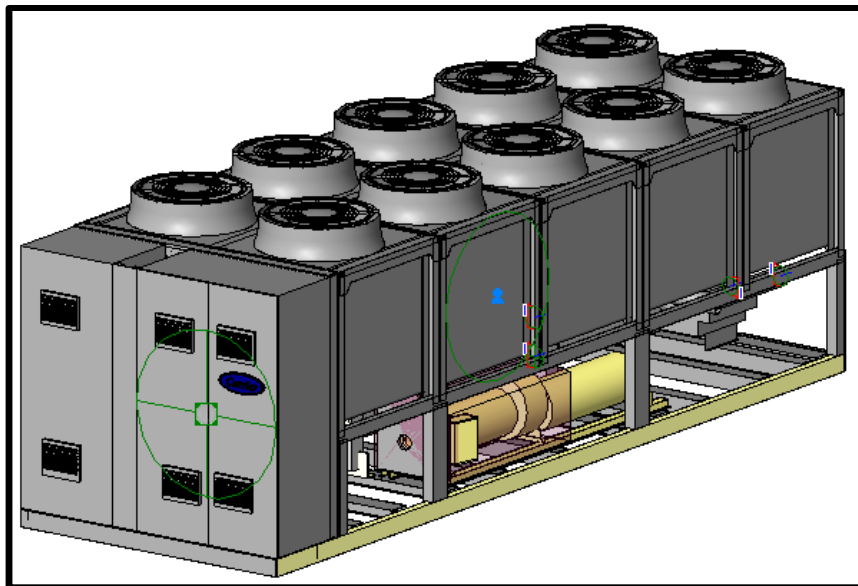


*30KAV0800 /*  
*30KAVZE0600*



# *INDEX*

## *Slide Number*

- |    |                                  |       |
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| 1. | Excel sheet Data to Revit Option | 3     |
| 2. | Operation of Revit file          | 4-42  |
| 3. | Connector Information            | 43-51 |

# Excel To Revit File Conversion

## 30KAV / 30KAVZE REVIT DATABASE

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

Search param

| Par                                | Construction             |   |
|------------------------------------|--------------------------|---|
| Opt 116A + Opt 293                 |                          |   |
| Opt 116W + Opt 293                 |                          |   |
| Opt 15L/LS + OPT 23                |                          |   |
| Opt 15L/LS + OPT 23a               |                          |   |
| Opt 15L/LS + OPT116A               |                          |   |
| Opt 15L/LS + OPT116W               |                          |   |
| Opt 15L/LS + OPT23+Opt116A         |                          |   |
| Opt 15L/LS + OPT23+Opt116A+OPT293  |                          |   |
| Opt 15L/LS + OPT23+Opt116W         |                          |   |
| Opt 15L/LS + OPT23+Opt116W+OPT293  |                          |   |
| Opt 15L/LS + OPT23a+Opt116A        |                          |   |
| Opt 15L/LS + OPT23a+Opt116A+OPT293 |                          |   |
| Opt 15L/LS + OPT23a+Opt116W        |                          |   |
| Opt 15L/LS + OPT23a+Opt116W+OPT293 |                          |   |
| Opt 15L/LS + OPT293+Opt116A        |                          |   |
| Opt 15L/LS + OPT293+Opt116W        |                          |   |
| Opt 23 + OPT 116 A+Opt293          |                          |   |
| Opt 23 + OPT 116A                  |                          |   |
| Opt 23 + OPT 116W                  |                          |   |
| Opt 23 + OPT 116W+Opt293           |                          |   |
| Opt 23a + OPT 116A                 |                          |   |
| Opt 23a + OPT 116A+Opt293          |                          |   |
| Opt 23a + OPT 116W                 |                          |   |
| Opt 23a + OPT 116W+Opt293          |                          |   |
| Opt116A + OPT266                   |                          |   |
| Opt116W + OPT266                   |                          |   |
| Opt15/15LS                         |                          |   |
| Opt23                              |                          |   |
| Opt23a                             |                          |   |
| Opt 23a                            | <input type="checkbox"/> | = |
| 15LS/15L                           | <input type="checkbox"/> | = |

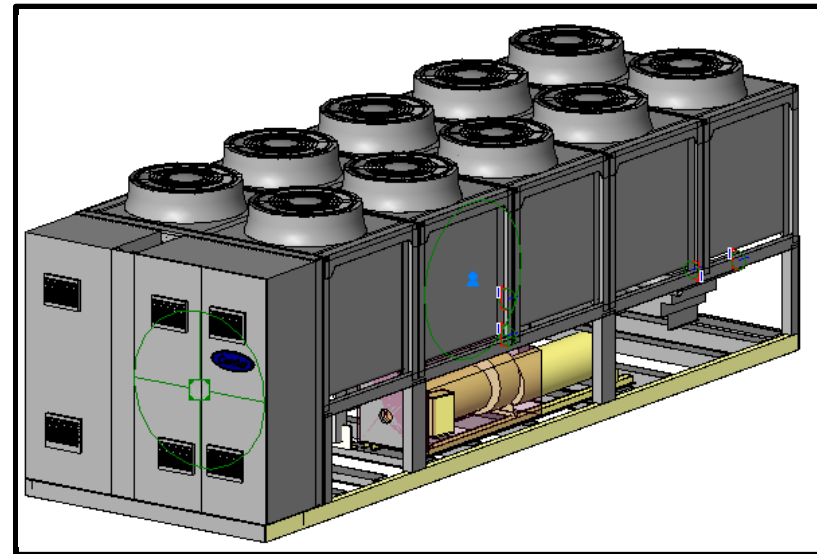
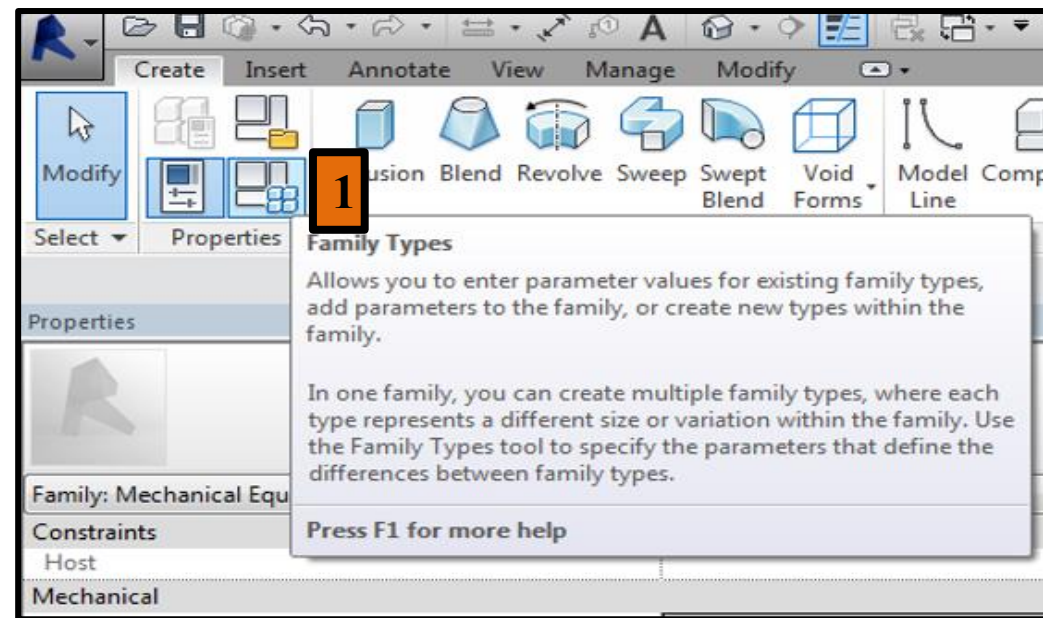
Identity Data

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

Construction

ATEX Zone

OPT266

OPT266\_116

OPT49+ OPT

OPT49+ OPT

OPT49+ OPT

OPT50+ OPT

OPT50+ OPT

OPT50+ OPT

OPT50

OPT325 for

OPT49

OPT325 for

Service Area

Option\_23

Option293

Pump BP/HP

Opt 23a

15LS/15L

Identity Data

How do I manage family types?

OK

Family Types

Type name: 30KAV0800 / 30KAVZE0600

Search parameters

| Parameter               | Value                    |
|-------------------------|--------------------------|
| Construction            |                          |
| ATEX Zone               | <input type="checkbox"/> |
| OPT266                  | <input type="checkbox"/> |
| OPT266_116_HYDKIT_BP_HP | <input type="checkbox"/> |
| OPT49+ OPT325_ OPT266   | <input type="checkbox"/> |
| OPT49+ OPT325_ OPT267   | <input type="checkbox"/> |
| OPT49_ OPT267           | <input type="checkbox"/> |
| OPT50+ OPT325_ OPT266   | <input type="checkbox"/> |
| OPT50+ OPT325_ OPT267   | <input type="checkbox"/> |
| OPT50_ OPT267           | <input type="checkbox"/> |
| OPT50                   | <input type="checkbox"/> |
| OPT325 for OPT50        | <input type="checkbox"/> |
| OPT49                   | <input type="checkbox"/> |
| OPT325 for OPT49        | <input type="checkbox"/> |
| Service Area            | <input type="checkbox"/> |
| Option_23               | <input type="checkbox"/> |
| Option293               | <input type="checkbox"/> |
| Pump BP/HP              | <input type="checkbox"/> |
| Opt 23a                 | <input type="checkbox"/> |
| 15LS/15L                | <input type="checkbox"/> |

Identity Data

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

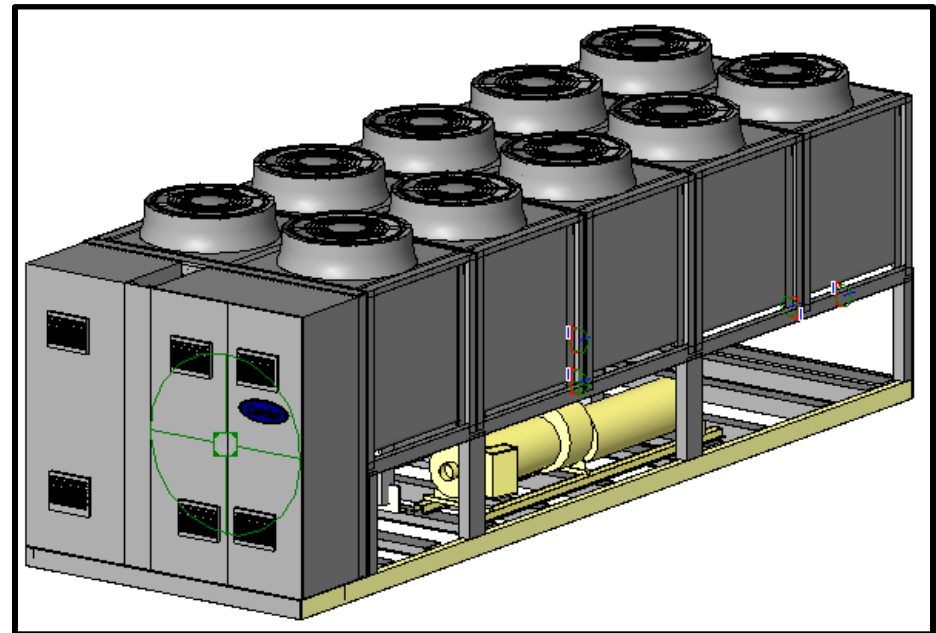
| Parameter               | Value                    |
|-------------------------|--------------------------|
| <b>Construction</b>     |                          |
| ATEX Zone               | <input type="checkbox"/> |
| OPT266                  | <input type="checkbox"/> |
| OPT266_116_HYDKIT_BP_HP | <input type="checkbox"/> |
| OPT49+OPT325_OPT266     | <input type="checkbox"/> |
| OPT49+OPT325_OPT267     | <input type="checkbox"/> |
| OPT49_OPT267            | <input type="checkbox"/> |
| OPT50+OPT325_OPT266     | <input type="checkbox"/> |
| OPT50+OPT325_OPT267     | <input type="checkbox"/> |
| OPT50_OPT267            | <input type="checkbox"/> |
| OPT50                   | <input type="checkbox"/> |
| OPT325 for OPT50        | <input type="checkbox"/> |
| OPT49                   | <input type="checkbox"/> |
| OPT325 for OPT49        | <input type="checkbox"/> |
| Service Area            | <input type="checkbox"/> |
| Option_23               | <input type="checkbox"/> |
| Option293               | <input type="checkbox"/> |
| Pump BP/HP              | <input type="checkbox"/> |
| Opt 23a                 | <input type="checkbox"/> |
| 15LS/15L                | <input type="checkbox"/> |
| <b>Identity Data</b>    |                          |

