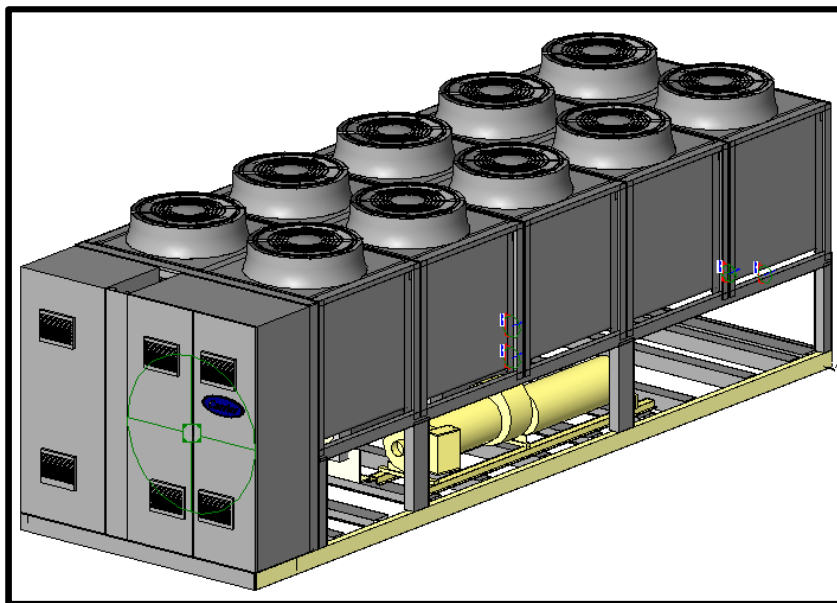


30KAV0650-OPT119 / 30KAVZE0500-OPT119 /
30KAVP0650 / 30KAVPZE0500



INDEX

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| 2. | Operation of Revit file | 4-37 |
| 3. | Connector Information | 38-46 |

Excel To Revit File Conversion

30KAV / 30KAVZE / 30KAVP / 30KAVPZE REVIT DATABASE

30KAV / 30KAVZE / 30KAVP / 30KAVPZE RANGE	<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-OPT119 / 30KAVZE0500- OPT119 / 30KAVP0650 / 30KAVPZE0500	x	x	x	x	x	x	x	x	x

SINGLE OPTION

SL NO	Revit Option	Description
1	30KAV0650-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650 / 30KAVPZE0500	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-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650 / 30KA' ▾

30KAV0650-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650 / 30KA' ▲

Search param

Para	Construction
ATEX Zone	Opt 116A + Opt 293
OPT266	Opt 116W + Opt 293
OPT266_116	Opt 15L/LS + OPT 23
OPT266_116	Opt 15L/LS + OPT 23a
OPT49+OPT	Opt 15L/LS + OPT 116A
OPT49+OPT	Opt 15L/LS + OPT 116W
OPT49+OPT	Opt 15L/LS + OPT 23+Opt 116A+OPT 293
OPT49+OPT	Opt 15L/LS + OPT 23+Opt 116W
OPT49+OPT	Opt 15L/LS + OPT 23+Opt 116W+OPT 293
OPT49+OPT	Opt 15L/LS + OPT 23a+Opt 116A
OPT49+OPT	Opt 15L/LS + OPT 23a+Opt 116A+OPT 293
OPT49+OPT	Opt 15L/LS + OPT 23a+Opt 116W
OPT49+OPT	Opt 15L/LS + OPT 23a+Opt 116W+OPT 293
OPT49+OPT	Opt 15L/LS + OPT 293+Opt 116A
OPT49+OPT	Opt 15L/LS + OPT 293+Opt 116W
OPT49+OPT	Opt 23 + OPT 116A
OPT49+OPT	Opt 23 + OPT 116A+Opt 293
OPT49+OPT	Opt 23 + OPT 116W
OPT49+OPT	Opt 23 + OPT 116W+Opt 293
OPT49+OPT	Opt 23a + OPT 116A
OPT49+OPT	Opt 23a + OPT 116A+Opt 293
OPT49+OPT	Opt 23a + OPT 116W
OPT49+OPT	Opt 23a + OPT 116W+Opt 293
OPT49+OPT	Opt 116A + OPT 266
Service Area	Opt 116W + OPT 266
Option_23	OPT15/15LS
Option_293	OPT23
Option_293	Opt23a

OPT23a	☐	=
OPT116-BP	☐	=
OPT116-HP	☐	=
15LS/15L	☐	=

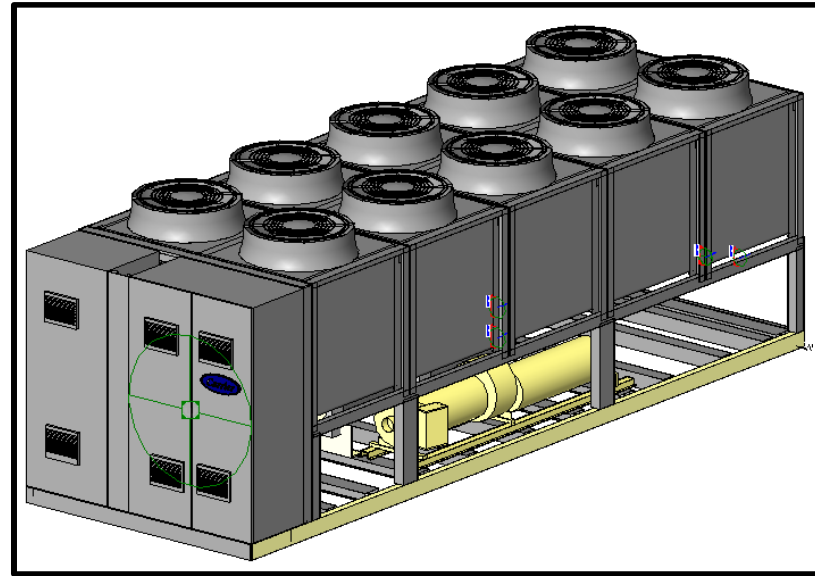
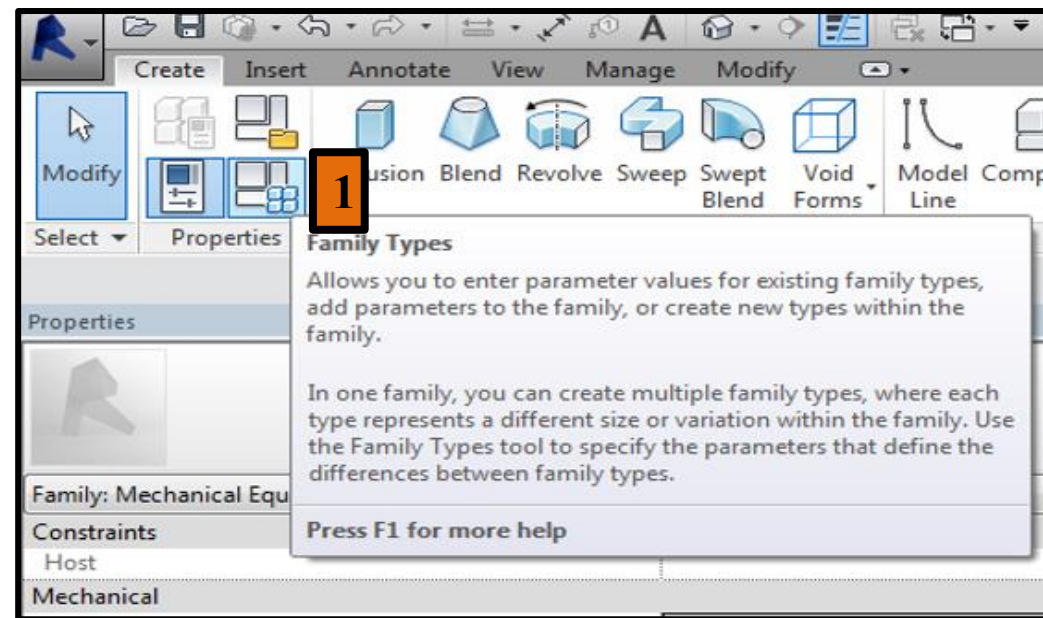
Identity Data

How do I manage family types?

OK Cancel

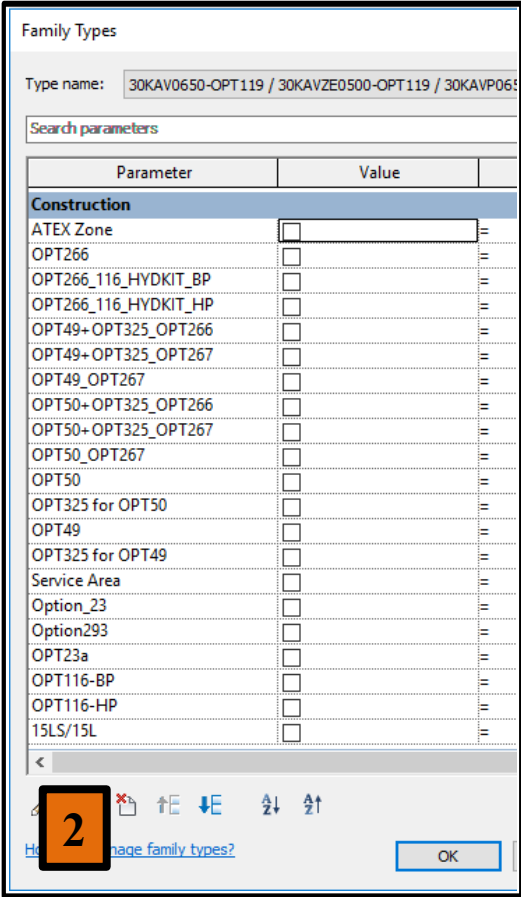
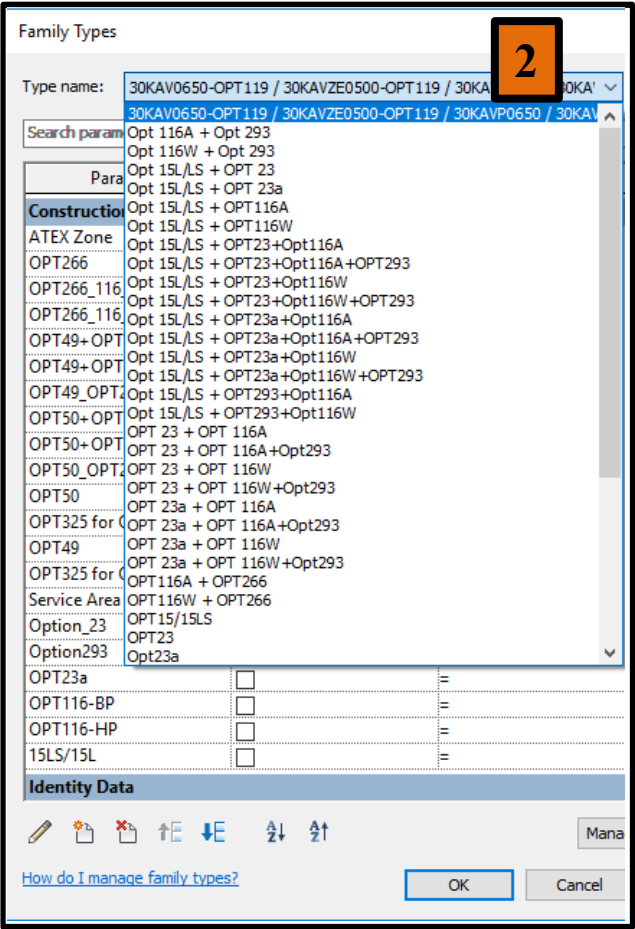
Operating Revit file

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.



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-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650 / 30KAVPZE0500

Family Types

Type name: 30KAV0650-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650

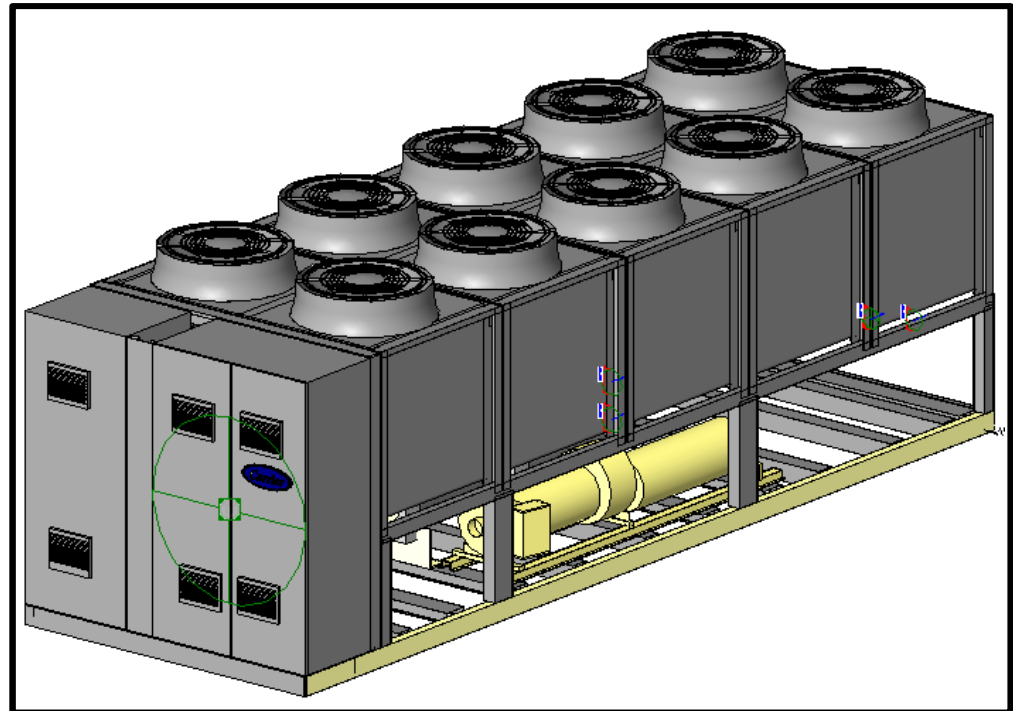
Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_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	☐
OPT23a	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐

<

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

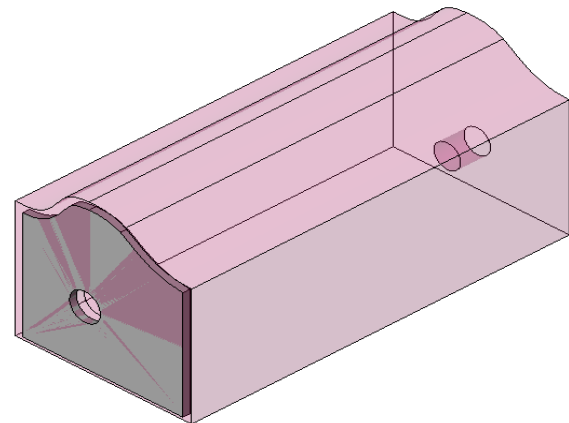
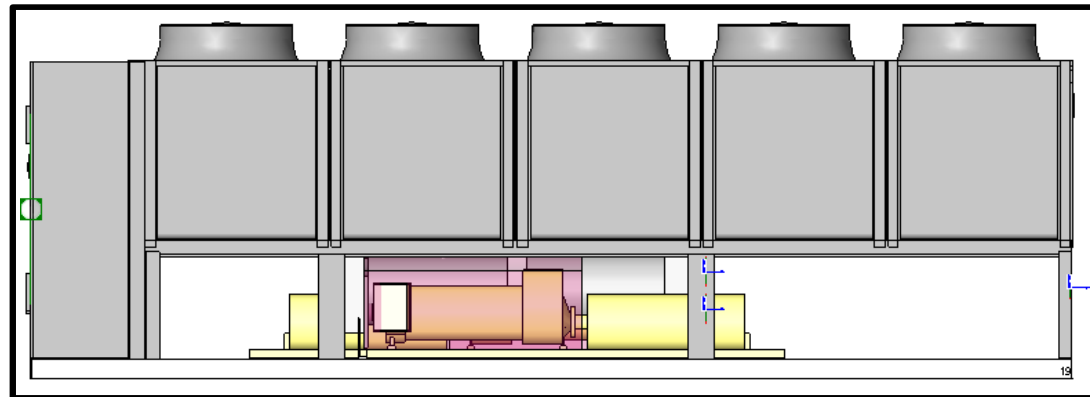
Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Opt23a	☐	=
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

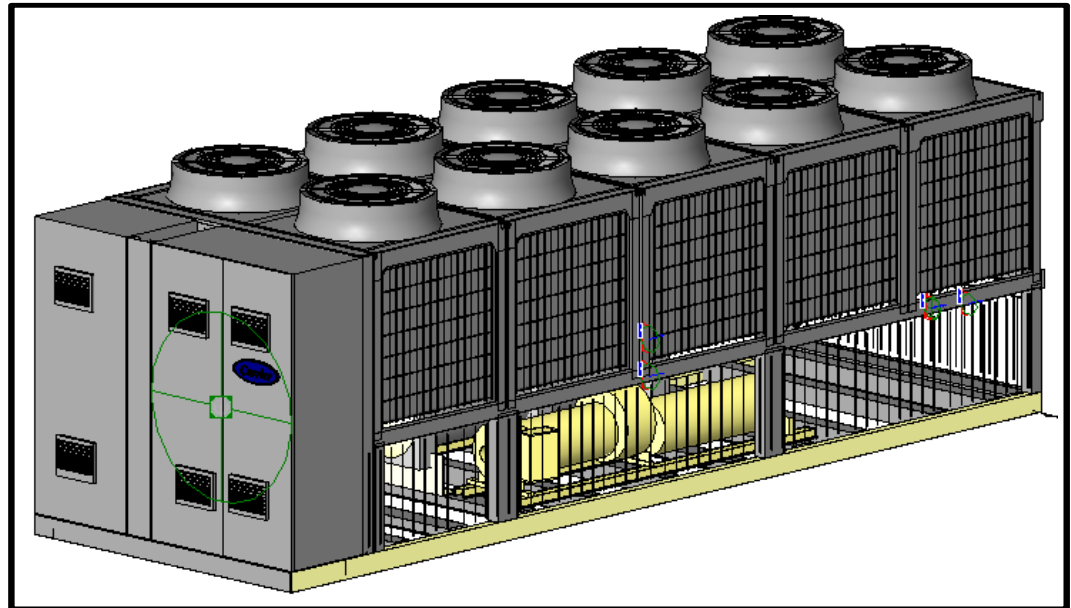
Type name: OPT23

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☒
Option293	☐
Opt23a	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Option 23a

Coil panel protection Standard unit + panel

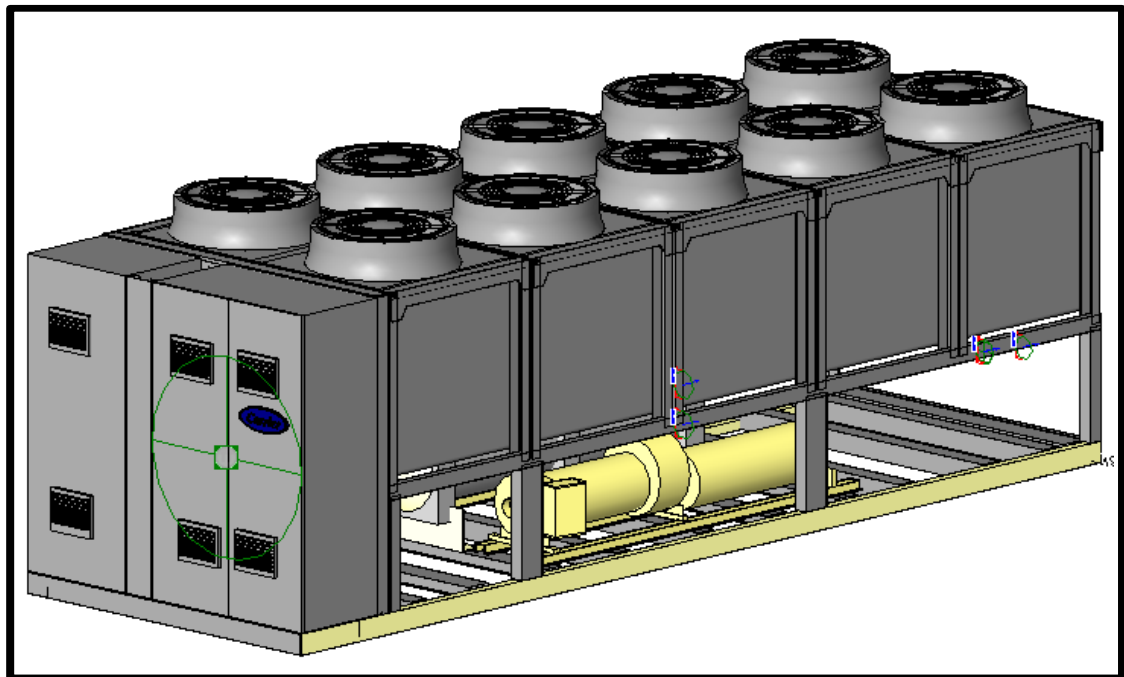
Family Types

Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Opt23a	☒
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Option 116A

Low Pressure Double Pump STD Unit + Pump(BP)

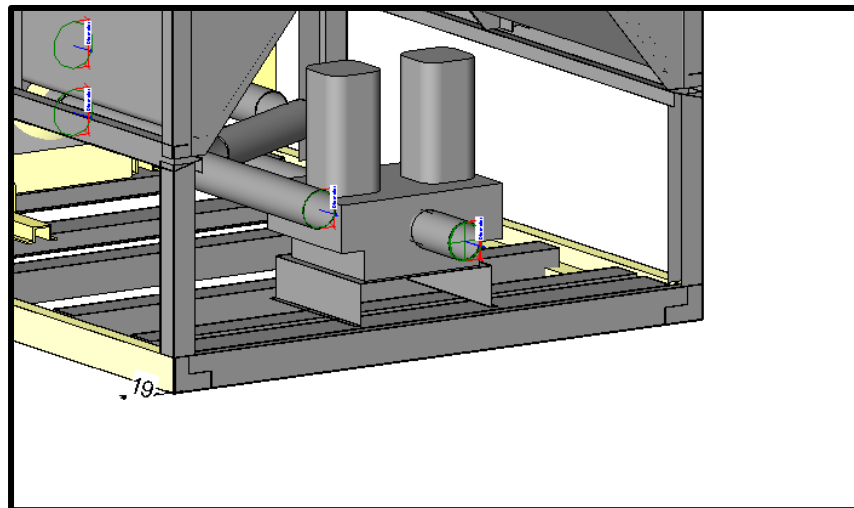
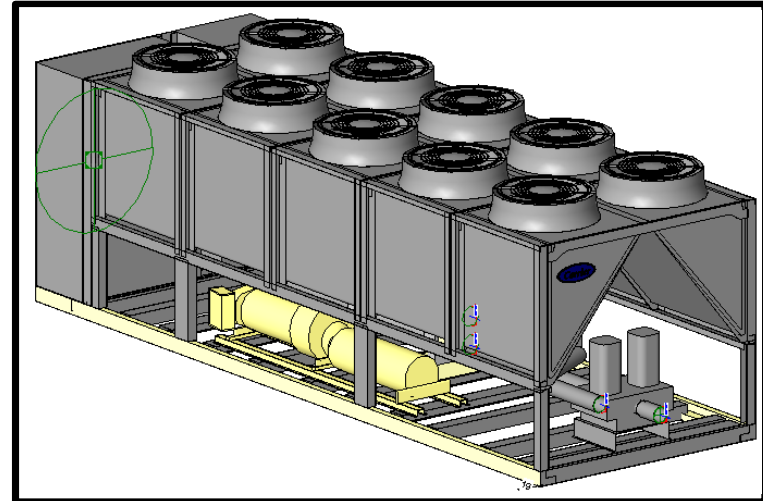
Family Types

Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Opt23a	☐
OPT116-600BP	☒
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Option 116W

High Pressure Double Pump STD Unit + Pump(HP)

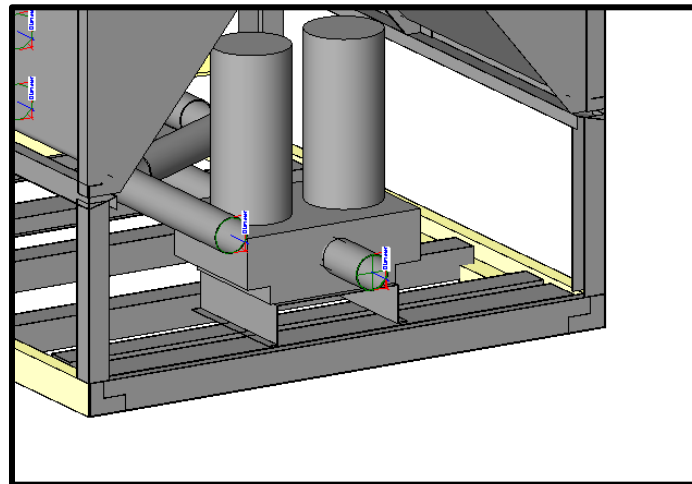
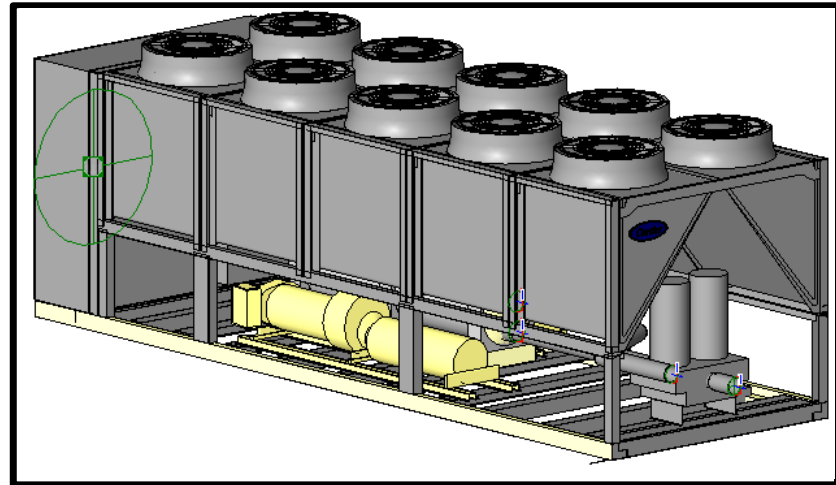
Family Types

Type name: Opt 116W

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Opt23a	☐
OPT116-600BP	☐
OPT116-600HP	☒
15LS/15L	☐
Identity Data	

How do I manage family types? OK



Option 293

Expansion Tank

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

Family Types

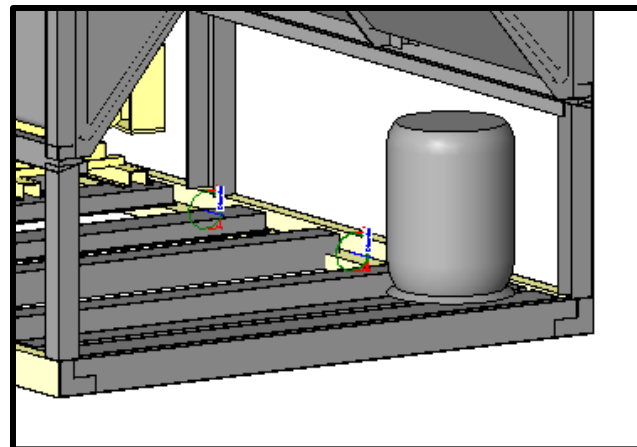
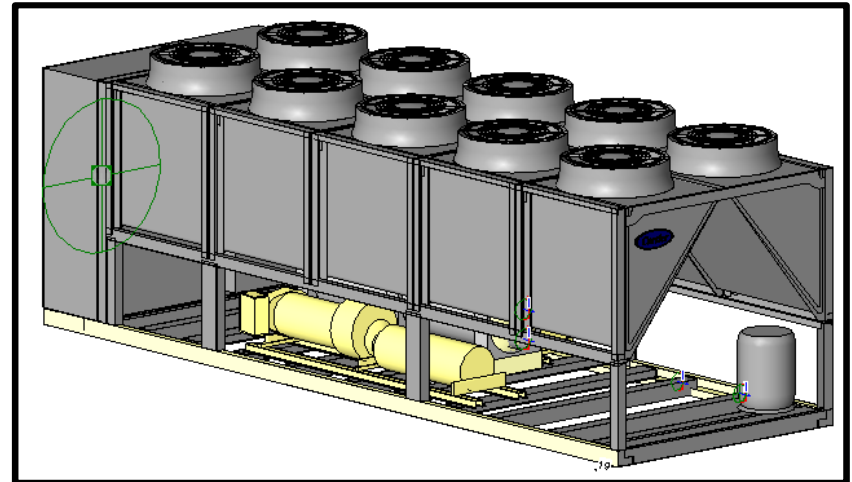
Type name:

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☒	=
Opt23a	☐	=
OPT116-600BP	☐	=
OPT116-600HP	☐	=
15LS/15L	☐	=
Identity Data		

