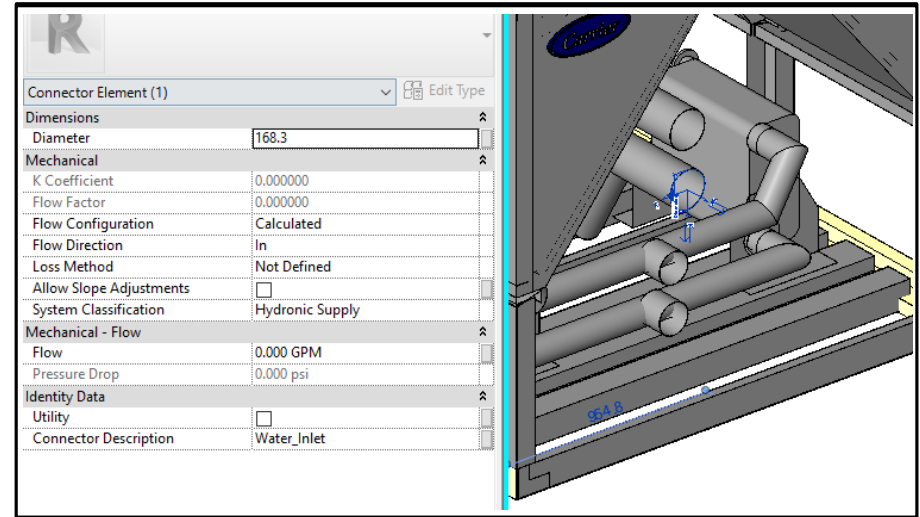
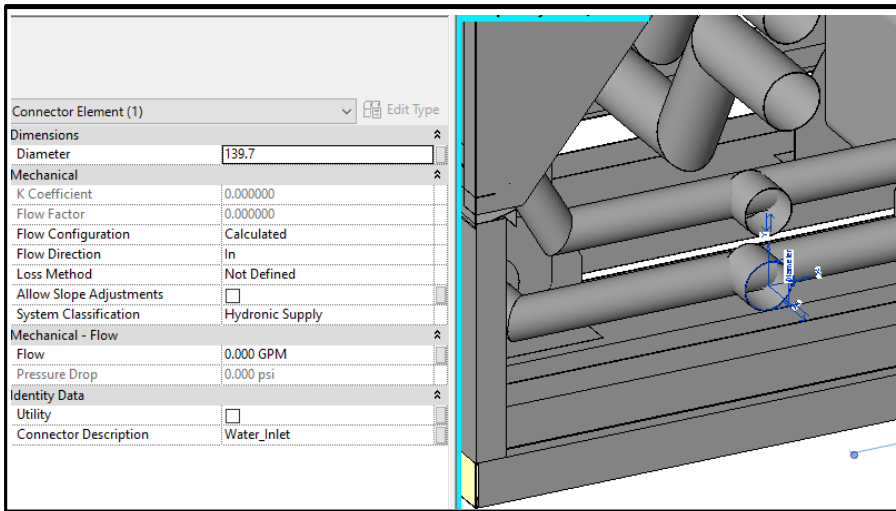
Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Return
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility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



Partial Heat Recovery (Opt49) Inlet / Outlet



Total Heat Recovery (Opt50) + Opt325 Inlet / Outlet



Total Heat Recovery (Opt49) + Opt325 Inlet / Outlet

R

Connector Element (1) Edit Type

Dimensions
Diameter 139.7

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

R

Connector Element (1) Edit Type

Dimensions
Diameter 168.3

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

R

Connector Element (1) Edit Type

Dimensions
Diameter 139.7

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

R

Connector Element (1) Edit Type

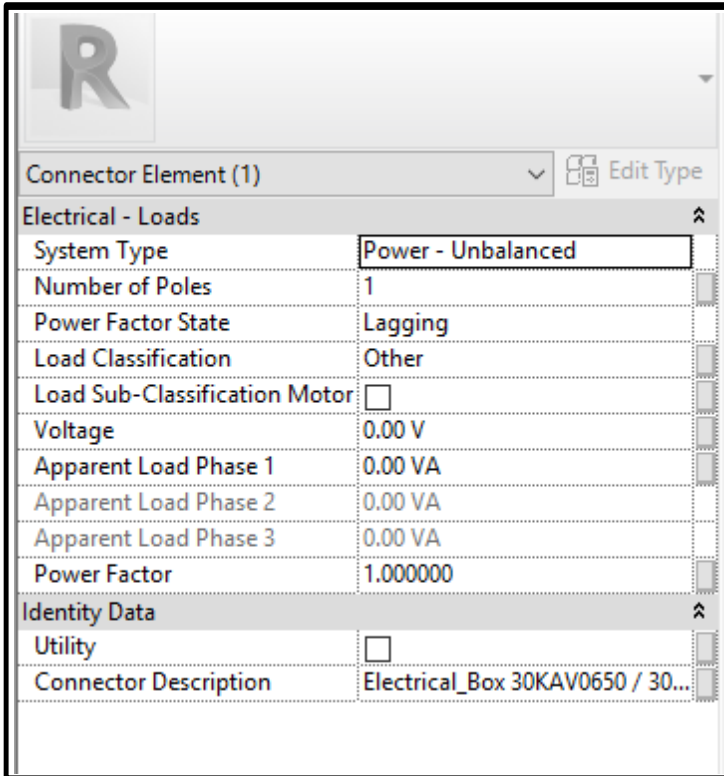
Dimensions
Diameter 168.3

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

Electrical Box Connection



R

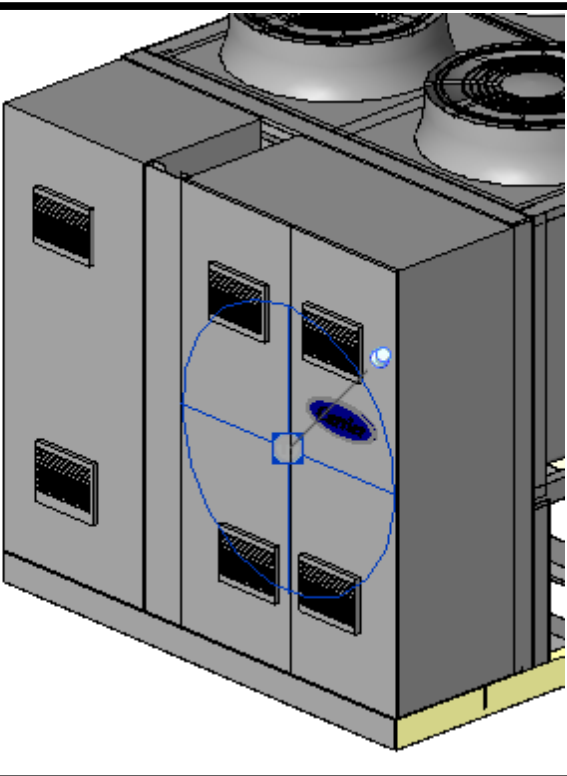
Connector Element (1)  Edit Type

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 30KAV0650 / 30...



Carrier Logo