<

✎ ✖ ⬆ ⬇ ⬆ ⬇

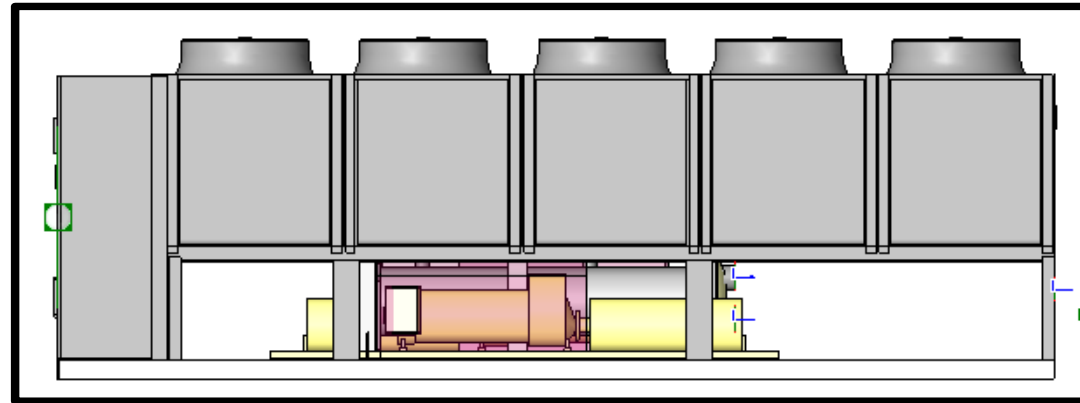
[How do I manage family types?](#) OK

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



## Option 15/15LS

Low Noise Enclosure  
Standard unit + Enclosure



Family Types

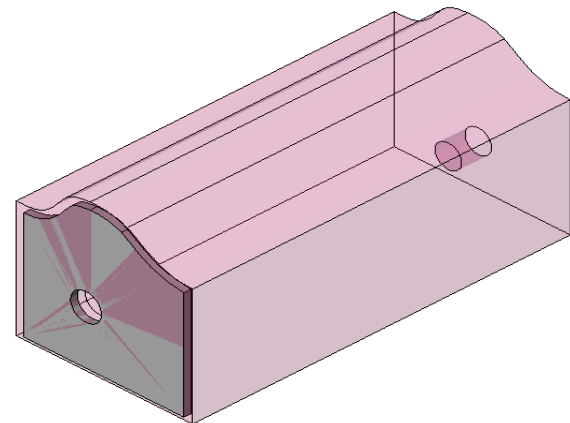
Type name: OPT15/15LS

Search parameters

| Parameter            | Value                               |   |
|----------------------|-------------------------------------|---|
| OPT325 for OPT49     | <input type="checkbox"/>            | = |
| Service Area         | <input type="checkbox"/>            | = |
| Option_23            | <input type="checkbox"/>            | = |
| Option293            | <input type="checkbox"/>            | = |
| Pump BP/HP           | <input type="checkbox"/>            | = |
| Opt 23a              | <input type="checkbox"/>            | = |
| 15LS/15L             | <input checked="" type="checkbox"/> | = |
| <b>Identity Data</b> |                                     |   |
| Model                |                                     | = |
| Manufacturer         |                                     | = |
| Keynote              |                                     | = |
| COG                  |                                     | = |
| Type Image           |                                     | = |
| Type Comments        |                                     | = |
| URL                  |                                     | = |
| Description          |                                     | = |
| Assembly Code        |                                     | = |
| Cost                 |                                     | = |

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## Option 23

### Coil panel protection

Standard unit + panel+ Grill

Family Types

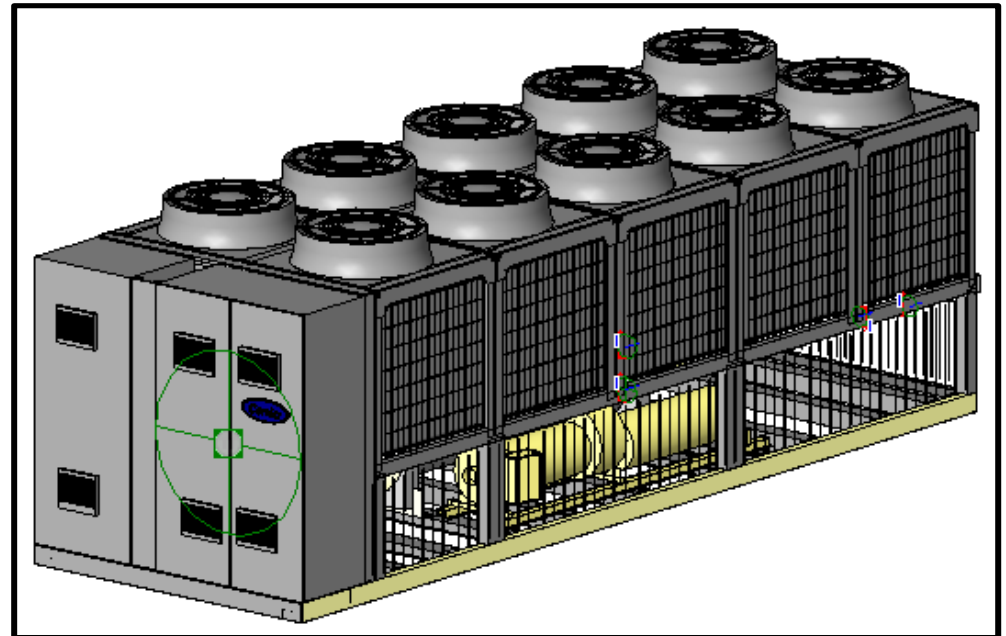
Type name:

Search parameters

| Parameter            | Value                               |    |
|----------------------|-------------------------------------|----|
| OPT325 for OPT49     | <input type="checkbox"/>            | =" |
| Service Area         | <input type="checkbox"/>            | =" |
| Option_23            | <input checked="" type="checkbox"/> | =" |
| Option293            | <input type="checkbox"/>            | =" |
| Pump BP/HP           | <input type="checkbox"/>            | =" |
| Opt 23a              | <input type="checkbox"/>            | =" |
| 15LS/15L             | <input type="checkbox"/>            | =" |
| <b>Identity Data</b> |                                     |    |
| Model                |                                     | =" |
| Manufacturer         |                                     | =" |
| Keynote              |                                     | =" |
| COG                  |                                     | =" |
| Type Image           |                                     | =" |
| Type Comments        |                                     | =" |
| URL                  |                                     | =" |
| Description          |                                     | =" |
| Assembly Code        |                                     | =" |
| Cost                 |                                     | =" |

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## Option 23a

### Coil panel protection Standard unit + Panel

Family Types

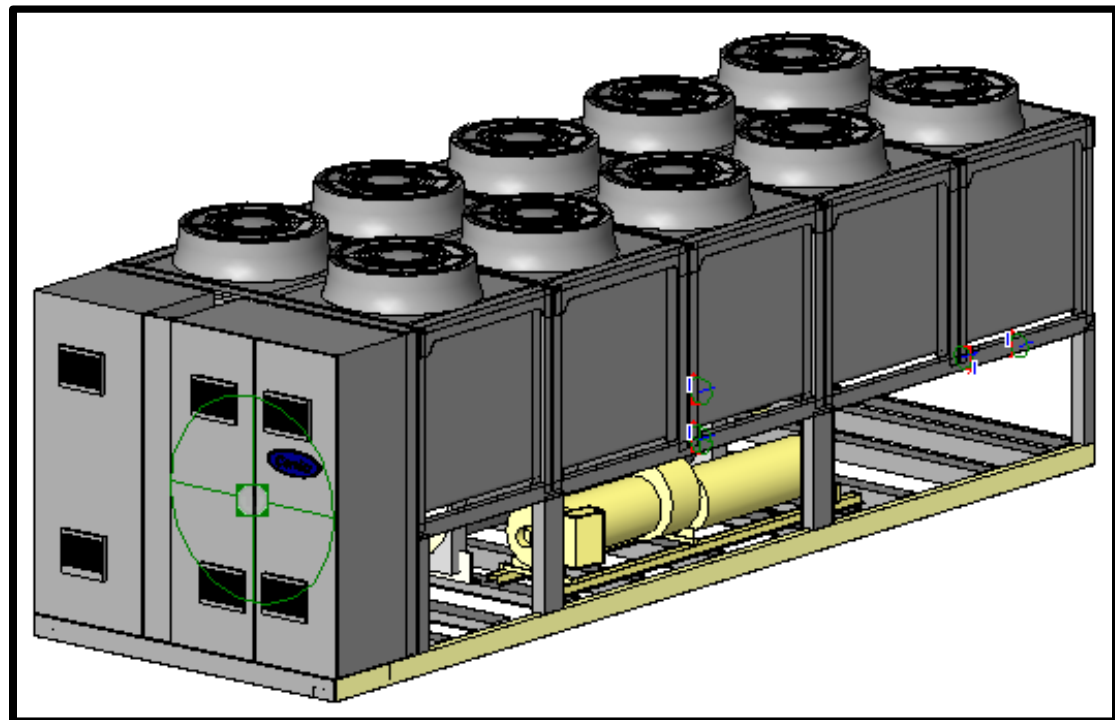
Type name:

Search parameters

| Parameter            | Value                               |   |
|----------------------|-------------------------------------|---|
| OPT325 for OPT49     | <input type="checkbox"/>            | = |
| Service Area         | <input type="checkbox"/>            | = |
| Option_23            | <input type="checkbox"/>            | = |
| Option293            | <input type="checkbox"/>            | = |
| Pump BP/HP           | <input type="checkbox"/>            | = |
| Opt 23a              | <input checked="" type="checkbox"/> | = |
| 15LS/15L             | <input type="checkbox"/>            | = |
| <b>Identity Data</b> |                                     |   |
| Model                |                                     | = |
| Manufacturer         |                                     | = |
| Keynote              |                                     | = |
| COG                  |                                     | = |
| Type Image           |                                     | = |
| Type Comments        |                                     | = |
| URL                  |                                     | = |
| Description          |                                     | = |
| Assembly Code        |                                     | = |
| Cost                 |                                     | = |