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



Option 49

Partial Heat Recovery

Family Types

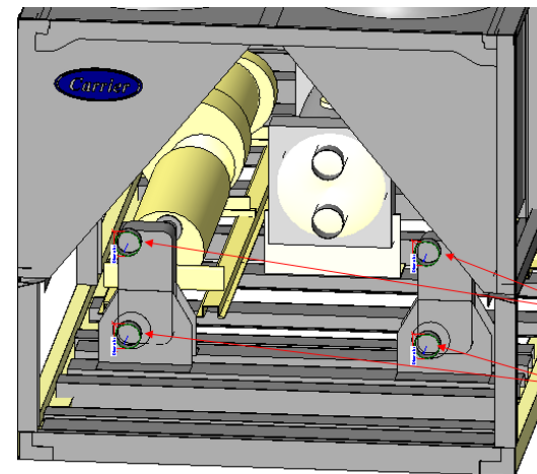
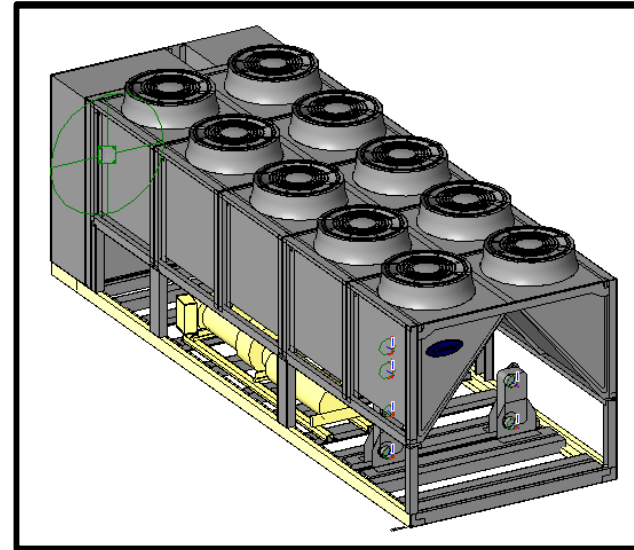
Type name:

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☒
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Opt23a	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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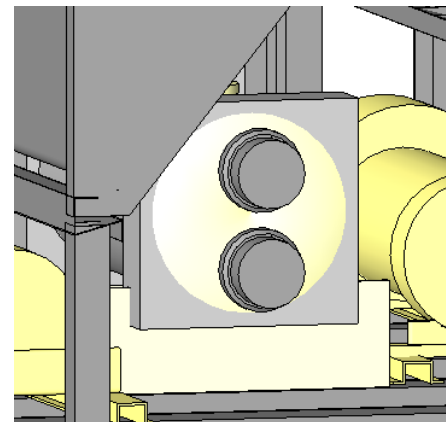
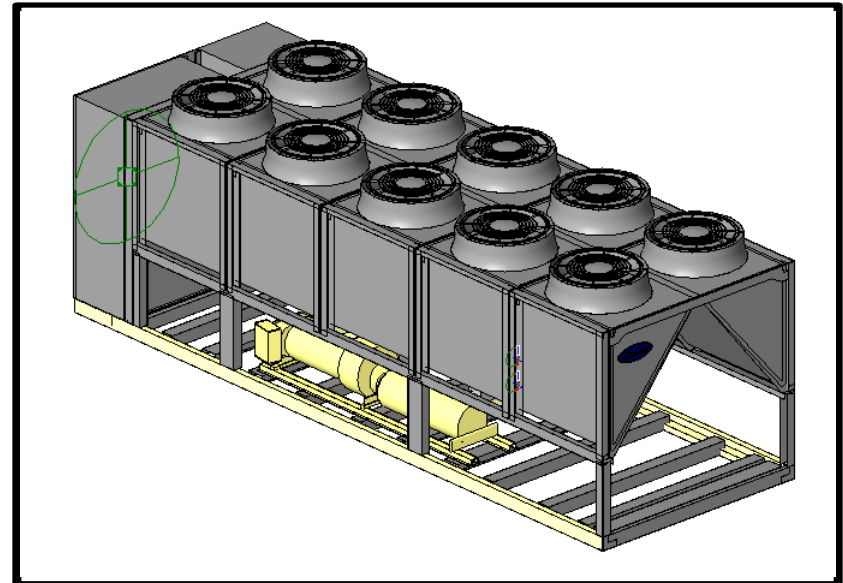
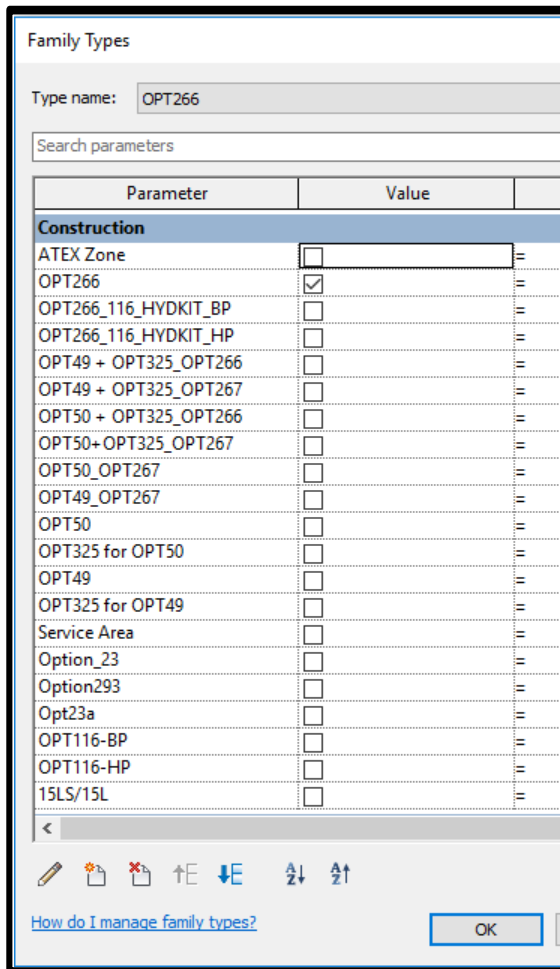


Water Outlet

Water Inlet

Option 266

Cooler hydraulic connection



Service Area Option

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

Family Types

Type name: Service Area

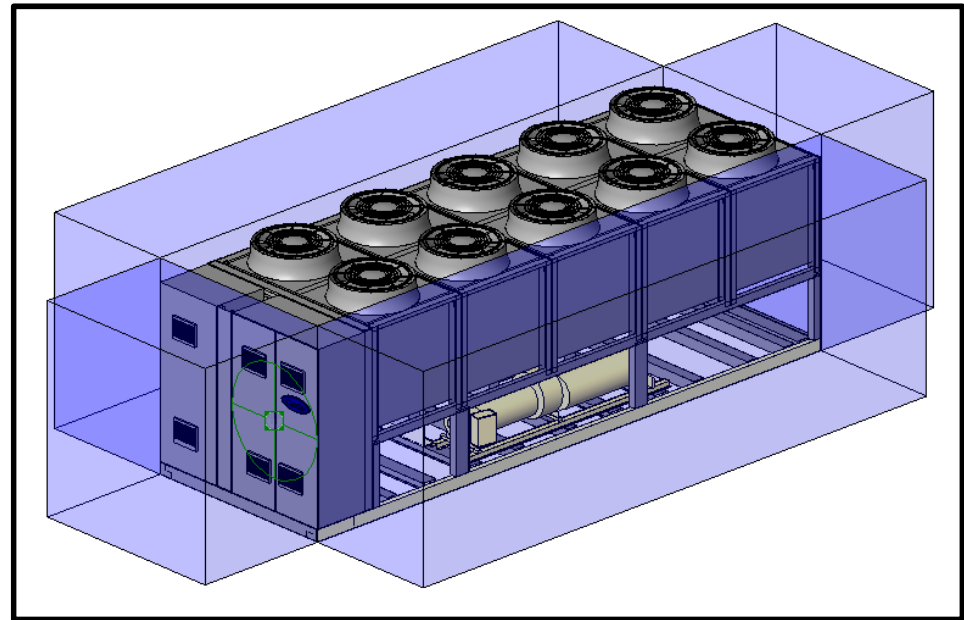
Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49 + OPT325_OPT266	☐
OPT49 + OPT325_OPT267	☐
OPT50 + OPT325_OPT266	☐
OPT50+OPT325_OPT267	☐
OPT50_OPT267	☐
OPT49_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☒
Option_23	☐
Option293	☐
Opt23a	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐

<

How do I manage family types?

OK



Service Area & ATEX Zone - ZE Units

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

Family Types

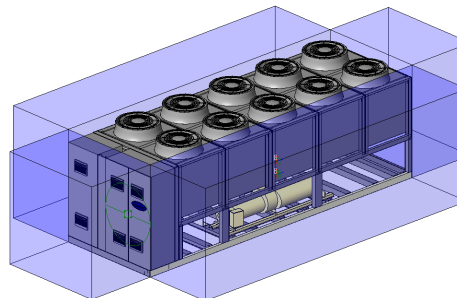
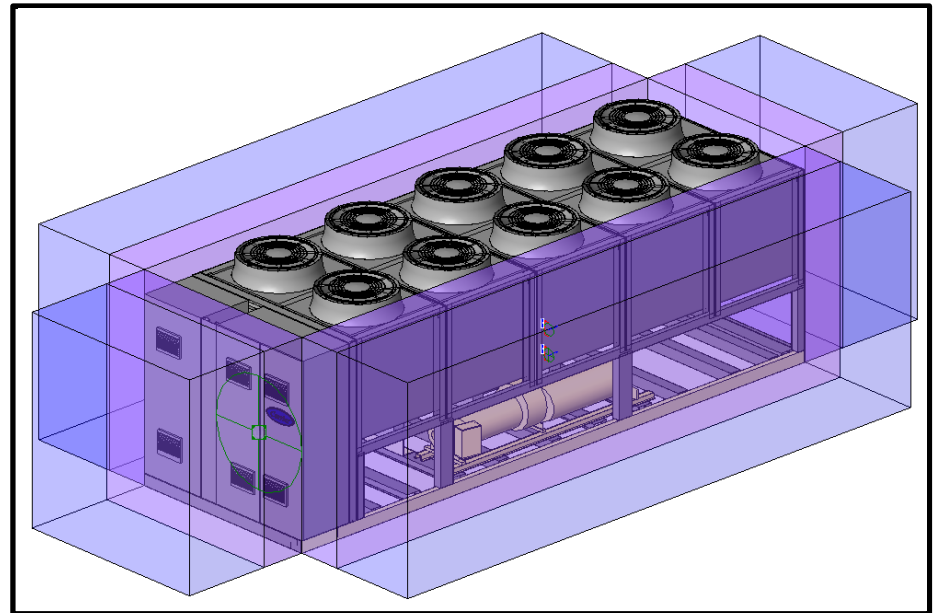
Type name: Service Area + ATEX Zone - Only ZE Units

Search parameters

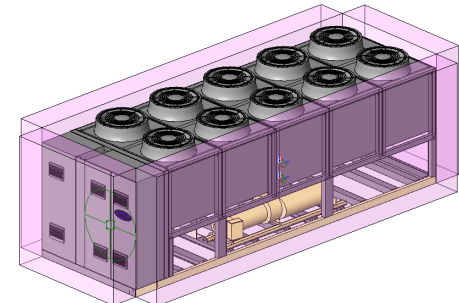
Parameter	Value
Construction	
ATEX Zone	☒
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49+OPT325_OPT266	☐
OPT49+OPT325_OPT267	☐
OPT49_OPT267	☐
OPT50+OPT325_OPT266	☐
OPT50+OPT325_OPT267	☐
OPT50_OPT267	☐
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☒
Option_23	☐
Option293	☐
Option23a	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐

How do I manage family types?

OK



Service Area



ATEX Zone

Dual Combo Units

<i>30KAV / 30KAVZE / 30KAVP / 30KAVPZE REVIT DATABASE</i>									
30KAV / 30KAVZE / 30KAVP / 30KAVPZE 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
30KAV0650-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650 / 30KAVPZE0500	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

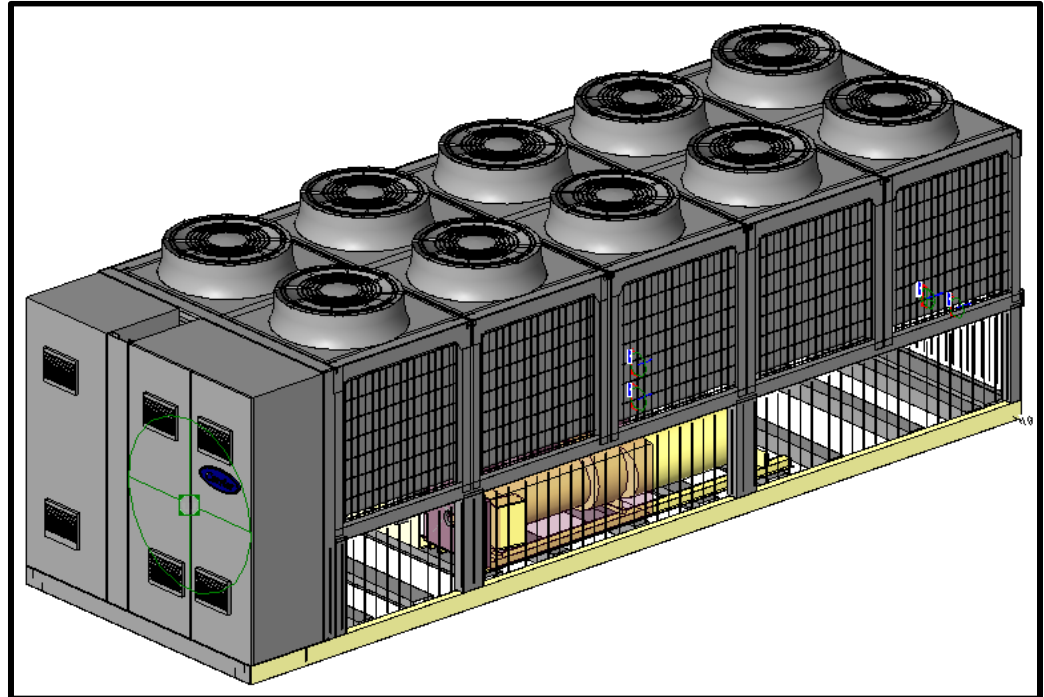
Type name: Opt 15L/LS + OPT 23

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☒	=
Option293	☐	=
Opt23a	☐	=
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	☐	=
Option_23	☐	=
Option293	☐	=
Opt23a	☒	=
OPT116-600BP	☐	=
OPT116-600HP	☐	=
15LS/15L	☒	=
Identity Data		