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## Option 116A

### Low Pressure Double Pump STD Unit + Pump(BP)

Family Types

Type name: Option116A

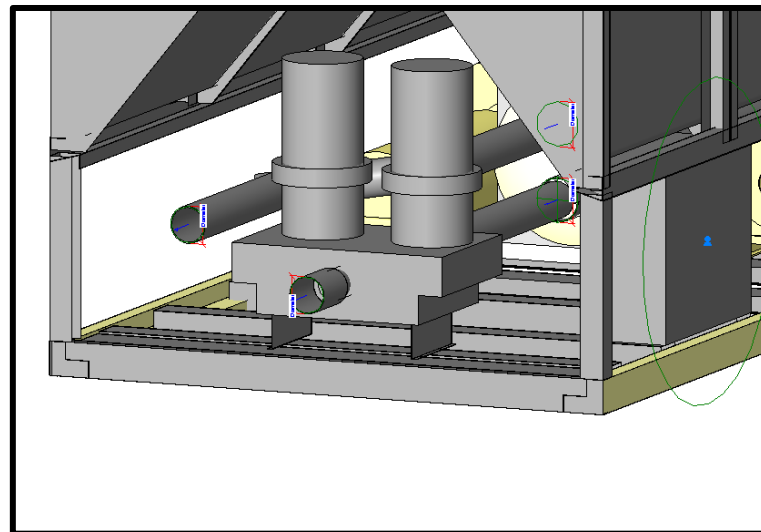
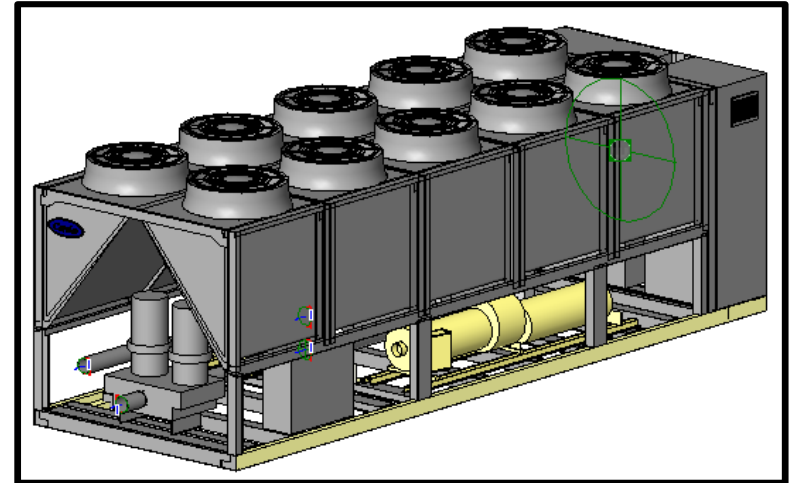
Search parameters

| Parameter        | Value                               |   |
|------------------|-------------------------------------|---|
| OPT325 for OPT49 | <input type="checkbox"/>            | = |
| Service Area     | <input type="checkbox"/>            | = |
| Option_23        | <input type="checkbox"/>            | = |
| Option293        | <input type="checkbox"/>            | = |
| Pump BP/HP       | <input checked="" type="checkbox"/> | = |
| Opt 23a          | <input type="checkbox"/>            | = |
| 15LS/15L         | <input type="checkbox"/>            | = |

**Identity Data**

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

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## Option 116W

### High Pressure Double Pump STD Unit + Pump(HP)

Family Types

Type name:

Search parameters

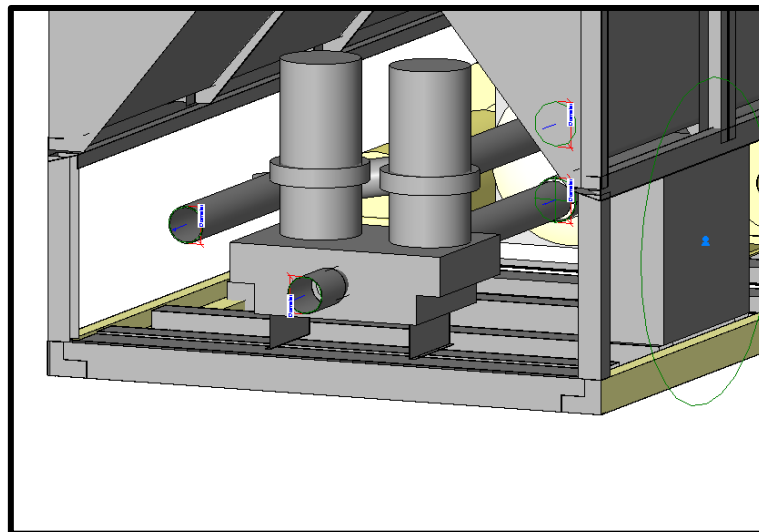
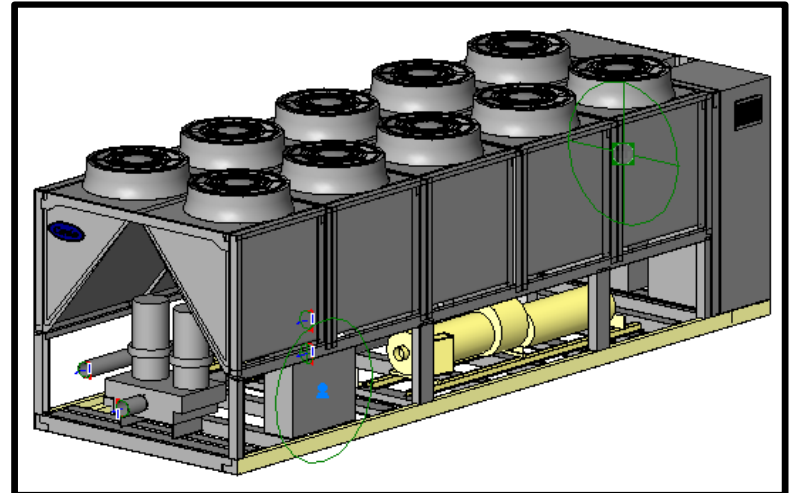
| Parameter        | Value                               |   |
|------------------|-------------------------------------|---|
| OPT325 for OPT49 | <input type="checkbox"/>            | = |
| Service Area     | <input type="checkbox"/>            | = |
| Option_23        | <input type="checkbox"/>            | = |
| Option293        | <input type="checkbox"/>            | = |
| Pump BP/HP       | <input checked="" type="checkbox"/> | = |
| Opt 23a          | <input type="checkbox"/>            | = |
| 15LS/15L         | <input type="checkbox"/>            | = |

**Identity Data**

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

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## Option 293

### Expansion Tank

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

Family Types

Type name: Option293

Search parameters

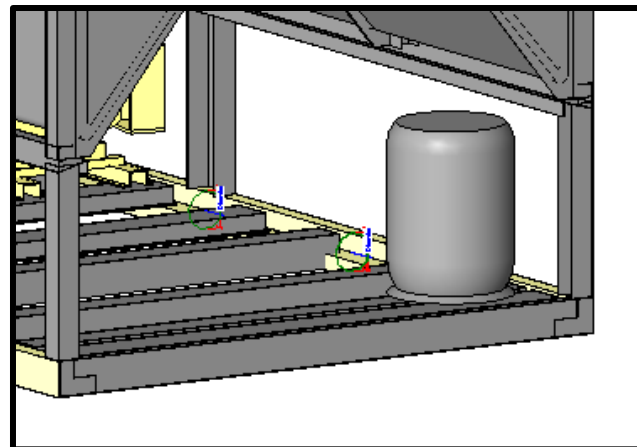
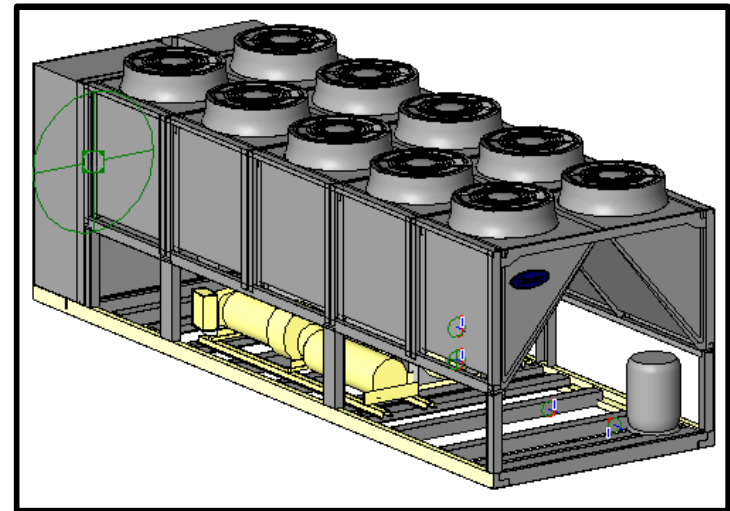
| Parameter        | Value                               |   |
|------------------|-------------------------------------|---|
| OPT325 for OPT49 | <input type="checkbox"/>            | = |
| Service Area     | <input type="checkbox"/>            | = |
| Option_23        | <input type="checkbox"/>            | = |
| Option293        | <input checked="" type="checkbox"/> | = |
| Pump BP/HP       | <input type="checkbox"/>            | = |
| Opt 23a          | <input type="checkbox"/>            | = |
| 15LS/15L         | <input type="checkbox"/>            | = |

**Identity Data**

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

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**Option 50**

## Total Heat Recovery

### Family Types

Type name:

| Parameter            | Value                               |   |
|----------------------|-------------------------------------|---|
| <b>Construction</b>  |                                     |   |
| OPT50                | <input checked="" type="checkbox"/> | = |
| OPT325 for OPT50     | <input type="checkbox"/>            | = |
| OPT49                | <input type="checkbox"/>            | = |
| OPT325 for OPT49     | <input type="checkbox"/>            | = |
| Service Area         | <input type="checkbox"/>            | = |
| Option_23            | <input type="checkbox"/>            | = |
| Option293            | <input type="checkbox"/>            | = |
| Pump BP/HP           | <input type="checkbox"/>            | = |
| Opt 23a              | <input type="checkbox"/>            | = |
| 15LS/15L             | <input type="checkbox"/>            | = |
| <b>Identity Data</b> |                                     |   |
|                      |                                     |   |

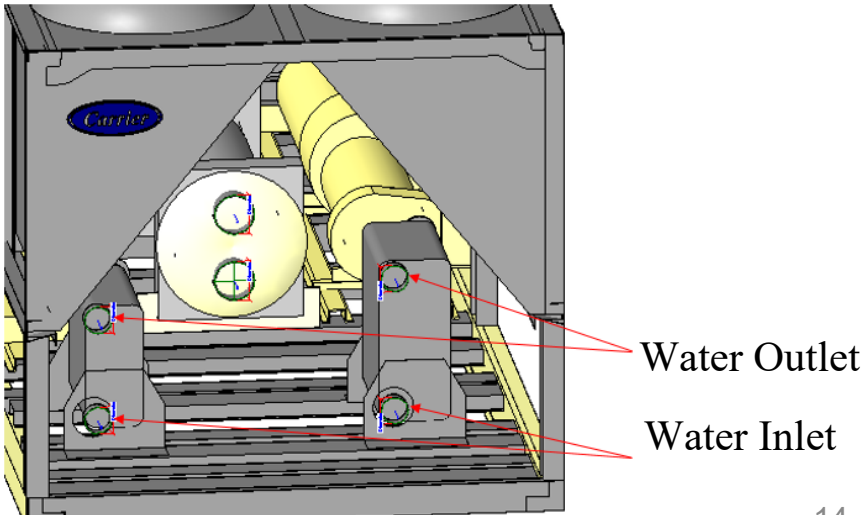
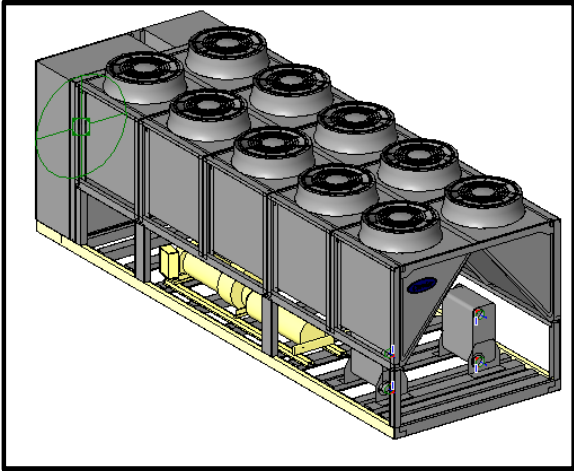








[How do I manage family types?](#)