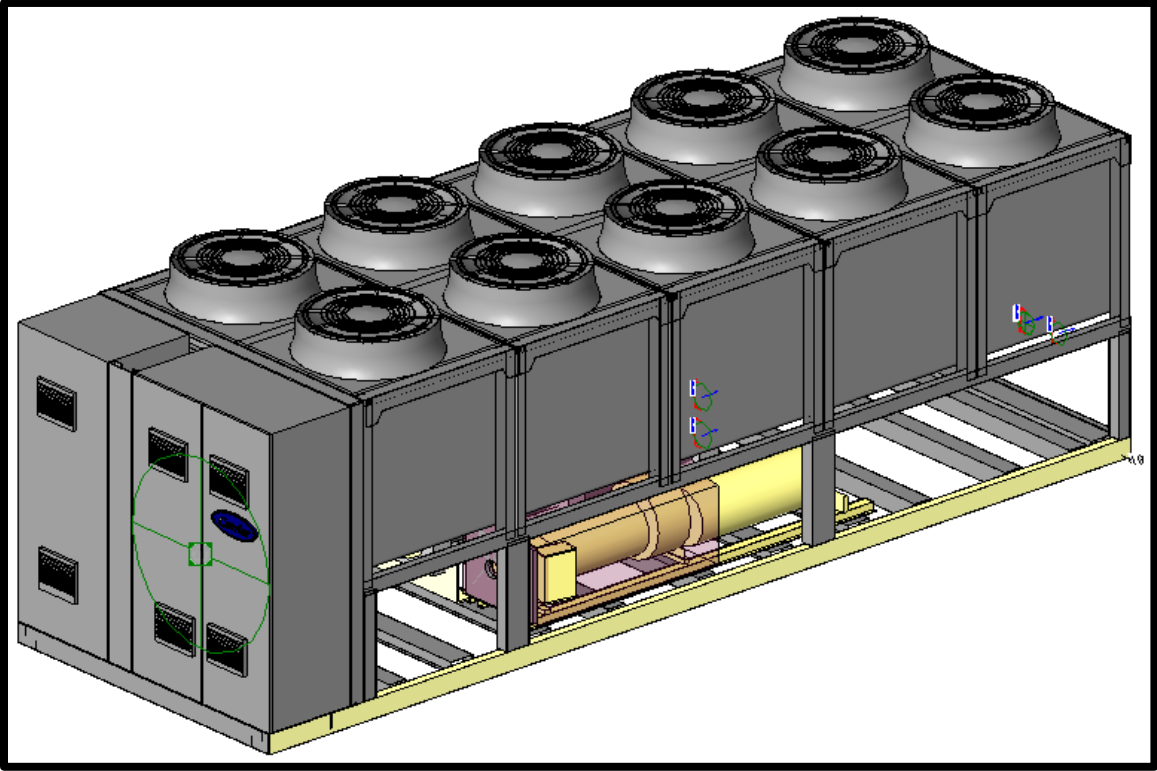








[How do I manage family types?](#) OK



Option 116A+Option15/15LS

Family Types

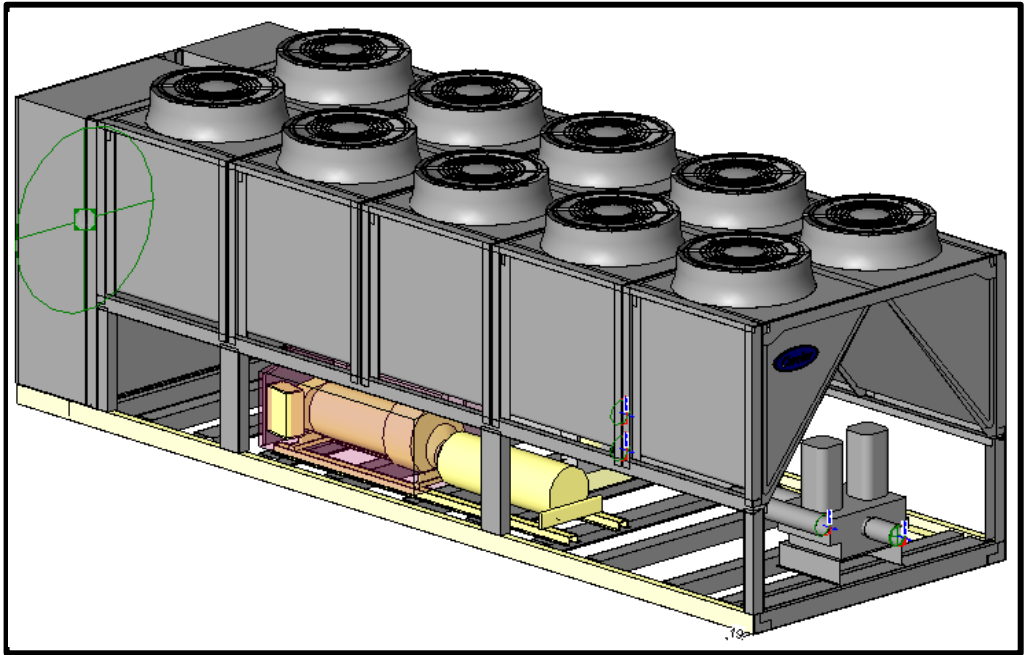
Type name: Opt 15L/LS + OPT116A

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Opt23a	☐	=
OPT116-600BP	☒	=
OPT116-600HP	☐	=
15LS/15L	☒	=
Identity Data		

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

OK



Option 116W+Option15/15LS

Family Types

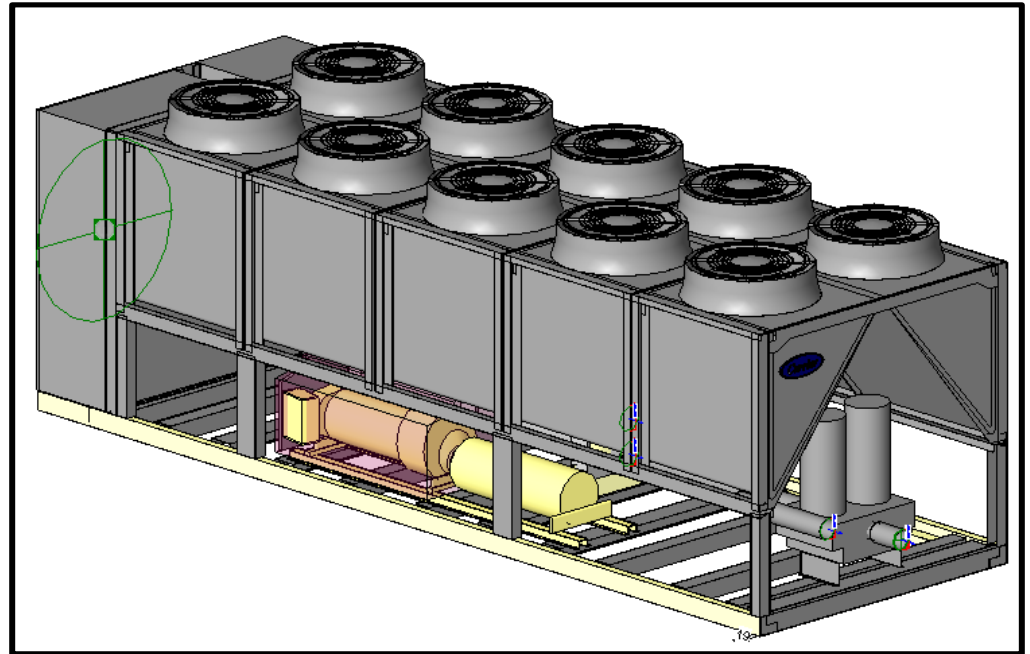
Type name: Opt 15L/LS + OPT116W

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Opt23a	☐
OPT116-600BP	☐
OPT116-600HP	☒
15LS/15L	☒
Identity Data	

How do I manage family types?

OK



Option 116A+Option23

1) In this slide only 23 is shown. Same way 23a is also configured

Family Types

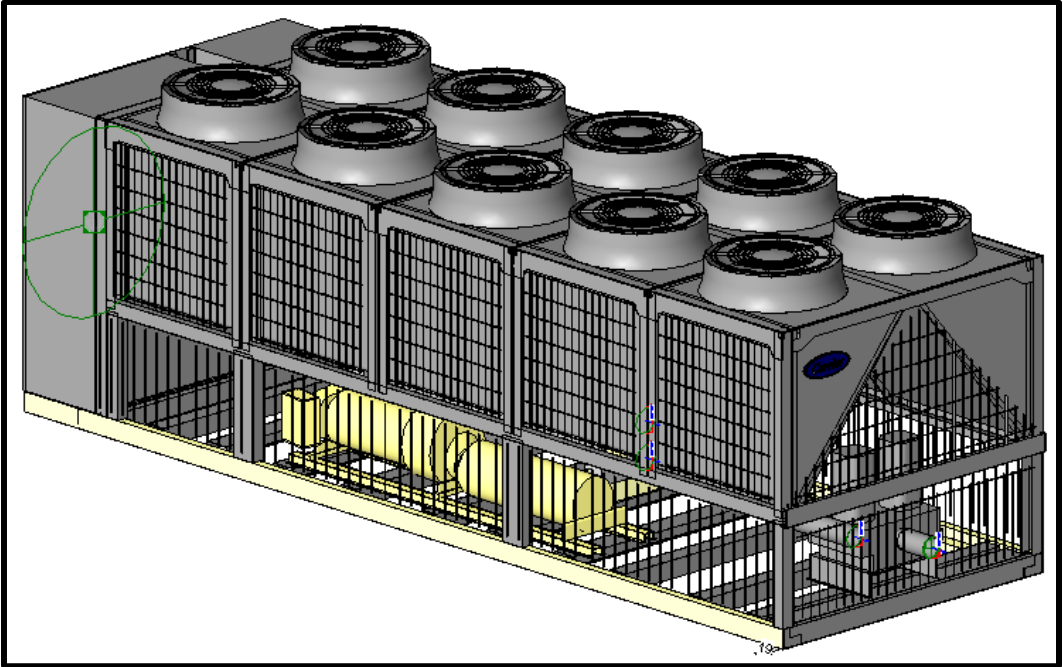
Type name: OPT 23 + OPT 116A

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☐	=
OPT325 for OPT49	☐	=
Service Area	☐	=
Option_23	☒	=
Option293	☐	=
Opt23a	☐	=
OPT116-600BP	☒	=
OPT116-600HP	☐	=
15LS/15L	☐	=
Identity Data		

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

OK



Option 116W+Option23

1) In this slide only 23 is shown. Same way 23a is also configured

Family Types

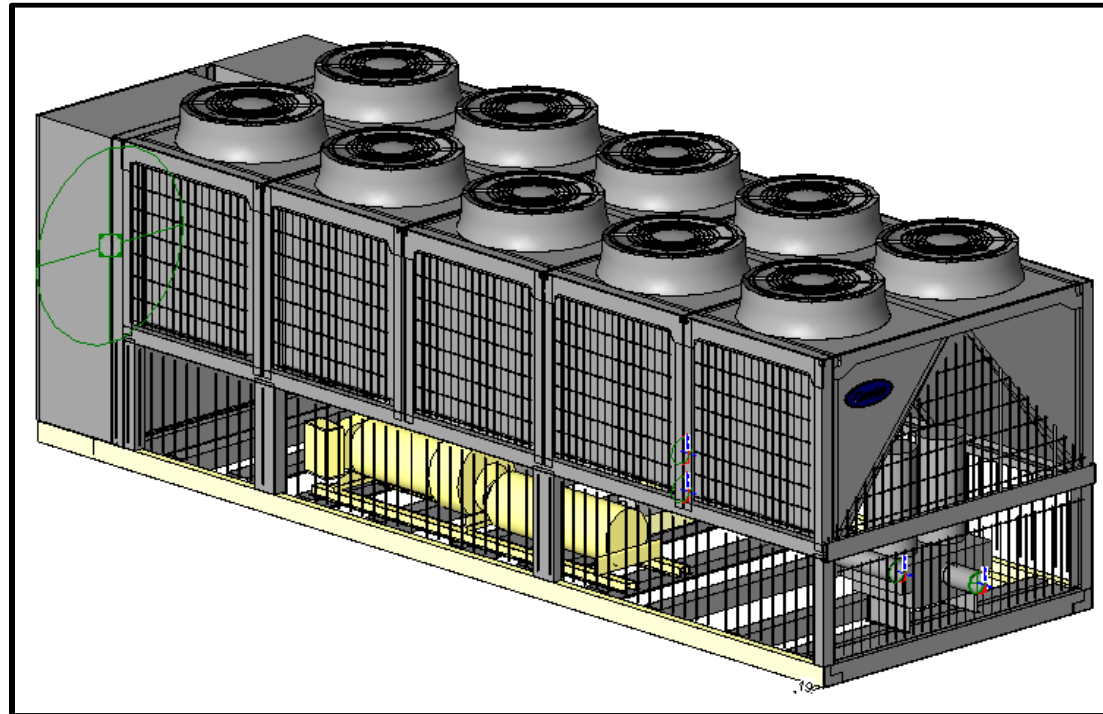
Type name: OPT 23 + OPT 116W

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☒
Option293	☐
Opt23a	☐
OPT116-600BP	☐
OPT116-600HP	☒
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

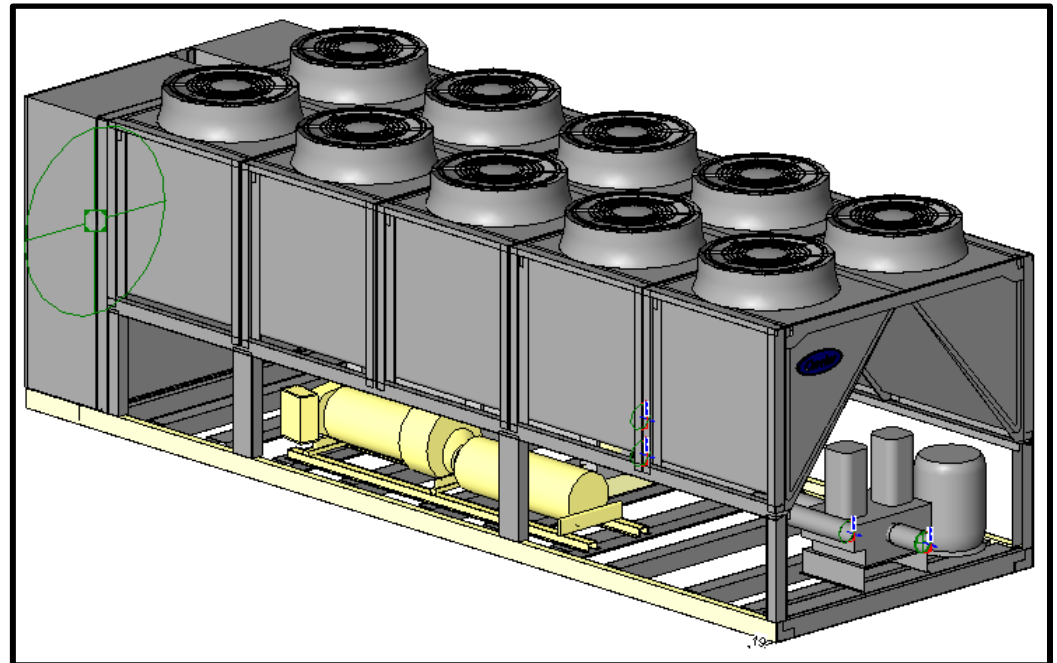
Family Types

Type name: Opt 116A + Opt 293

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☒
Opt23a	☐
OPT116-600BP	☒
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Option50 + Option325

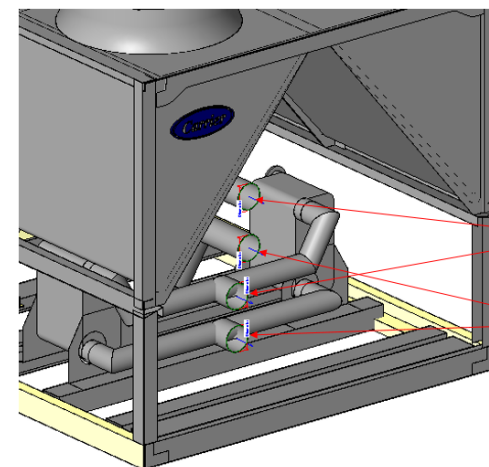
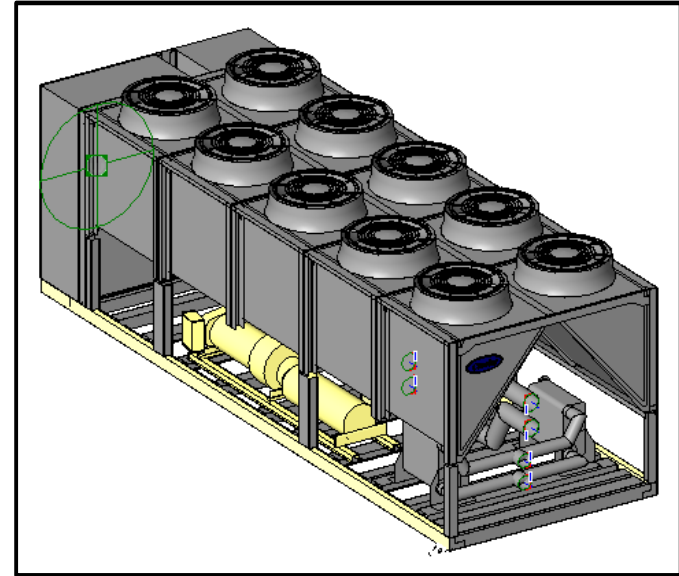
Family Types

Type name: OPT50 + OPT325

Search parameters

Parameter	Value
Construction	
OPT50	☒
OPT325 for OPT50	☒
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Opt23a	☐
OPT116-600BP	☐
OPT116-600HP	☐
15LS/15L	☐
Identity Data	

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



Water Outlet

Water Inlet

Option49 + Option325

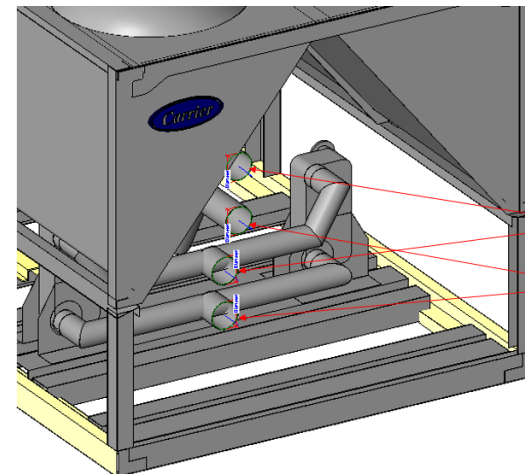
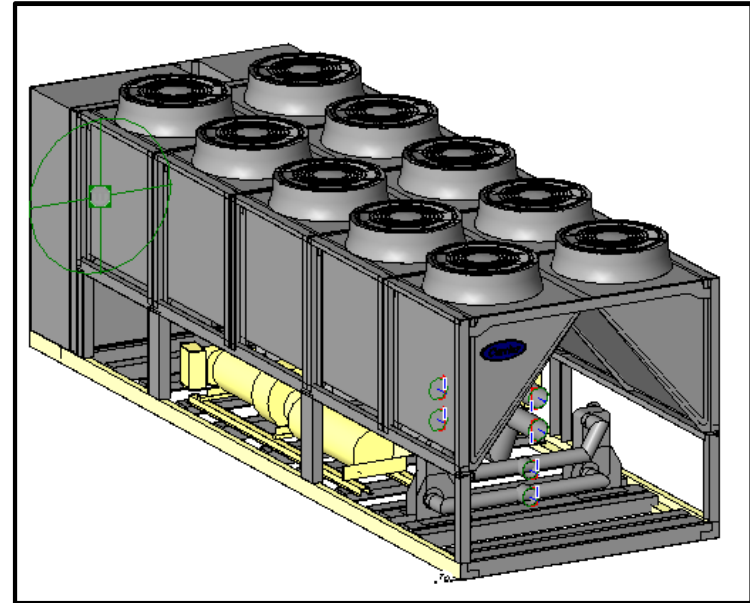
Family Types

Type name: OPT49 + OPT325

Search parameters

Parameter	Value	
Construction		
OPT50	☐	=
OPT325 for OPT50	☐	=
OPT49	☒	=
OPT325 for OPT49	☒	=
Service Area	☐	=
Option_23	☐	=
Option293	☐	=
Opt23a	☐	=
OPT116-600BP	☐	=
OPT116-600HP	☐	=
15LS/15L	☐	=
Identity Data		

How do I manage family types?



Water Outlet

Water Inlet

Option 116 + Option 266

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

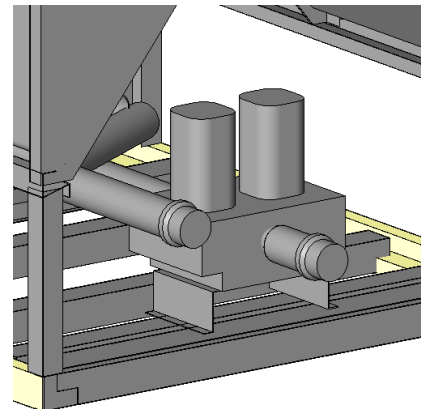
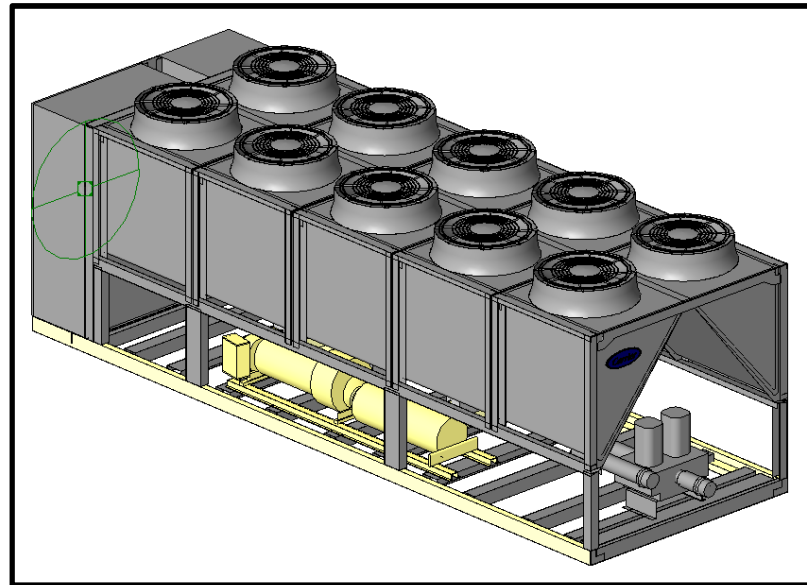
Family Types

Type name: OPT116A + OPT266

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☒
OPT266_116_HYDKIT_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	☐
Option23a	☐
OPT116-BP	☒
OPT116-HP	☐
15LS/15L	☐

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



Triple Combo Units

30KAV / 30KAVZE / 30KAVP / 30KAVPZE REVIT DATABASE

<u>30KAV / 30KAVZE / 30KAVP / 30KAVPZE RANGE</u>	<u>Options Combinations</u>						
	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-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650 / 30KAVPZE0500	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

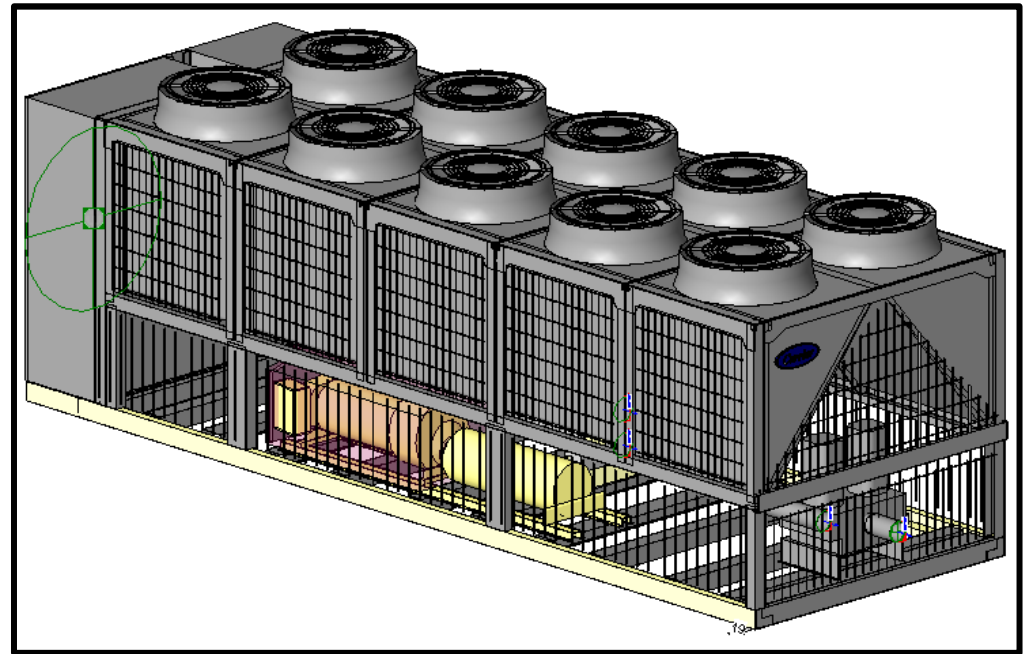
Family Types

Type name: Opt 15L/LS + OPT23+Opt116A

Search parameters

Parameter	Value	
Construction		
OPT50	☐	==
OPT325 for OPT50	☐	==
OPT49	☐	==
OPT325 for OPT49	☐	==
Service Area	☐	==
Option_23	☒	==
Option293	☐	==
Opt23a	☐	==
OPT116-600BP	☒	==
OPT116-600HP	☐	==
15LS/15L	☒	==
Identity Data		

How do I manage family types?



Option 15L/15LS+Option293 + Option116

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

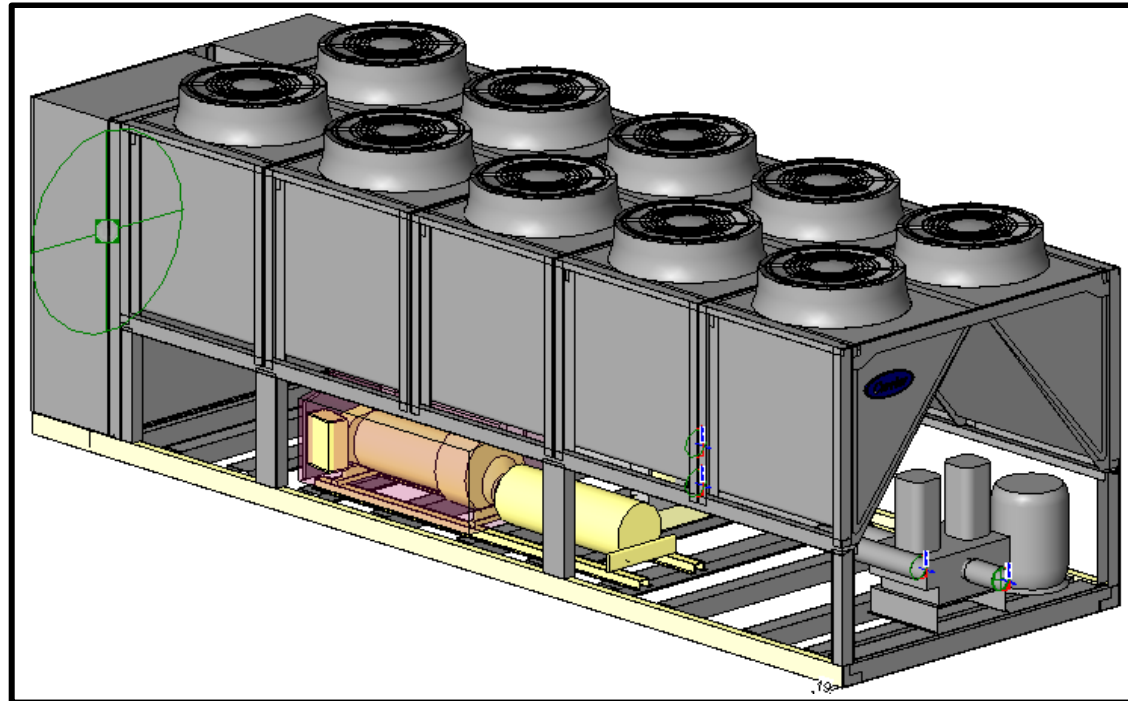
Family Types

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

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	
Option_23	☐
Option293	☒
Opt23a	☐
OPT116-600BP	☒
OPT116-600HP	☐
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

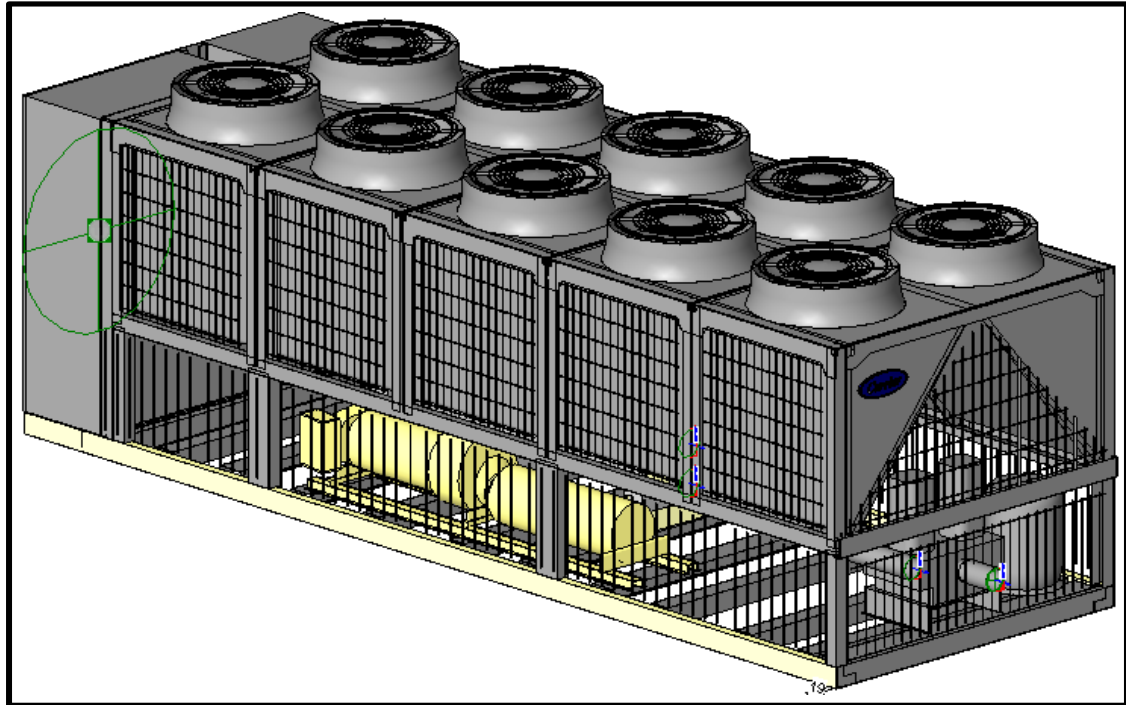
Family Types

Type name: OPT 23 + OPT 116A+Opt293

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☒
Option293	☒
Opt23a	☐
OPT116-600BP	☒
OPT116-600HP	☐
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.