## Option 49

### Partial Heat Recovery

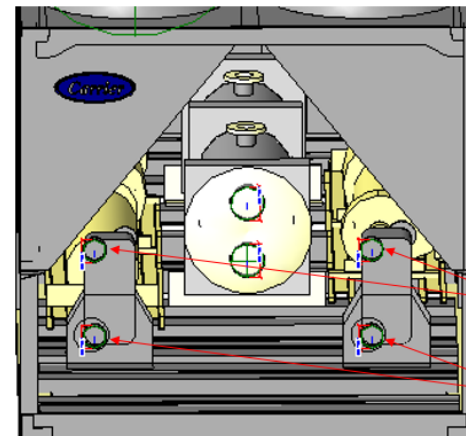
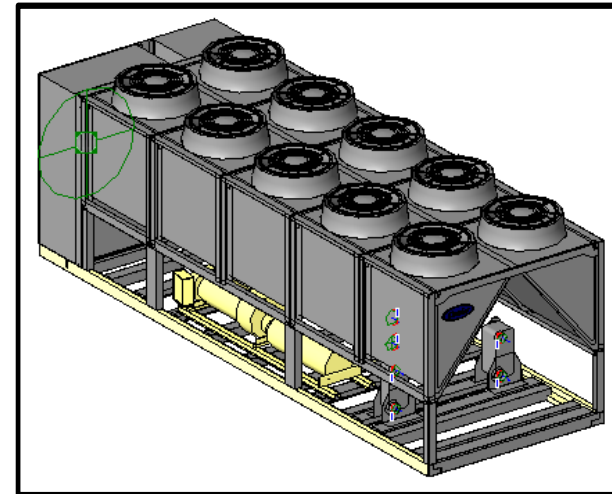
Family Types

Type name: OPT49

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input checked="" type="checkbox"/> |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input type="checkbox"/>            |
| Pump BP/HP           | <input type="checkbox"/>            |
| Opt 23a              | <input type="checkbox"/>            |
| 15LS/15L             | <input type="checkbox"/>            |
| <b>Identity Data</b> |                                     |
|                      |                                     |

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Water Outlet

Water Inlet

## Option 266

### Cooler hydraulic connection

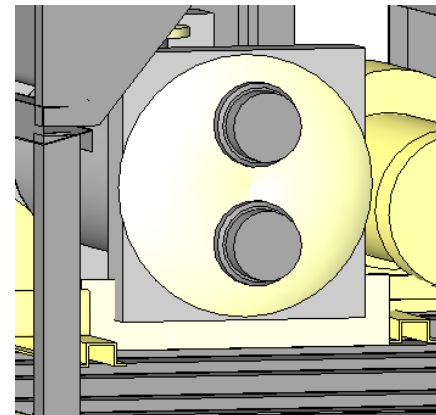
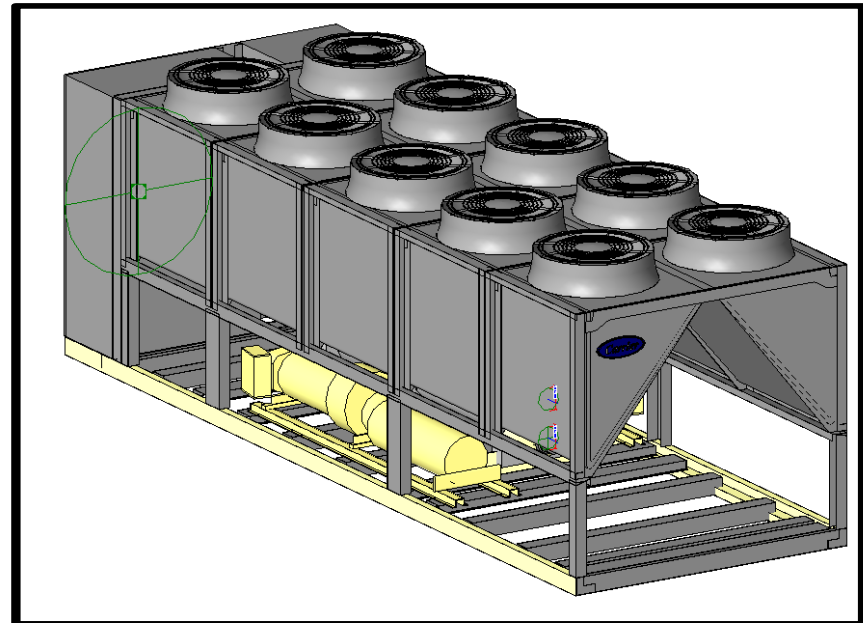
Family Types

Type name: OPT266

Search parameters

| Parameter               | Value                               |
|-------------------------|-------------------------------------|
| <b>Construction</b>     |                                     |
| ATEX Zone               |                                     |
| OPT266                  | <input checked="" type="checkbox"/> |
| OPT266_116_HYDKIT_BP_HP | <input type="checkbox"/>            |
| OPT49+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT49+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT49_OPT267            | <input type="checkbox"/>            |
| OPT50+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT50+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT50_OPT267            | <input type="checkbox"/>            |
| OPT50                   | <input type="checkbox"/>            |
| OPT325 for OPT50        | <input type="checkbox"/>            |
| OPT49                   | <input type="checkbox"/>            |
| OPT325 for OPT49        | <input type="checkbox"/>            |
| Service Area            | <input type="checkbox"/>            |
| Option_23               | <input type="checkbox"/>            |
| Option293               | <input type="checkbox"/>            |
| Pump BP/HP              | <input type="checkbox"/>            |
| Opt 23a                 | <input type="checkbox"/>            |
| 15LS/15L                | <input type="checkbox"/>            |
| <b>Identity Data</b>    |                                     |
|                         |                                     |

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# Service Area Option

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

Family Types

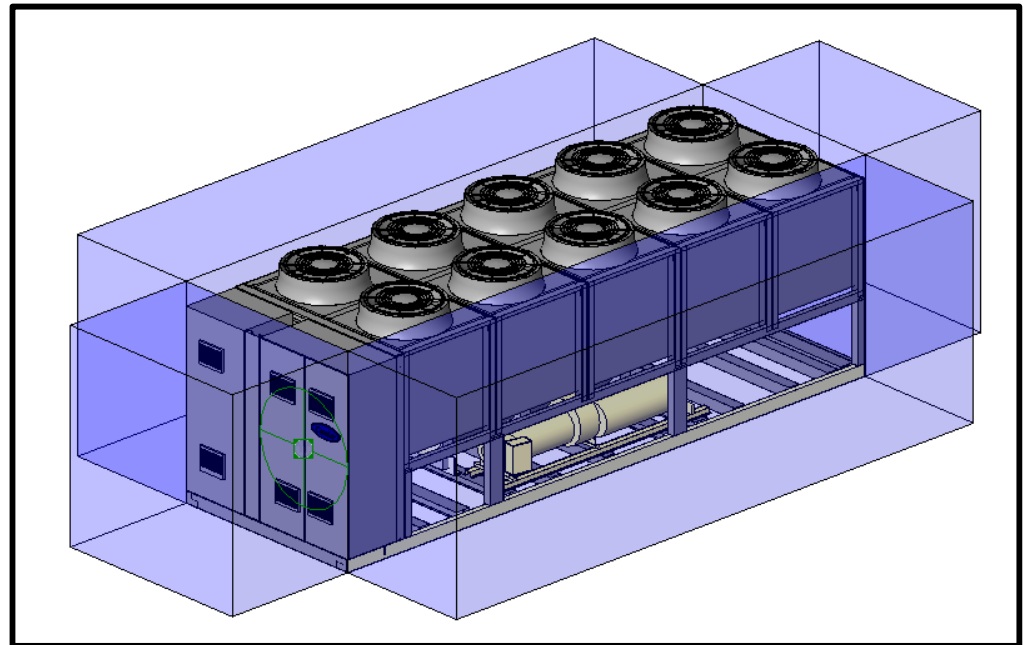
Type name:

Search parameters

| Parameter               | Value                               |
|-------------------------|-------------------------------------|
| <b>Construction</b>     |                                     |
| ATEX Zone               | <input type="checkbox"/>            |
| OPT266                  | <input type="checkbox"/>            |
| OPT266_116_HYDKIT_BP_HP | <input type="checkbox"/>            |
| OPT49+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT49+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT49_OPT267            | <input type="checkbox"/>            |
| OPT50+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT50+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT50_OPT267            | <input type="checkbox"/>            |
| OPT50                   | <input type="checkbox"/>            |
| OPT325 for OPT50        | <input type="checkbox"/>            |
| OPT49                   | <input type="checkbox"/>            |
| OPT325 for OPT49        | <input type="checkbox"/>            |
| Service Area            | <input checked="" type="checkbox"/> |
| Option_23               | <input type="checkbox"/>            |
| Option293               | <input type="checkbox"/>            |
| Pump BP/HP              | <input type="checkbox"/>            |
| Opt 23a                 | <input type="checkbox"/>            |
| 15LS/15L                | <input type="checkbox"/>            |
| <b>Identity Data</b>    |                                     |

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



## Service Area & ATEX Zone - ZE Units

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

Family Types

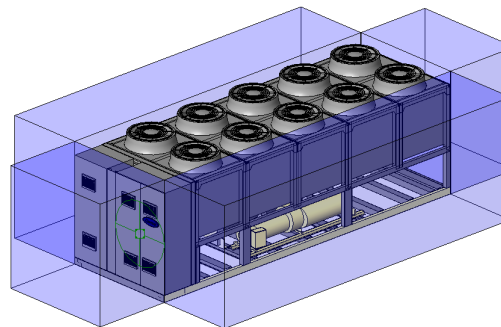
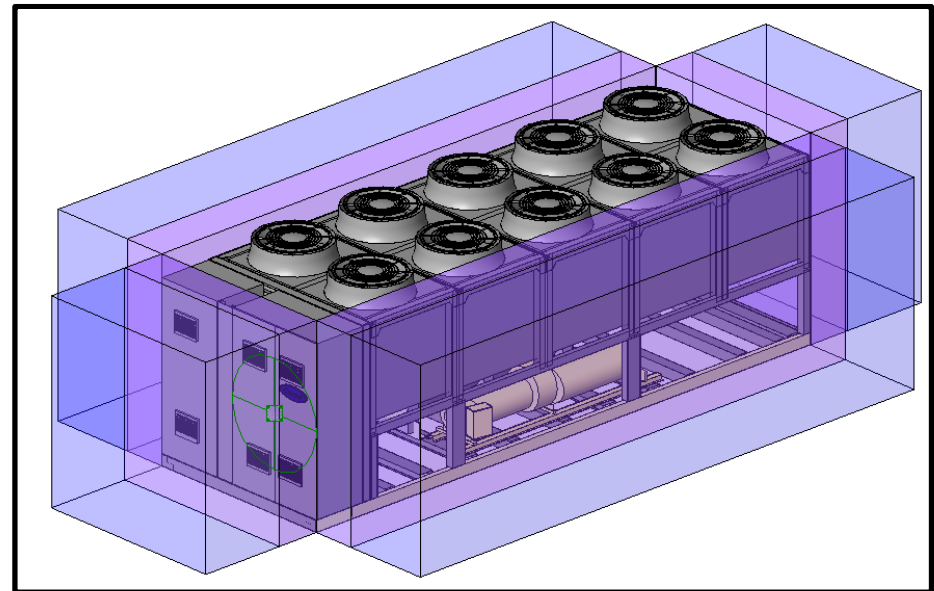
Type name: Service Area + ATEX Zone - Only ZE Units

Search parameters

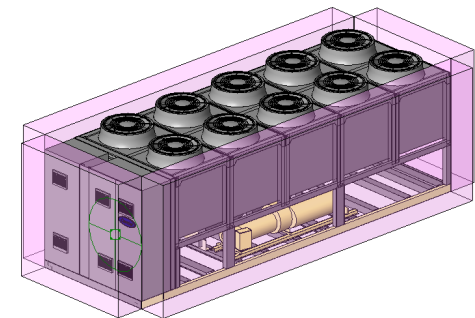
| Parameter               | Value                               |   |
|-------------------------|-------------------------------------|---|
| <b>Construction</b>     |                                     |   |
| ATEX Zone               | <input checked="" type="checkbox"/> | = |
| OPT266                  | <input type="checkbox"/>            | = |
| OPT266_116_HYDKIT_BP_HP | <input type="checkbox"/>            | = |
| OPT49+OPT325_OPT266     | <input type="checkbox"/>            | = |
| OPT49+OPT325_OPT267     | <input type="checkbox"/>            | = |
| OPT49_OPT267            | <input type="checkbox"/>            | = |
| OPT50+OPT325_OPT266     | <input type="checkbox"/>            | = |
| OPT50+OPT325_OPT267     | <input type="checkbox"/>            | = |
| OPT50_OPT267            | <input type="checkbox"/>            | = |
| OPT50                   | <input type="checkbox"/>            | = |
| OPT325 for OPT50        | <input type="checkbox"/>            | = |
| OPT49                   | <input type="checkbox"/>            | = |
| OPT325 for OPT49        | <input type="checkbox"/>            | = |
| Service Area            | <input checked="" type="checkbox"/> | = |
| Option_23               | <input type="checkbox"/>            | = |
| Option293               | <input type="checkbox"/>            | = |
| Pump BP/HP              | <input type="checkbox"/>            | = |
| Opt 23a                 | <input type="checkbox"/>            | = |
| 15LS/15L                | <input type="checkbox"/>            | = |
| <b>Identity Data</b>    |                                     |   |
| <                       |                                     |   |

How do I manage family types?