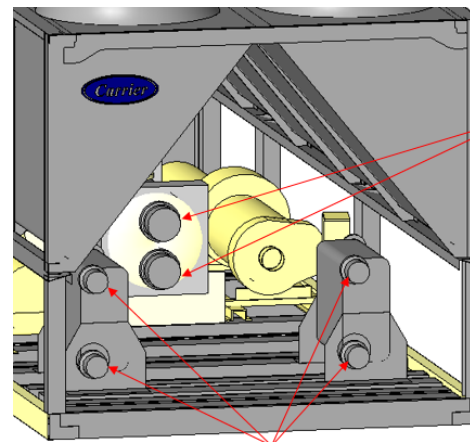
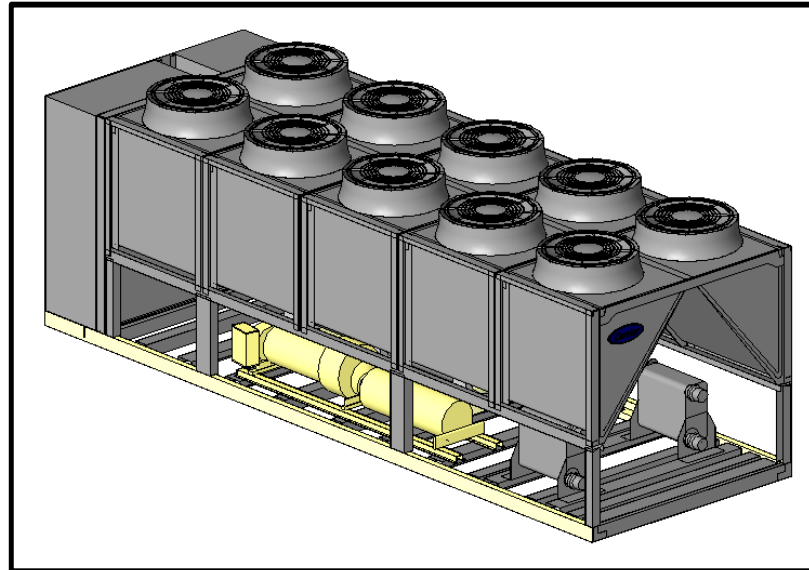
Family Types

Type name:

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☒
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_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	☐
Option23a	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐

How do I manage family types?



Opt 266

Opt 267

4 Combo Units

<i>30KAV / 30KAVZE / 30KAVP / 30KAVPZE REVIT DATABASE</i>				
<u>30KAV / 30KAVZE / 30KAVP / 30KAVPZE 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-OPT119 / 30KAVZE0500-OPT119 / 30KAVP0650 / 30KAVPZE0500	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. Same way 116W is also configured.
- 2) Similar way Opt 23a is also configured

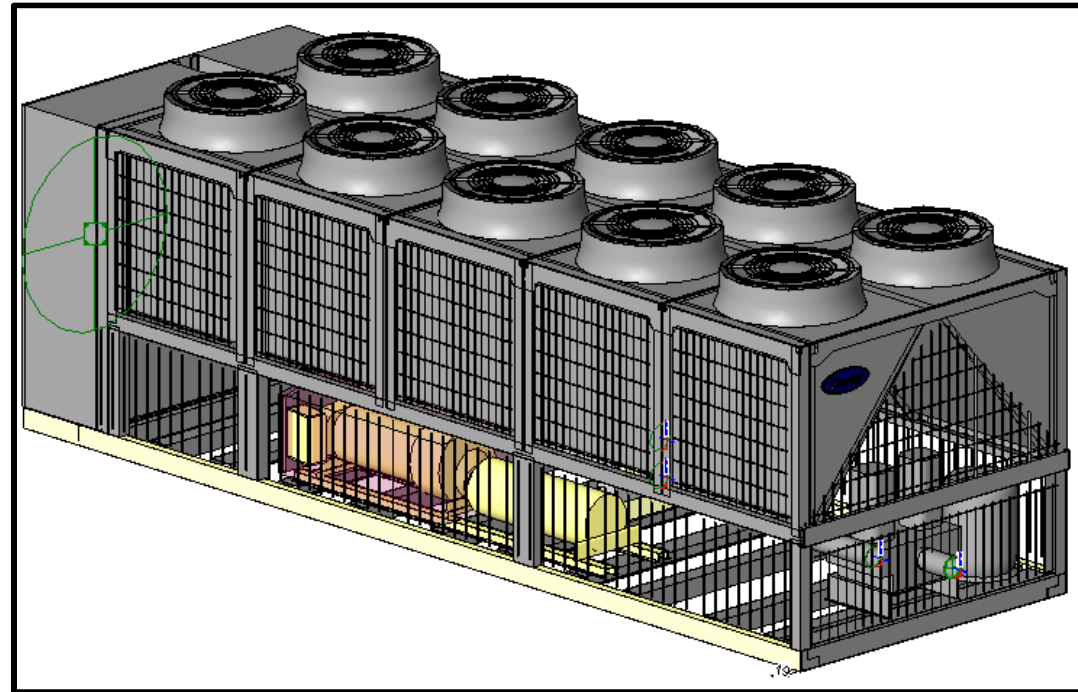
Family Types

Type name: Opt 15L/LS + OPT23+Opt116A+OPT293

Search parameters

Parameter	Value
Construction	
OPT50	☐
OPT325 for OPT50	☐
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☒
Option293	☒
Opt23a	☐
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.

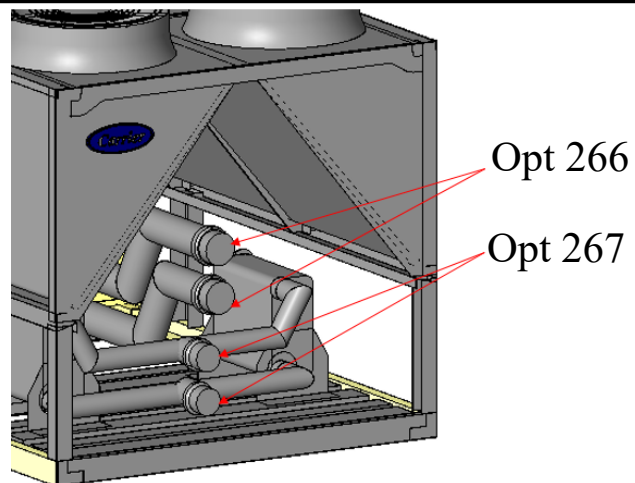
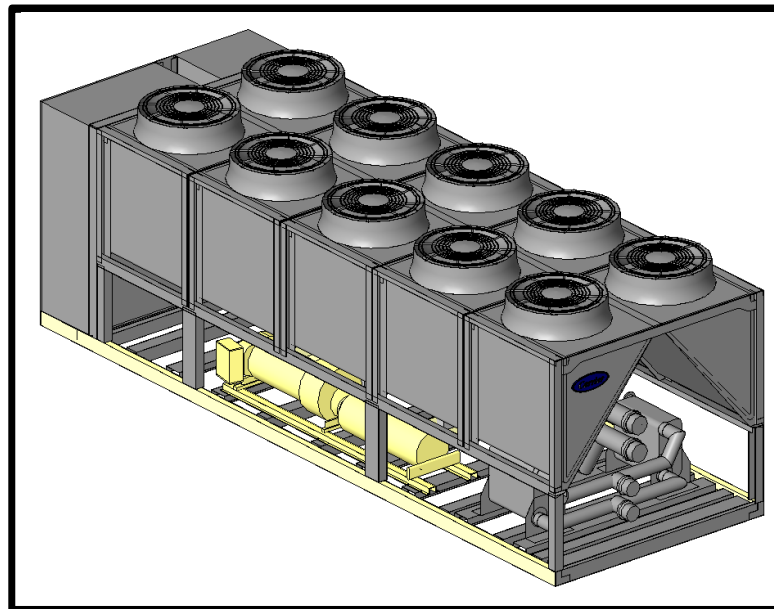
Family Types

Type name: OPT50 + OPT325 + OPT266 + OPT267

Search parameters

Parameter	Value
Construction	
ATEX Zone	☐
OPT266	☐
OPT266_116_HYDKIT_BP	☐
OPT266_116_HYDKIT_HP	☐
OPT49 + OPT325_OPT266	☐
OPT49 + OPT325_OPT267	☐
OPT50 + OPT325_OPT266	☒
OPT50+OPT325_OPT267	☒
OPT50_OPT267	☐
OPT49_OPT267	☐
OPT50	☒
OPT325 for OPT50	☒
OPT49	☐
OPT325 for OPT49	☐
Service Area	☐
Option_23	☐
Option293	☐
Opt23a	☐
OPT116-BP	☐
OPT116-HP	☐
15LS/15L	☐

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



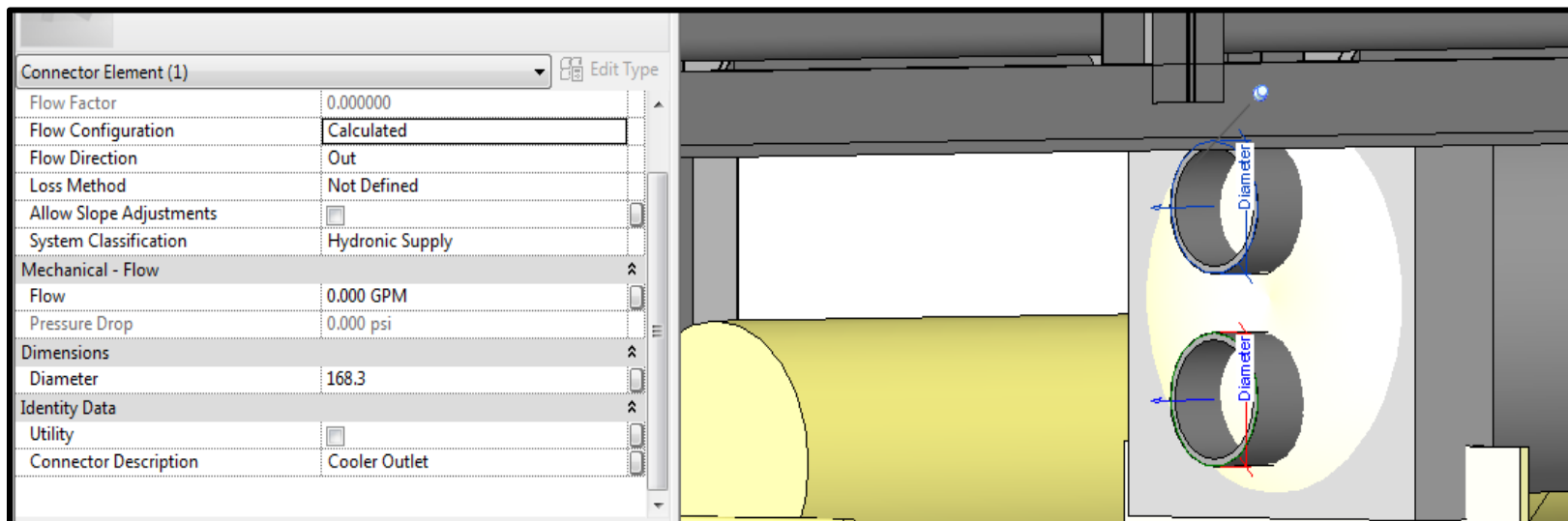
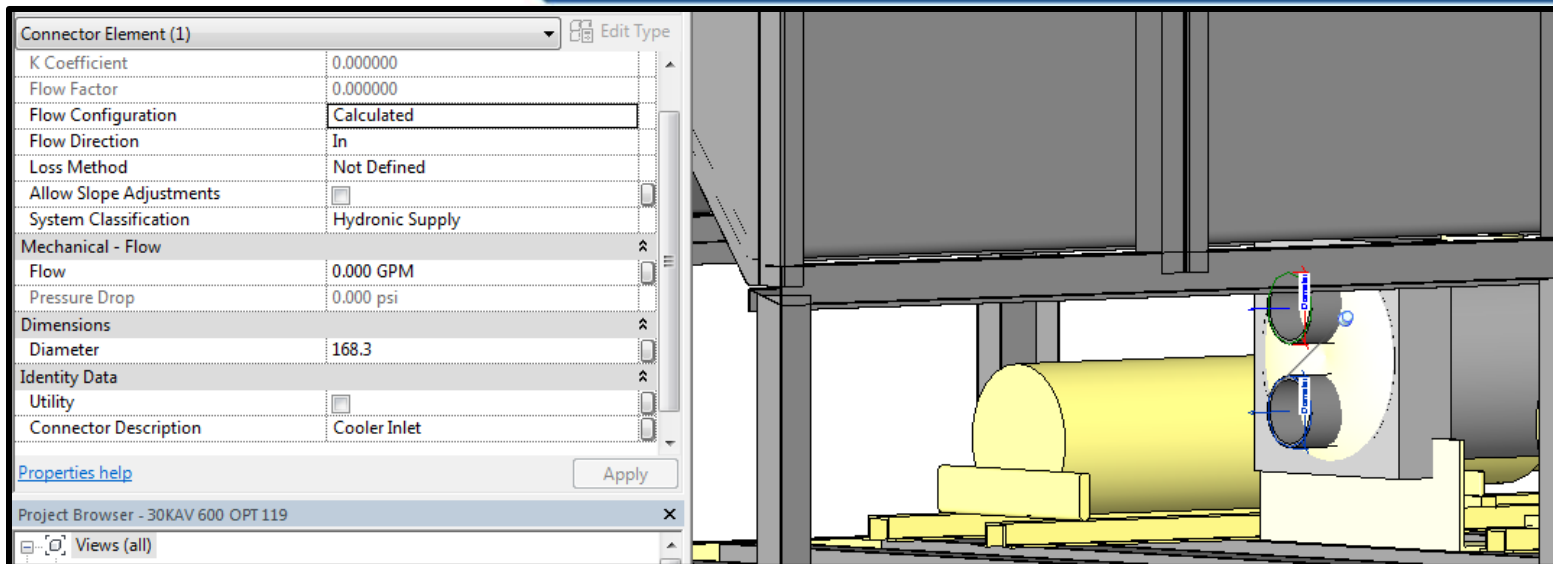
IMPORTANT:-

Connectors Used-

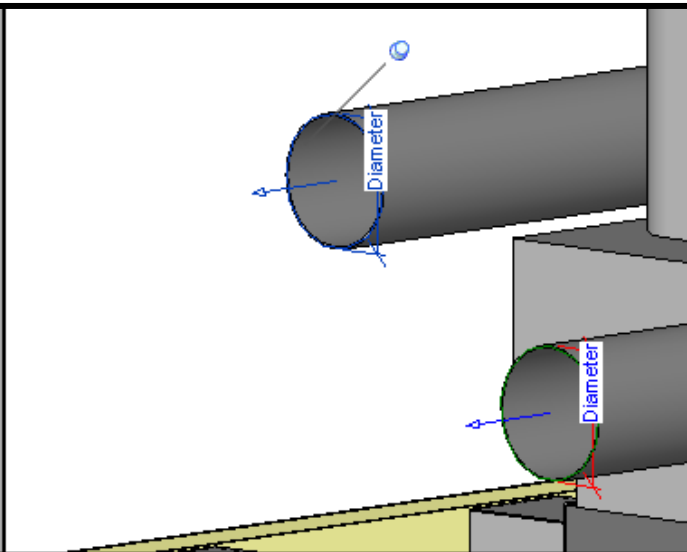
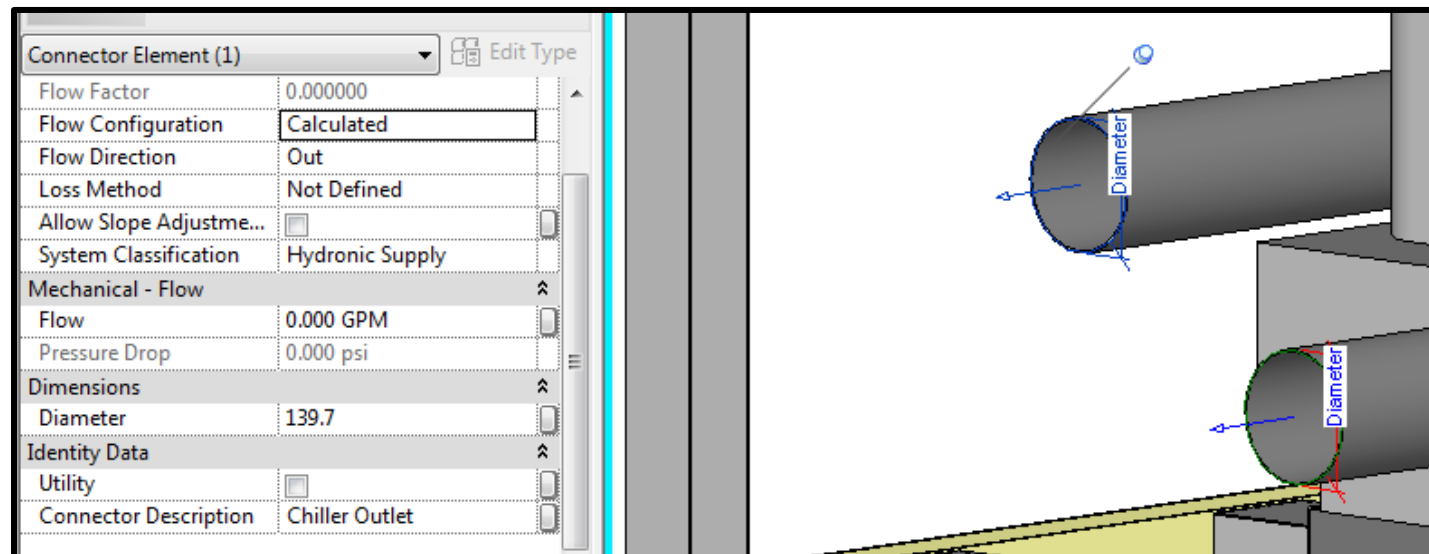
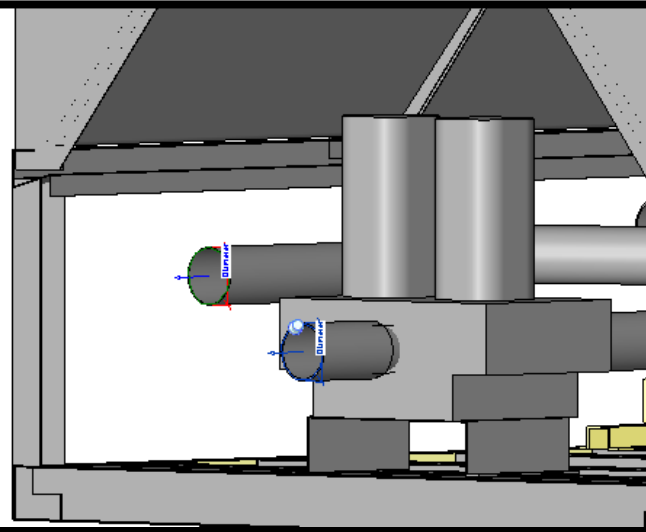
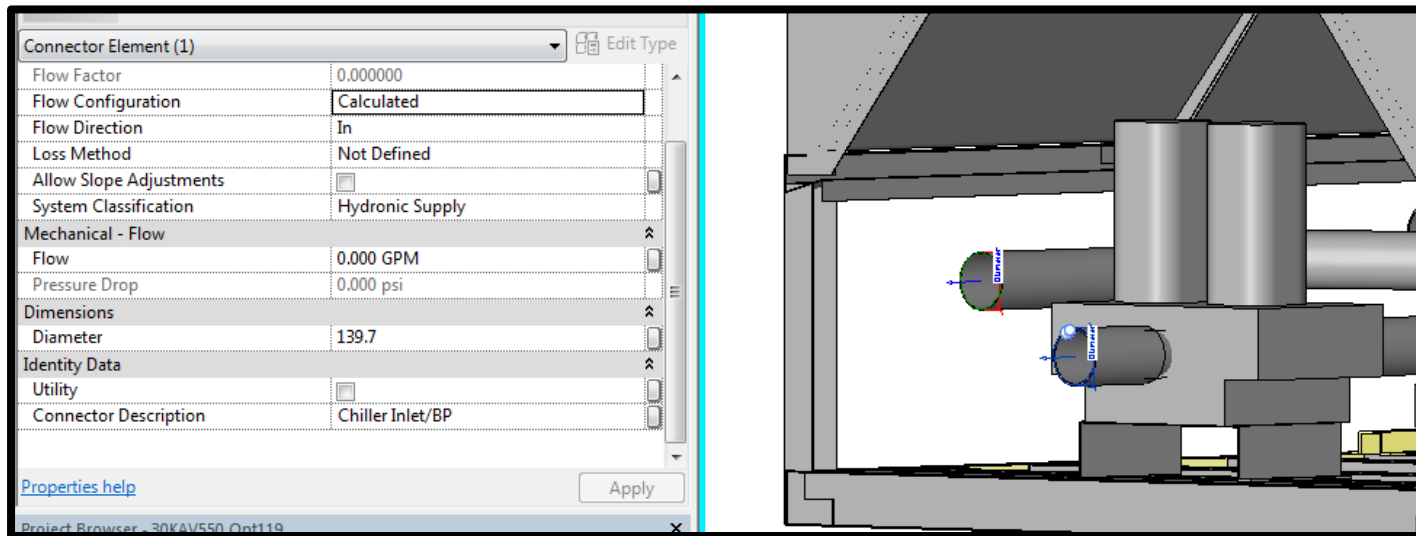
- 1) Cooler Inlet /Outlet
- 2) Chiller Inlet/ Pump Inlet.
- 3) Chiller Outlet.
- 4) Total Heat Recovery (Opt50) Inlet / Outlet
- 5) Partial Heat Recovery (Opt49) Inlet / Outlet
- 6) Total Heat Recovery (Opt50) + Opt325 Inlet / Outlet
- 7) Partial Heat Recovery (Opt49) + Opt325 Inlet / Outlet
- 8) Electrical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

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

Cooler Inlet / Outlet



Chiller Inlet / Outlet (Customer Connection)

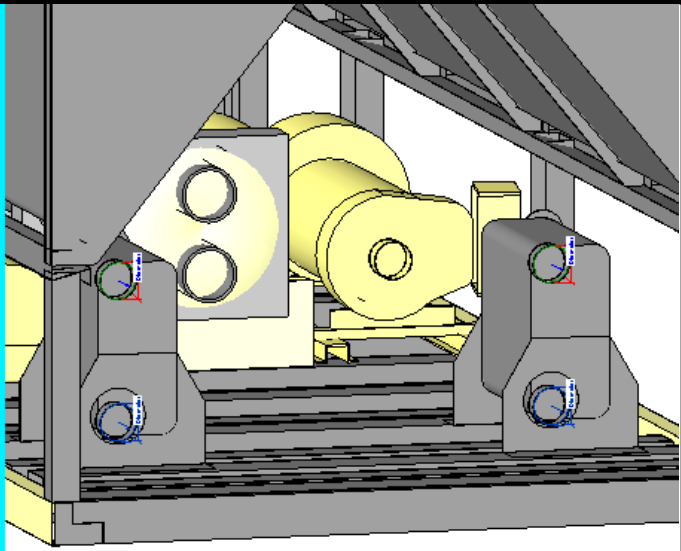


Total Heat Recovery (Opt50) Inlet / Outlet

Multiple Families Selected

Connector Element (2) Edit Type

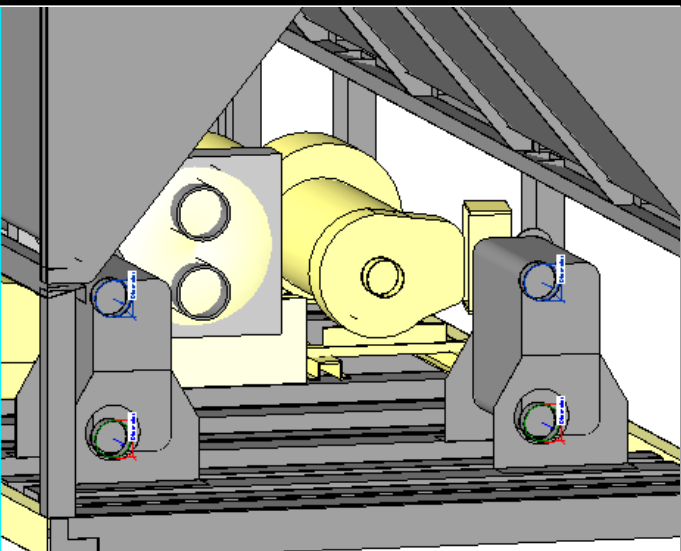
Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility	☐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

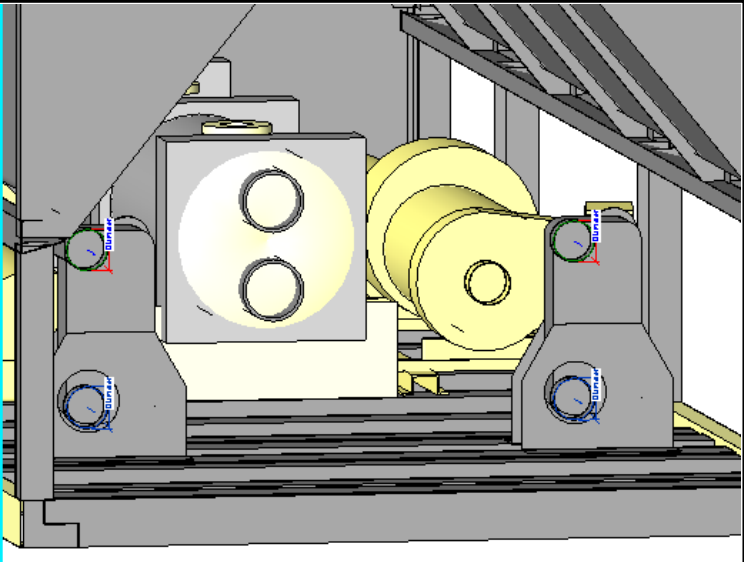


Partial Heat Recovery (Opt49) Inlet / Outlet

Multiple Families Selected

Connector Element (2) Edit Type

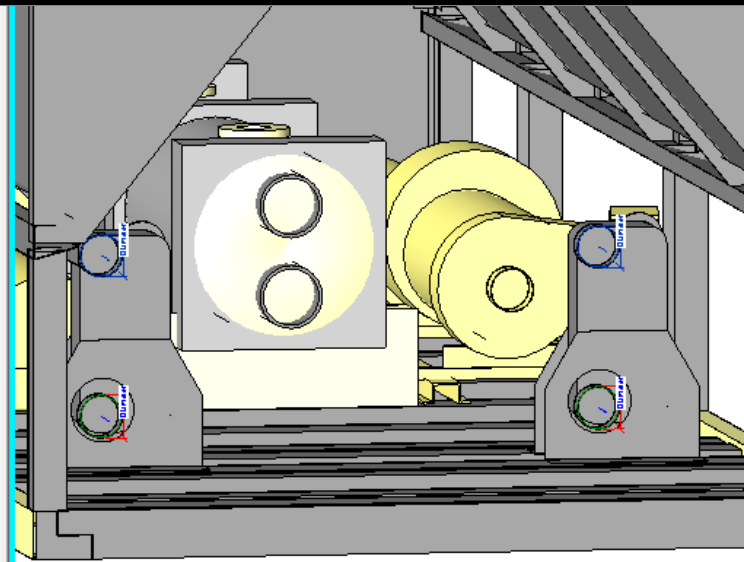
Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility	☐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