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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

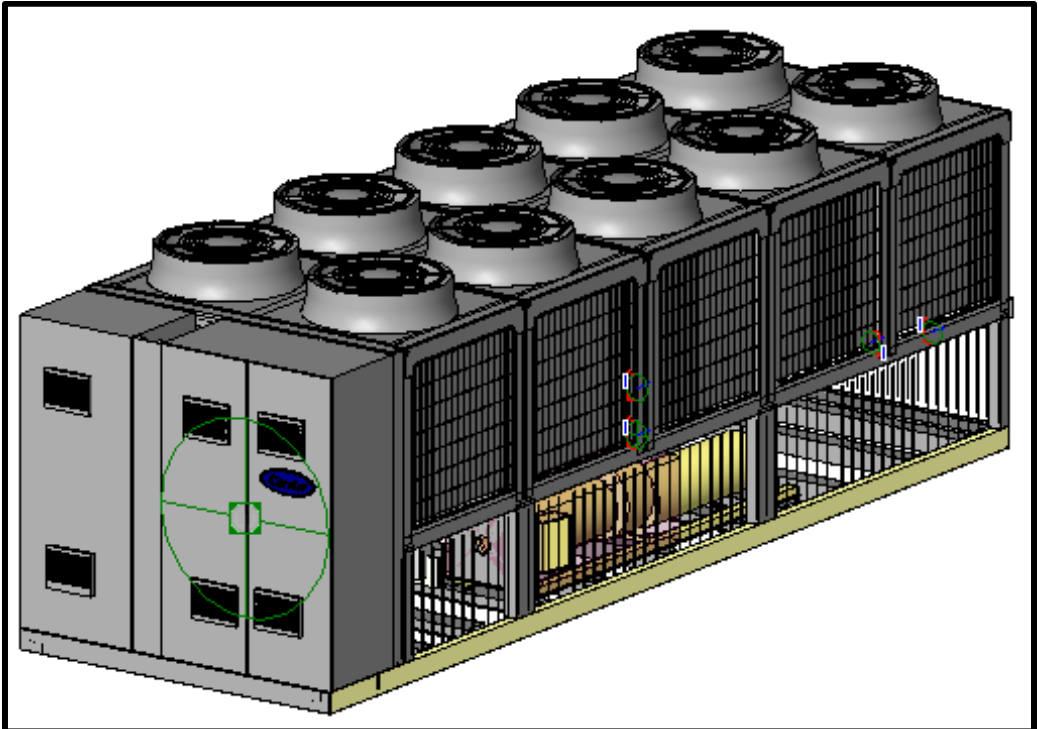
Type name: Opt 15L/LS + OPT 23

Search parameters

| Parameter            | Value                               |   |
|----------------------|-------------------------------------|---|
| <b>Construction</b>  |                                     |   |
| OPT50                | <input type="checkbox"/>            | = |
| OPT325 for OPT50     | <input type="checkbox"/>            | = |
| OPT49                | <input type="checkbox"/>            | = |
| OPT325 for OPT49     | <input type="checkbox"/>            | = |
| Service Area         | <input type="checkbox"/>            | = |
| Option_23            | <input checked="" type="checkbox"/> | = |
| Option293            | <input type="checkbox"/>            | = |
| Pump BP/HP           | <input type="checkbox"/>            | = |
| Opt 23a              | <input type="checkbox"/>            | = |
| 15LS/15L             | <input checked="" type="checkbox"/> | = |
| <b>Identity Data</b> |                                     |   |
|                      |                                     |   |

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## Option 15/15LS+Option23a

Family Types

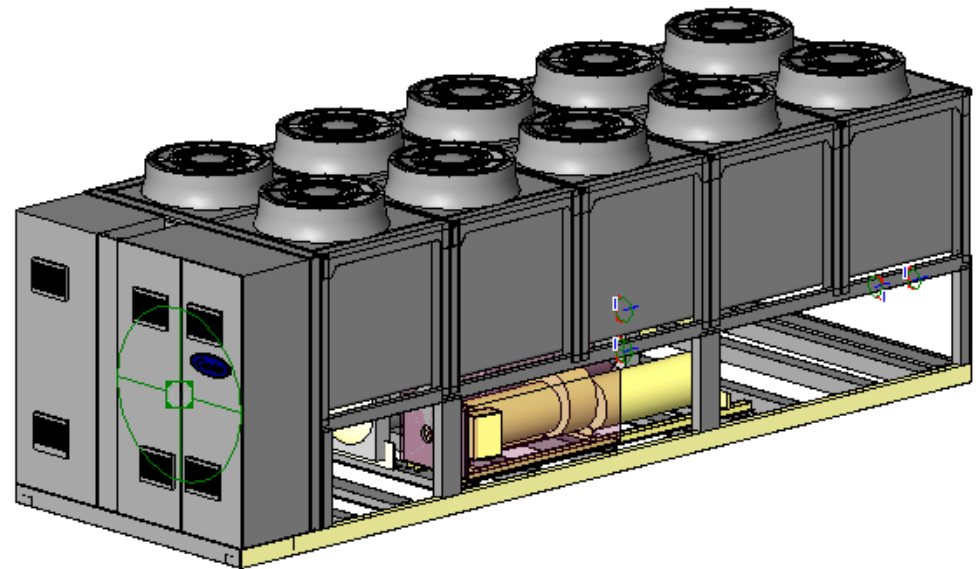
Type name: Opt 15L/LS + OPT 23a

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input type="checkbox"/>            |
| Pump BP/HP           | <input type="checkbox"/>            |
| Opt 23a              | <input checked="" type="checkbox"/> |
| 15LS/15L             | <input checked="" type="checkbox"/> |
| <b>Identity Data</b> |                                     |
|                      |                                     |

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## Option 116A+Option15/15LS

Family Types

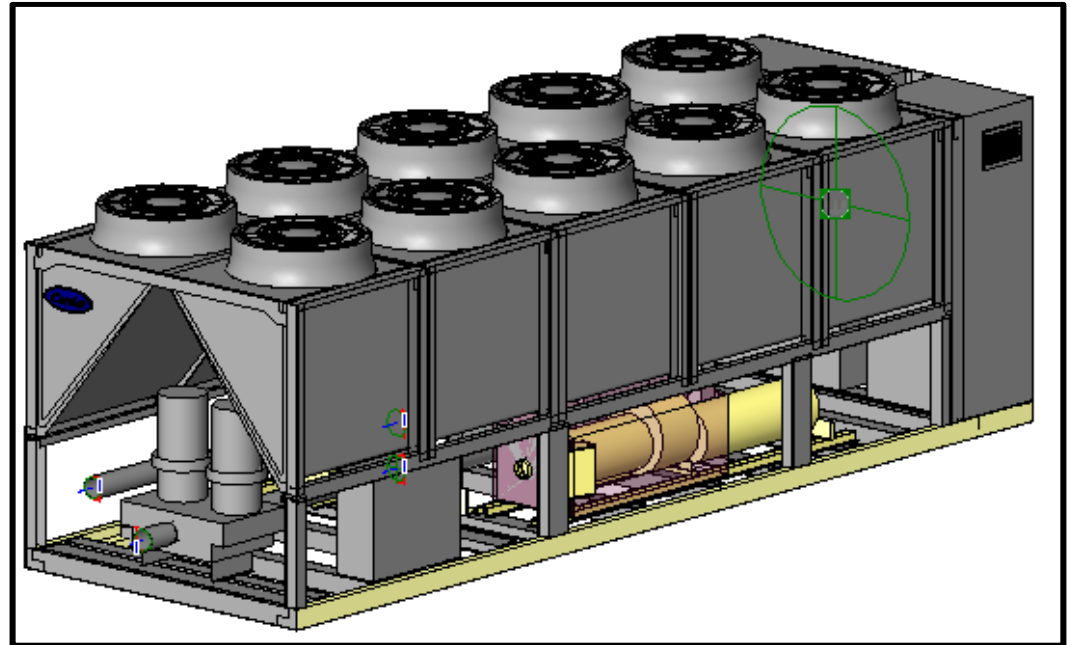
Type name:

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input type="checkbox"/>            |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input type="checkbox"/>            |
| 15LS/15L             | <input checked="" type="checkbox"/> |
| <b>Identity Data</b> |                                     |
|                      |                                     |

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## Option 116W+Option15/15LS

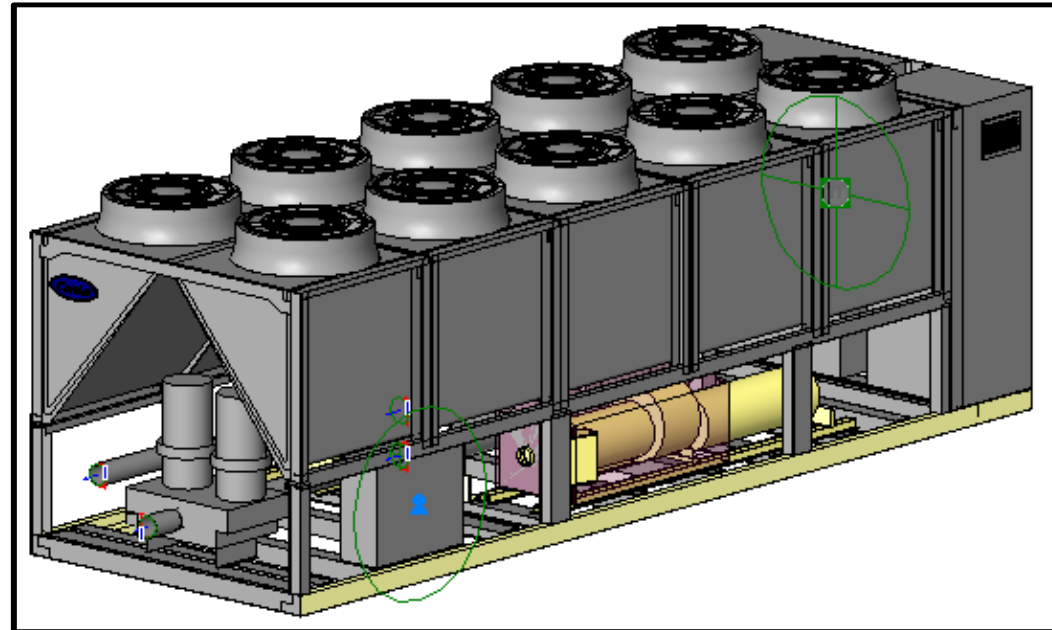
Family Types

Type name:

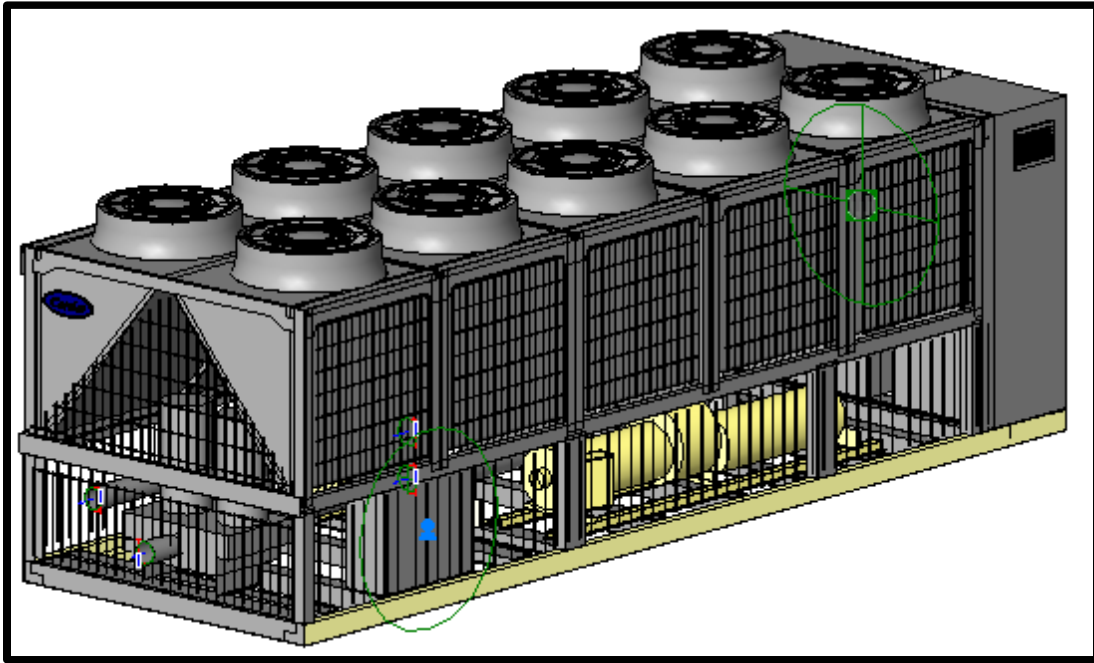
Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input type="checkbox"/>            |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input type="checkbox"/>            |
| 15LS/15L             | <input checked="" type="checkbox"/> |
| <b>Identity Data</b> |                                     |
|                      |                                     |
|                      |                                     |
|                      |                                     |

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**Option 116A+Option23**

[illegible]

## Option 116A+Option23a

Family Types

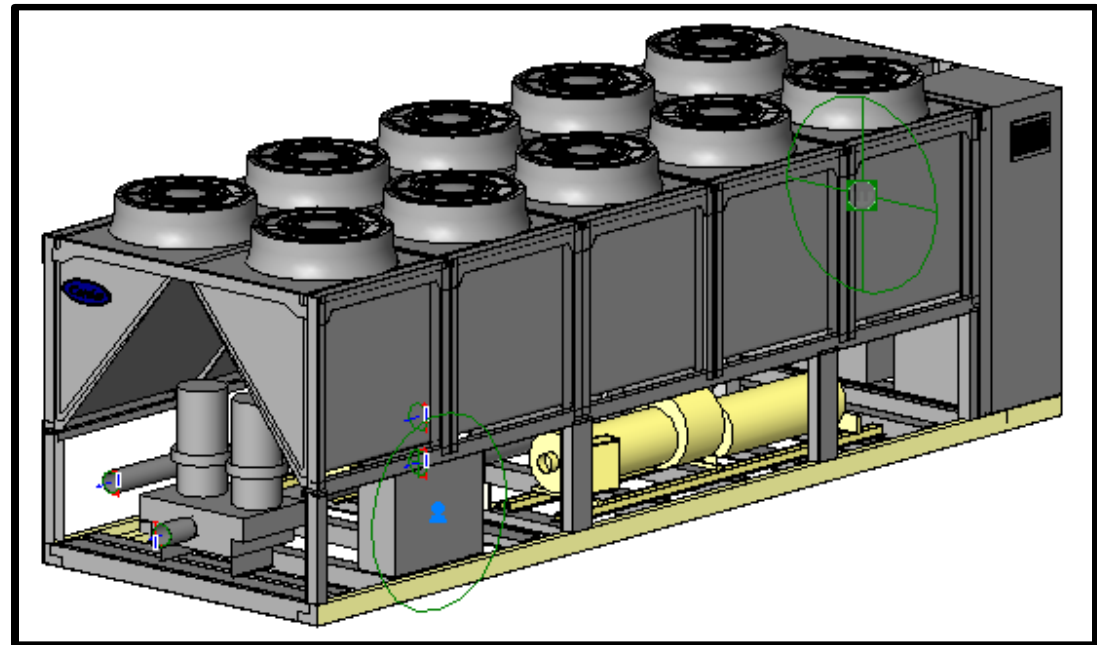
Type name: OPT 23a + OPT 116A

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input type="checkbox"/>            |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input checked="" type="checkbox"/> |
| 15LS/15L             | <input type="checkbox"/>            |
| <b>Identity Data</b> |                                     |
|                      |                                     |

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**Option 116W+Option23**

Family Types

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

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input checked="" type="checkbox"/> |
| Option293            | <input type="checkbox"/>            |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input type="checkbox"/>            |
| 15LS/15L             | <input type="checkbox"/>            |
| <b>Identity Data</b> |                                     |
|                      |                                     |

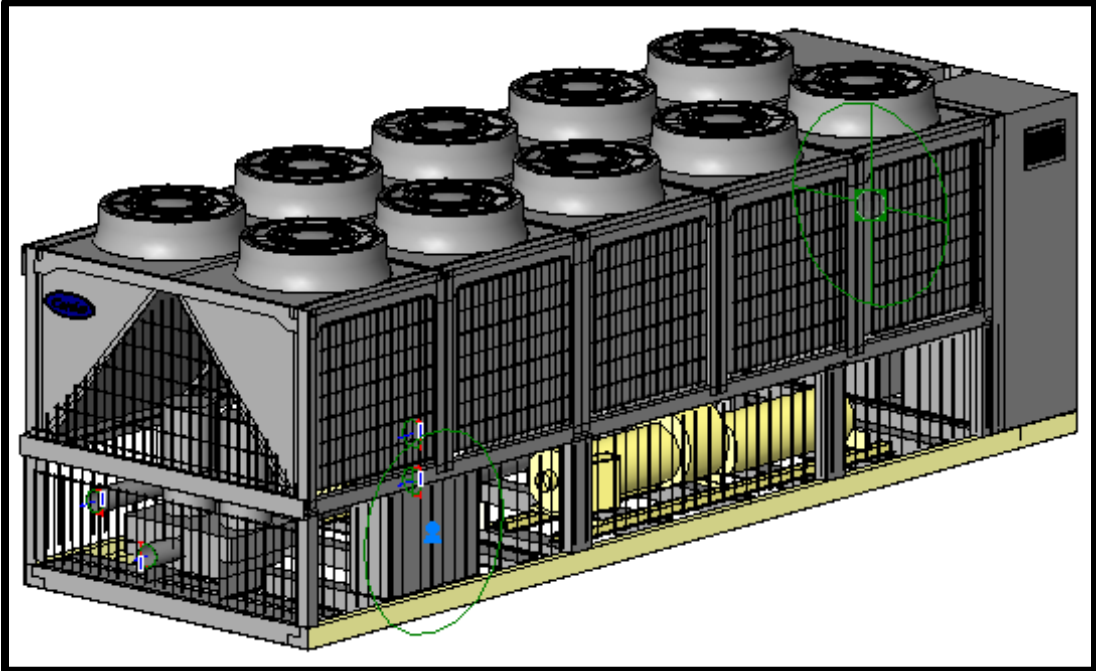








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## Option 116W+Option23a

Family Types

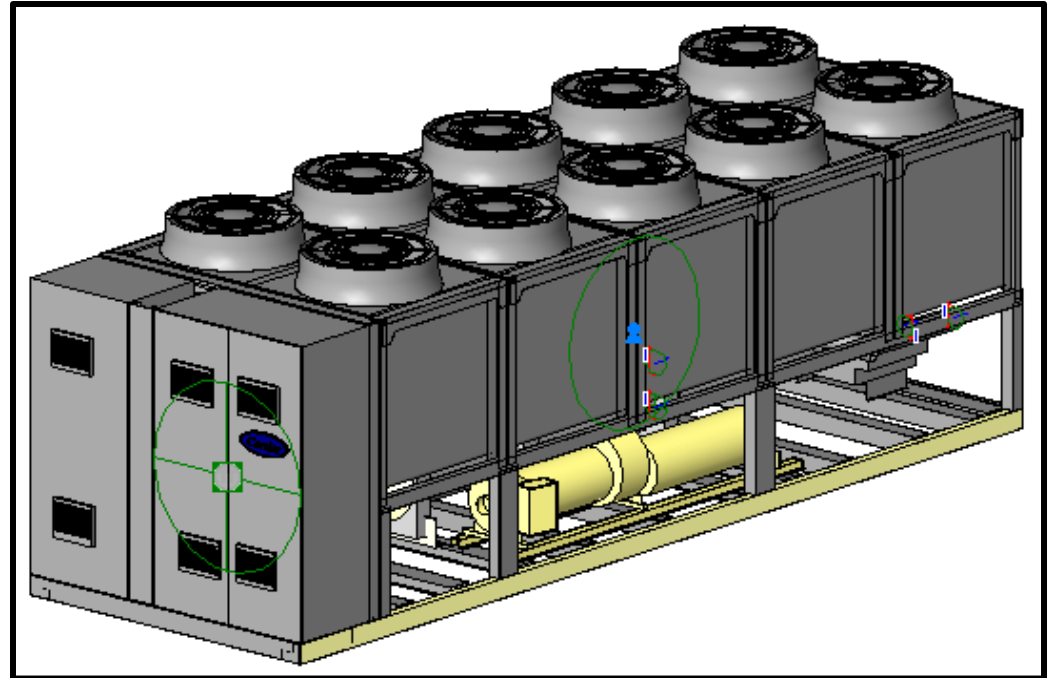
Type name: OPT 23a + OPT 116W

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input type="checkbox"/>            |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input checked="" type="checkbox"/> |
| 15LS/15L             | <input type="checkbox"/>            |
| <b>Identity Data</b> |                                     |
|                      |                                     |
|                      |                                     |
|                      |                                     |
|                      |                                     |