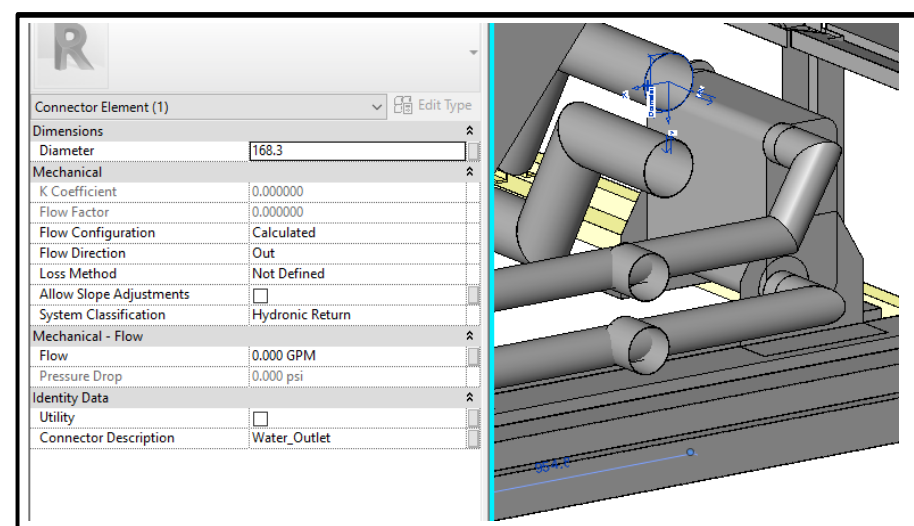
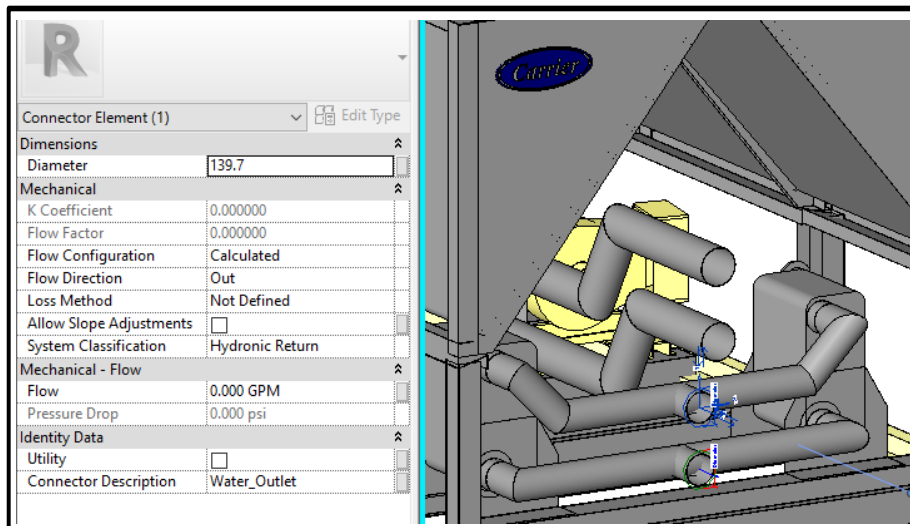
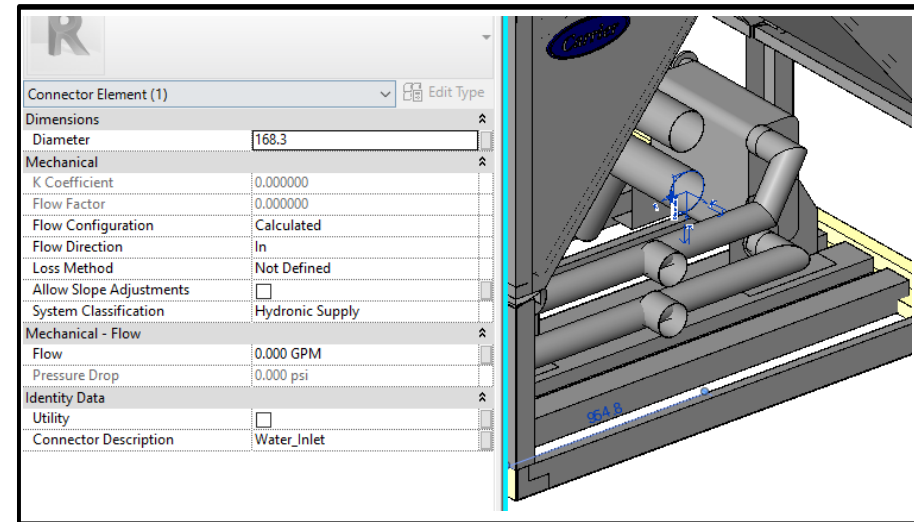
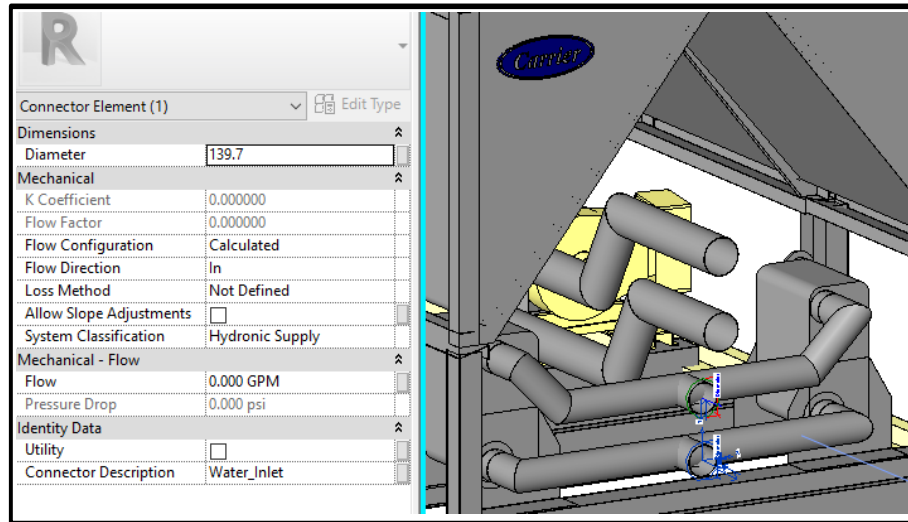
Multiple Families Selected

Connector Element (2) Edit Type

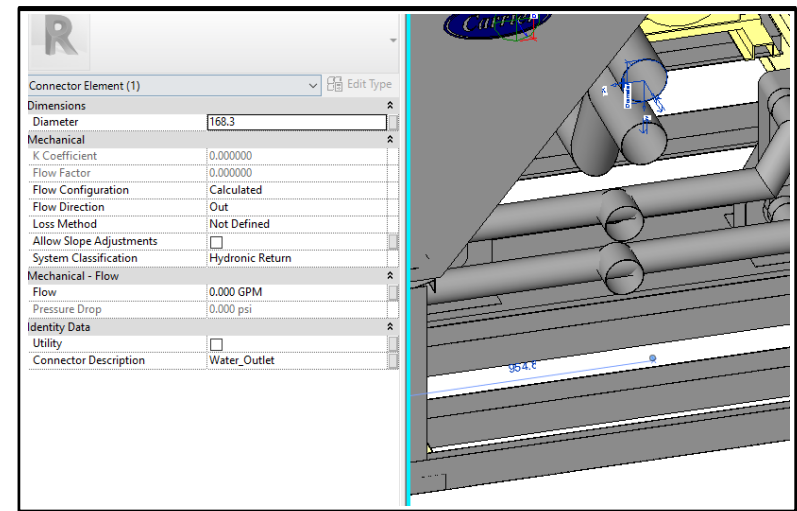
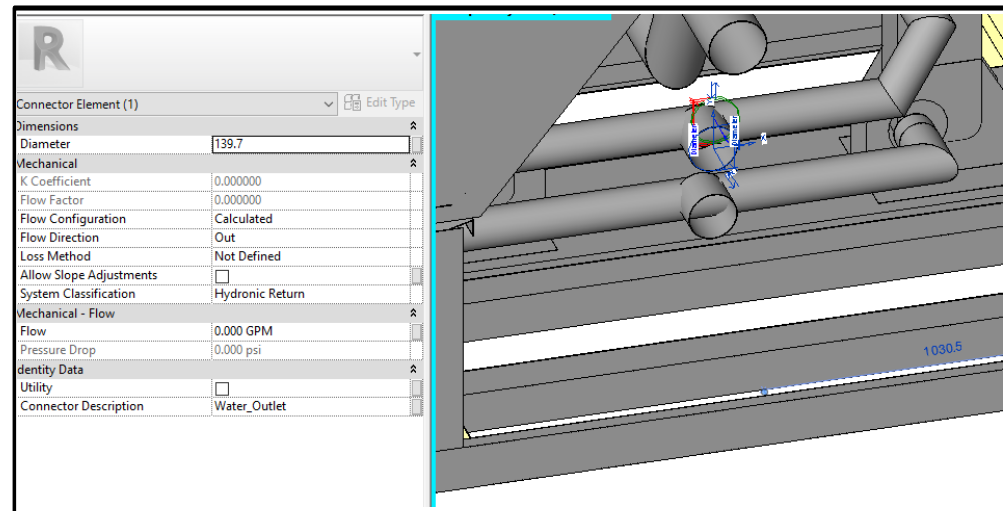
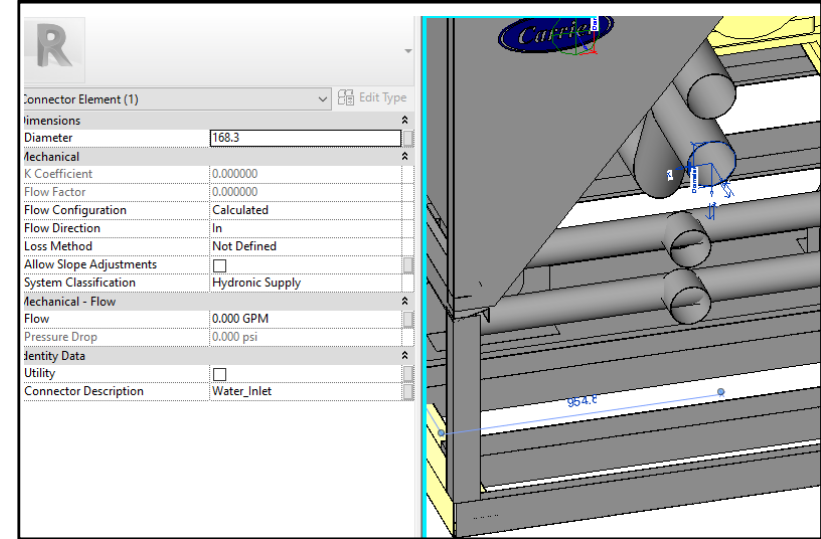
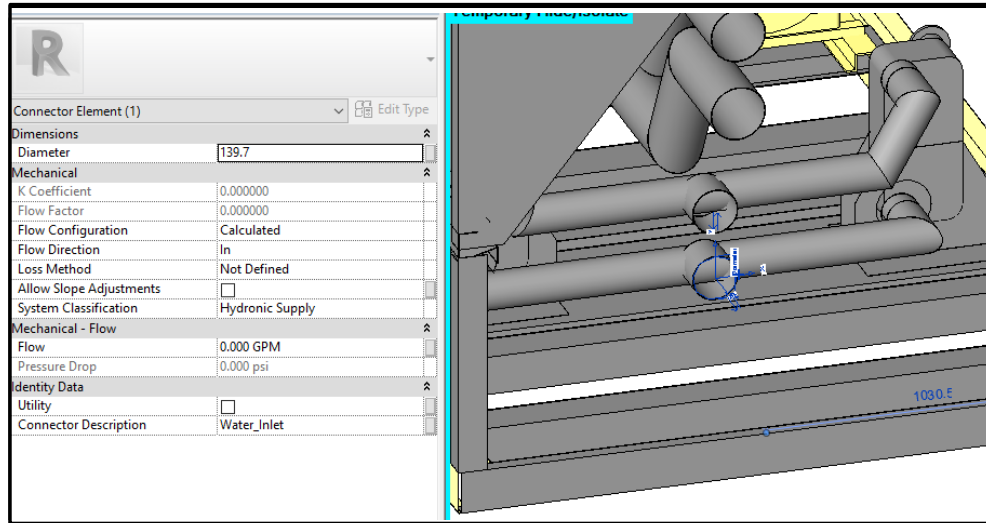
Dimensions	
Diameter	114.3
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Return
Mechanical - Flow	
Flow	0.000 GPM
Pressure Drop	0.000 psi
Identity Data	
Utility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



Total Heat Recovery (Opt50) + Opt325 Inlet / Outlet



Total Heat Recovery (Opt49) + Opt325 Inlet / Outlet



Electrical Box Connection



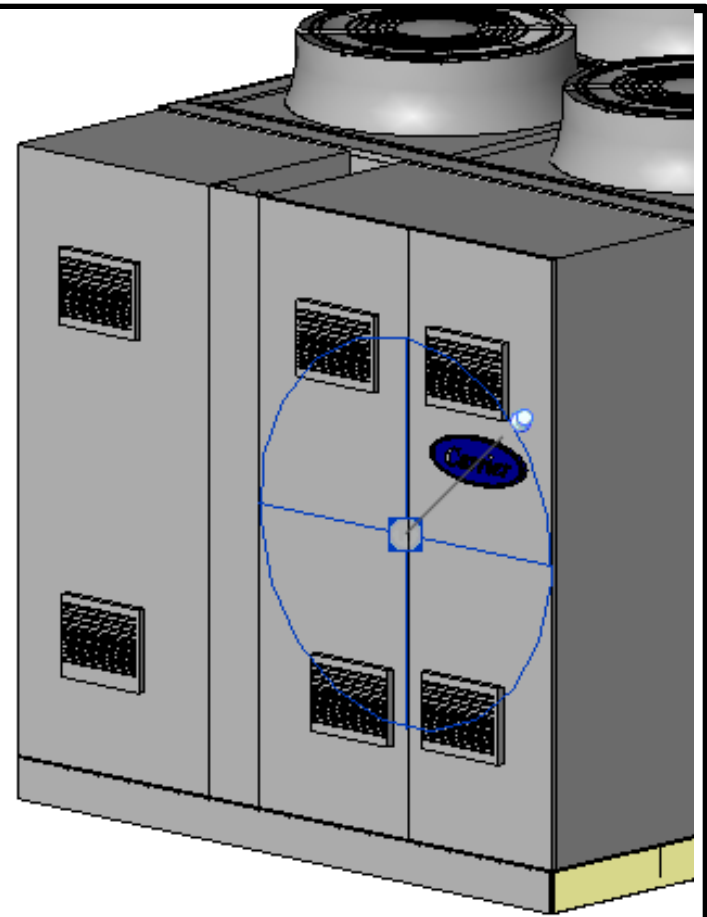
Connector Element (1)  Edit Type

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 600 Op...



Carrier Logo