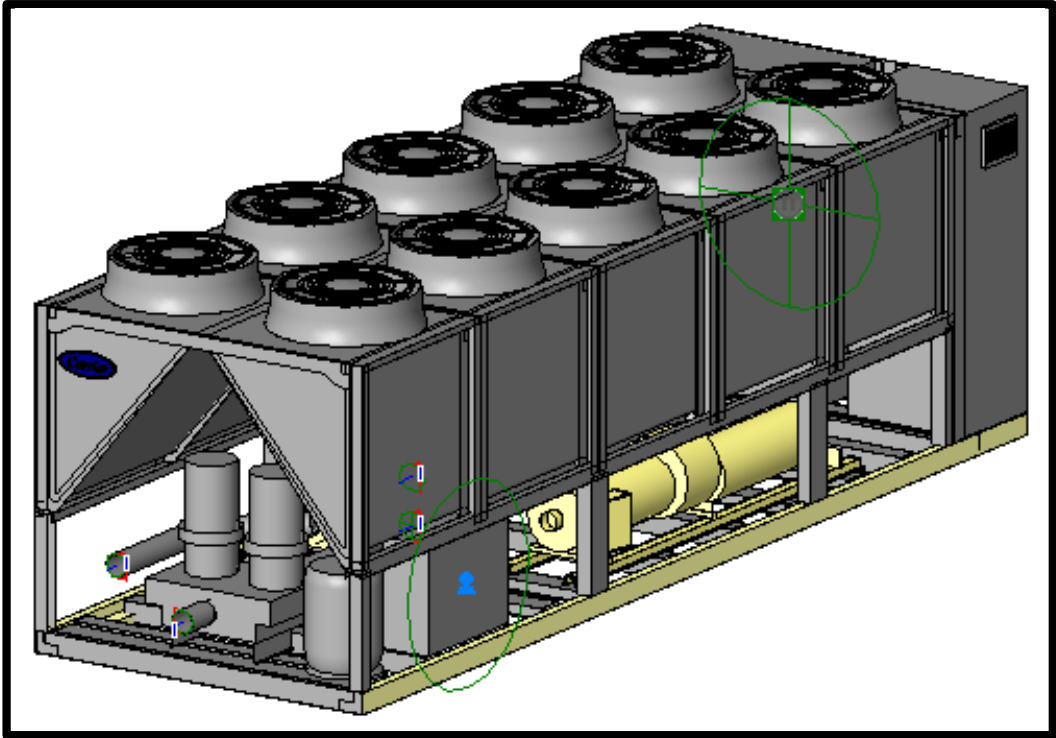
      

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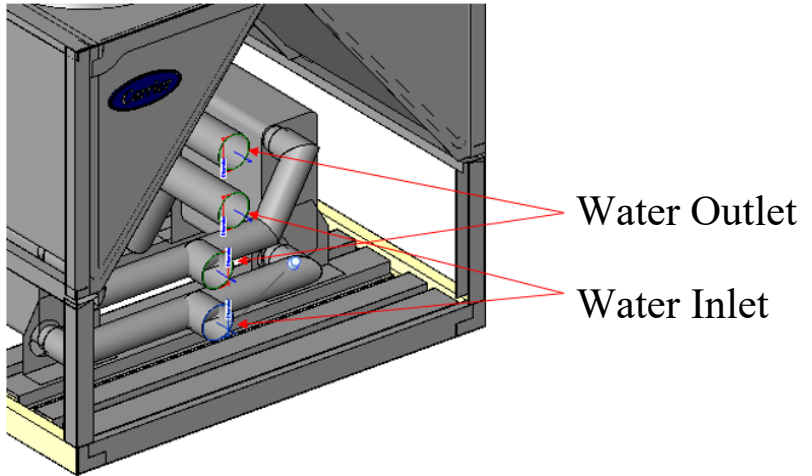
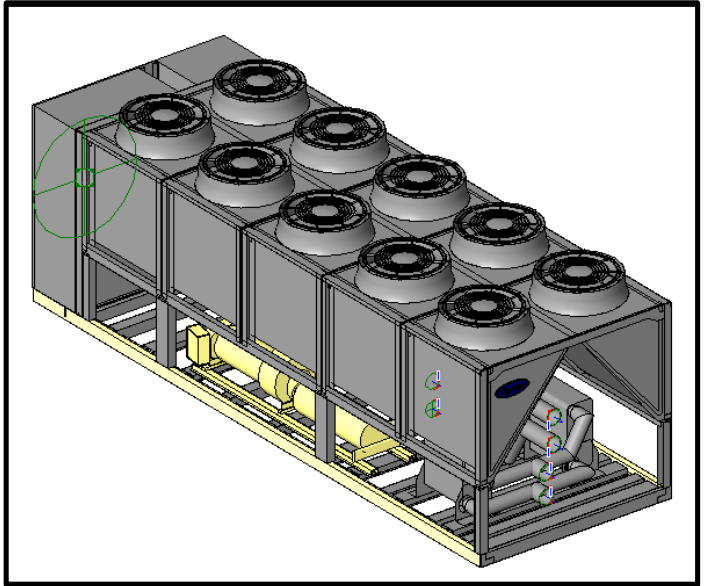


**Option 116+Option293**

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

[illegible]

**Option50 + Option325**

[illegible]

**Option49 + Option325**

**Family Types**

Type name: OPT49 + OPT325

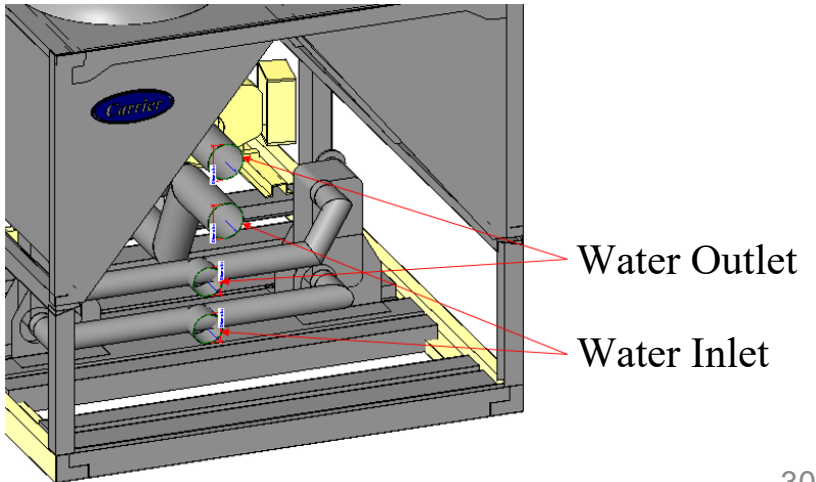
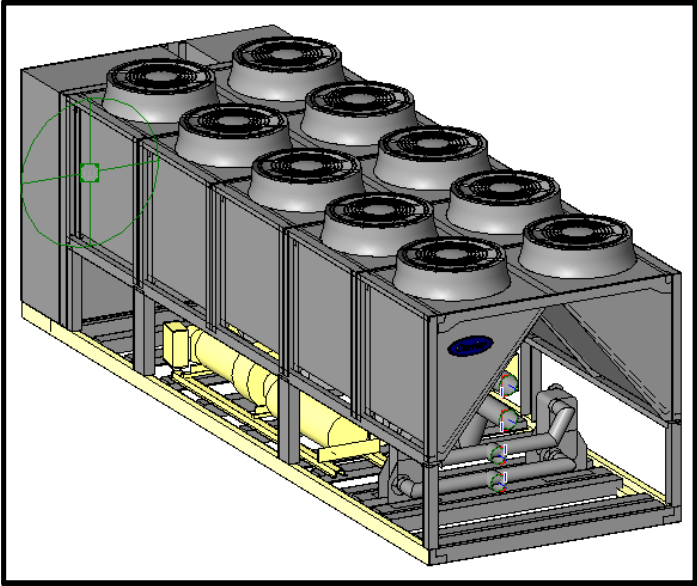
Search parameters

| Parameter            | Value                               |   |
|----------------------|-------------------------------------|---|
| <b>Construction</b>  |                                     |   |
| OPT50                | <input type="checkbox"/>            | = |
| OPT325 for OPT50     | <input type="checkbox"/>            | = |
| OPT49                | <input checked="" type="checkbox"/> | = |
| OPT325 for OPT49     | <input checked="" type="checkbox"/> | = |
| Service Area         | <input type="checkbox"/>            | = |
| Option_23            | <input type="checkbox"/>            | = |
| Option293            | <input type="checkbox"/>            | = |
| Pump BP/HP           | <input type="checkbox"/>            | = |
| Opt 23a              | <input type="checkbox"/>            | = |
| 15LS/15L             | <input type="checkbox"/>            | = |
| <b>Identity Data</b> |                                     |   |
|                      |                                     |   |

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## Option 116 + Option 266

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

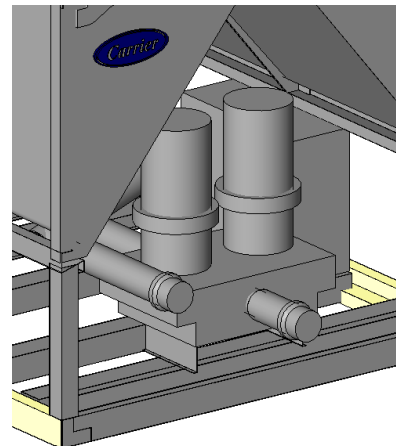
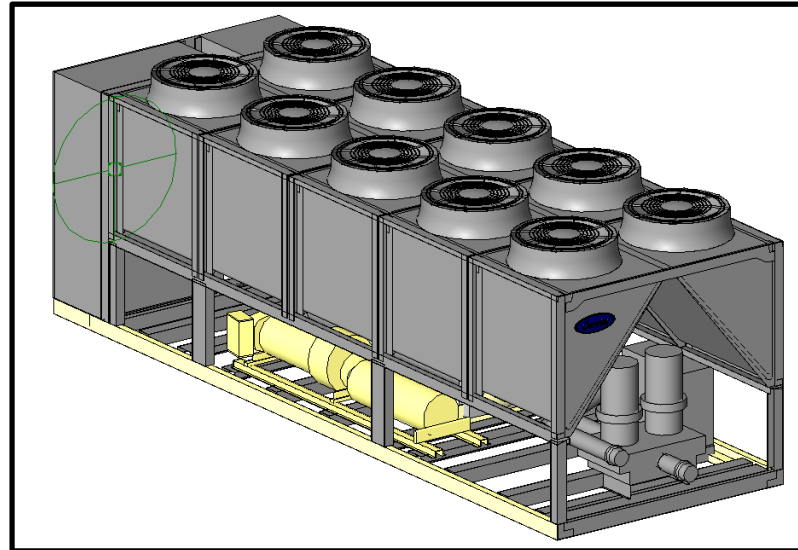
Family Types

Type name:

Search parameters

| Parameter               | Value                               |
|-------------------------|-------------------------------------|
| <b>Construction</b>     |                                     |
| ATEX Zone               | <input type="checkbox"/>            |
| OPT266                  | <input type="checkbox"/>            |
| OPT266_116_HYDKIT_BP_HP | <input checked="" type="checkbox"/> |
| OPT49+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT49+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT49_OPT267            | <input type="checkbox"/>            |
| OPT50+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT50+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT50_OPT267            | <input type="checkbox"/>            |
| OPT50                   | <input type="checkbox"/>            |
| OPT325 for OPT50        | <input type="checkbox"/>            |
| OPT49                   | <input type="checkbox"/>            |
| OPT325 for OPT49        | <input type="checkbox"/>            |
| Service Area            | <input type="checkbox"/>            |
| Option_23               | <input type="checkbox"/>            |
| Option293               | <input type="checkbox"/>            |
| Pump BP/HP              | <input checked="" type="checkbox"/> |
| Opt 23a                 | <input type="checkbox"/>            |
| 15LS/15L                | <input type="checkbox"/>            |
| <b>Identity Data</b>    |                                     |
| <                       |                                     |

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# Triple Combo Units

## 30KAV / 30KAVZE REVIT DATABASE

| 30KAV / 30KAVZE<br>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 /<br>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**

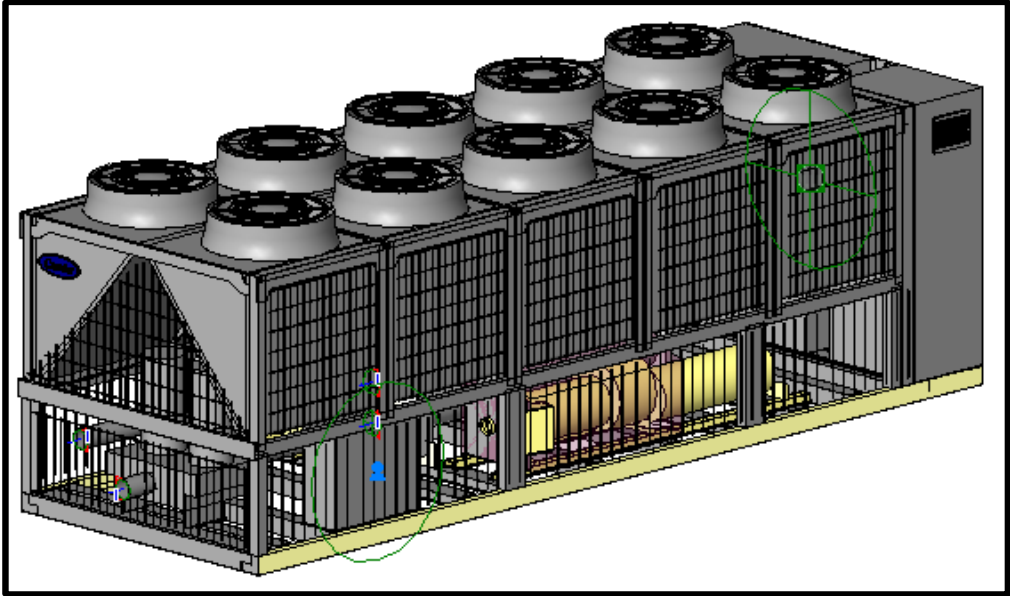
1) In this slide only 116A is shown. Same way 116W is also configured

### Family Types

Type name:

| Parameter            | Value                               |   |
|----------------------|-------------------------------------|---|
| <b>Construction</b>  |                                     |   |
| OPT50                | <input type="checkbox"/>            | = |
| OPT325 for OPT50     | <input type="checkbox"/>            | = |
| OPT49                | <input type="checkbox"/>            | = |
| OPT325 for OPT49     | <input type="checkbox"/>            | = |
| Service Area         | <input type="checkbox"/>            | = |
| Option_23            | <input checked="" type="checkbox"/> | = |
| Option293            | <input type="checkbox"/>            | = |
| Pump BP/HP           | <input checked="" type="checkbox"/> | = |
| Opt 23a              | <input type="checkbox"/>            | = |
| 15LS/15L             | <input checked="" type="checkbox"/> | = |
| <b>Identity Data</b> |                                     |   |
|                      |                                     |   |

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**Option 15L/15LS+Option23a + Option116**

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

**Family Types**

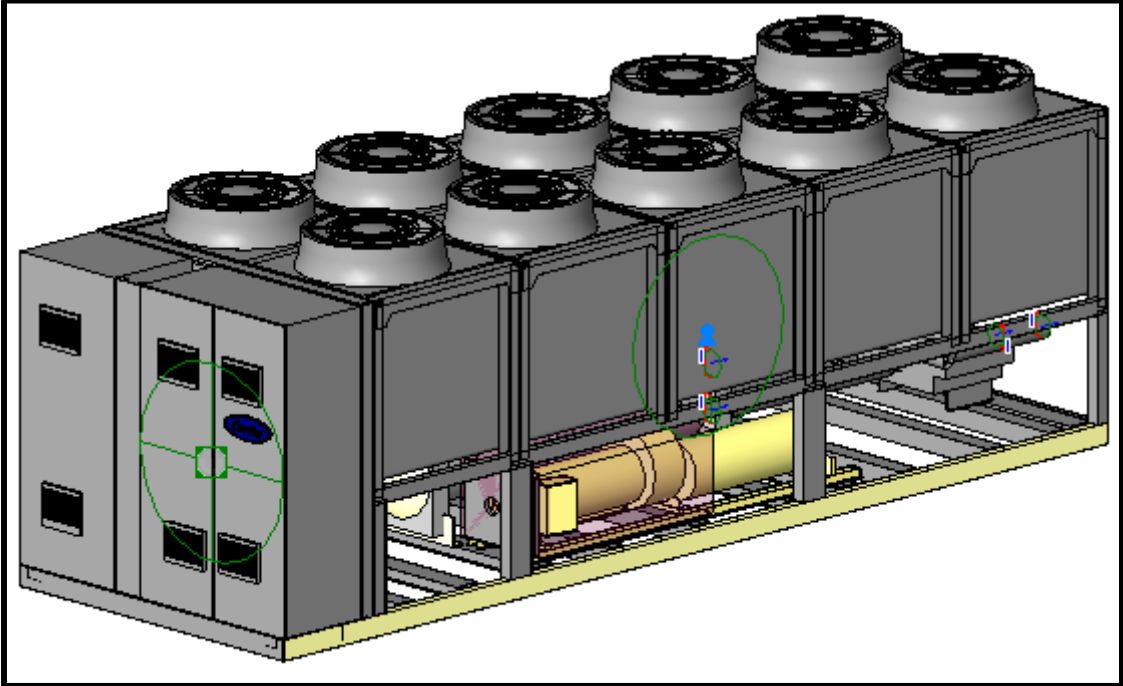
Type name: Opt 15L/LS + OPT23a+Opt116A

Search parameters

| Parameter            | Value                               |   |
|----------------------|-------------------------------------|---|
| <b>Construction</b>  |                                     |   |
| OPT50                | <input type="checkbox"/>            | = |
| OPT325 for OPT50     | <input type="checkbox"/>            | = |
| OPT49                | <input type="checkbox"/>            | = |
| OPT325 for OPT49     | <input type="checkbox"/>            | = |
| Service Area         | <input type="checkbox"/>            | = |
| Option_23            | <input type="checkbox"/>            | = |
| Option293            | <input type="checkbox"/>            | = |
| Pump BP/HP           | <input checked="" type="checkbox"/> | = |
| Opt 23a              | <input checked="" type="checkbox"/> | = |
| 15LS/15L             | <input checked="" type="checkbox"/> | = |
| <b>Identity Data</b> |                                     |   |
|                      |                                     |   |
|                      |                                     |   |
|                      |                                     |   |
|                      |                                     |   |
|                      |                                     |   |
|                      |                                     |   |
|                      |                                     |   |
|                      |                                     |   |
|                      |                                     |   |

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## Option 15L/15LS+Option293 + Option116

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

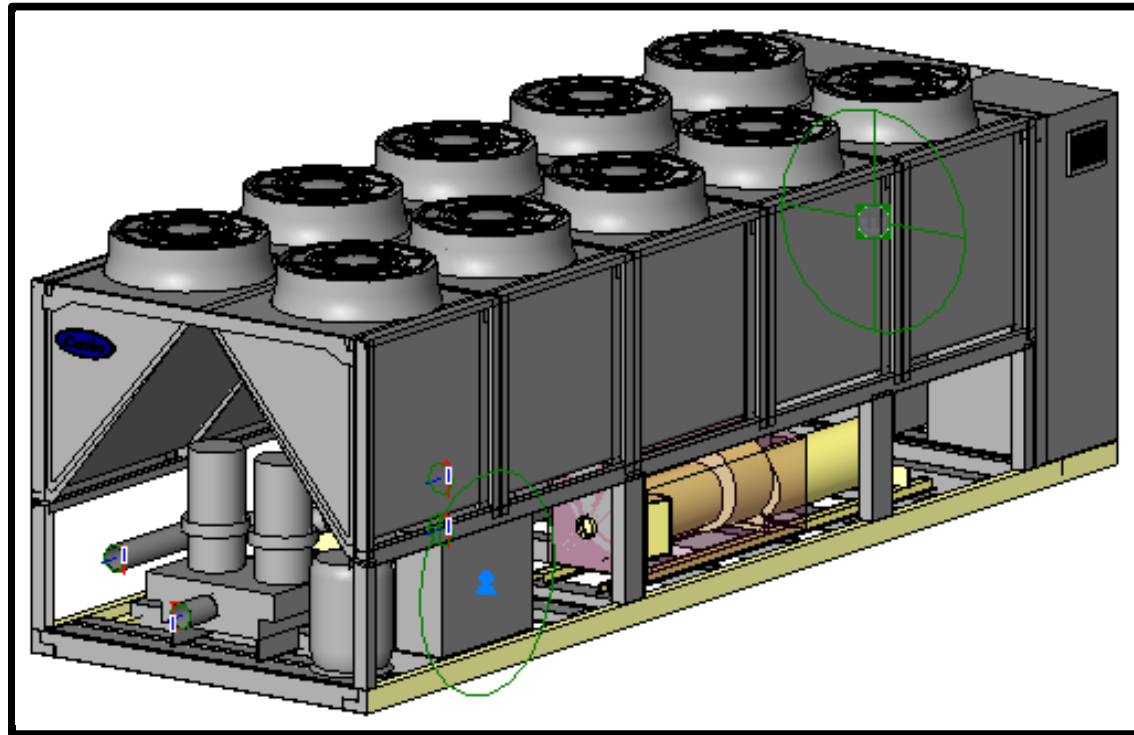
Family Types

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

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input checked="" type="checkbox"/> |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input type="checkbox"/>            |
| 15LS/15L             | <input checked="" type="checkbox"/> |
| <b>Identity Data</b> |                                     |
|                      |                                     |

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

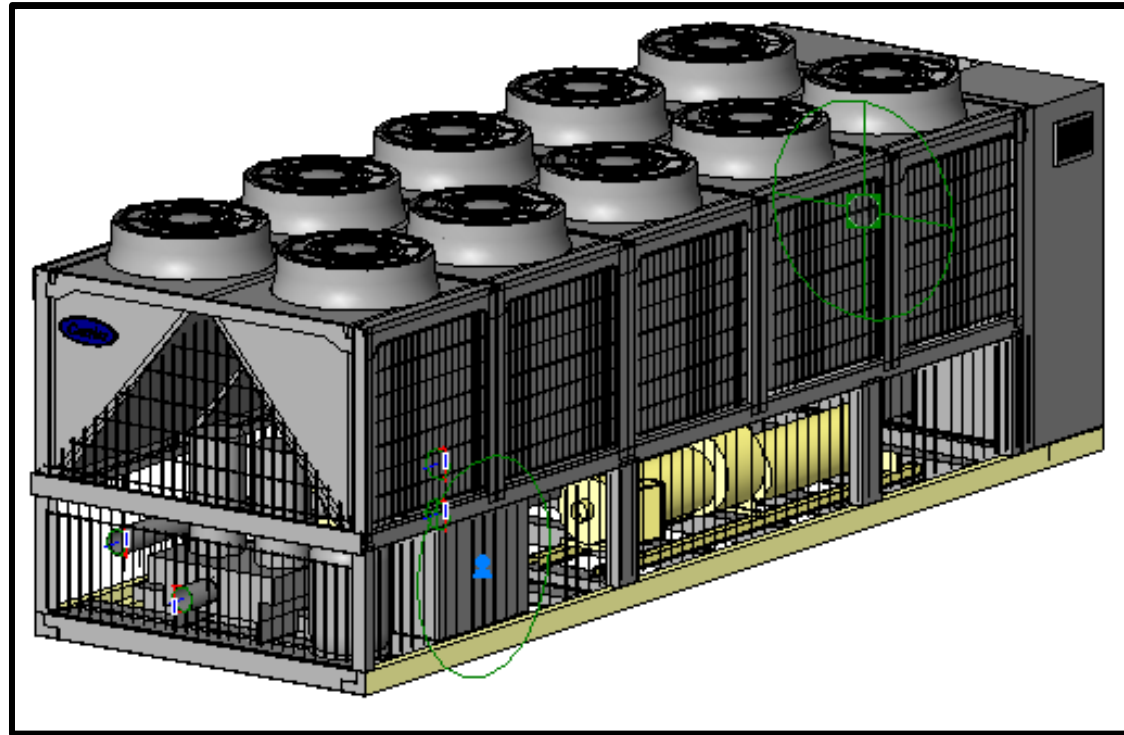
Family Types

Type name: OPT 23 + OPT 116 A+Opt293

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input checked="" type="checkbox"/> |
| Option293            | <input checked="" type="checkbox"/> |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input type="checkbox"/>            |
| 15LS/15L             | <input type="checkbox"/>            |
| <b>Identity Data</b> |                                     |
|                      |                                     |
|                      |                                     |
|                      |                                     |

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## OPT 23a + OPT 116+Opt293

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

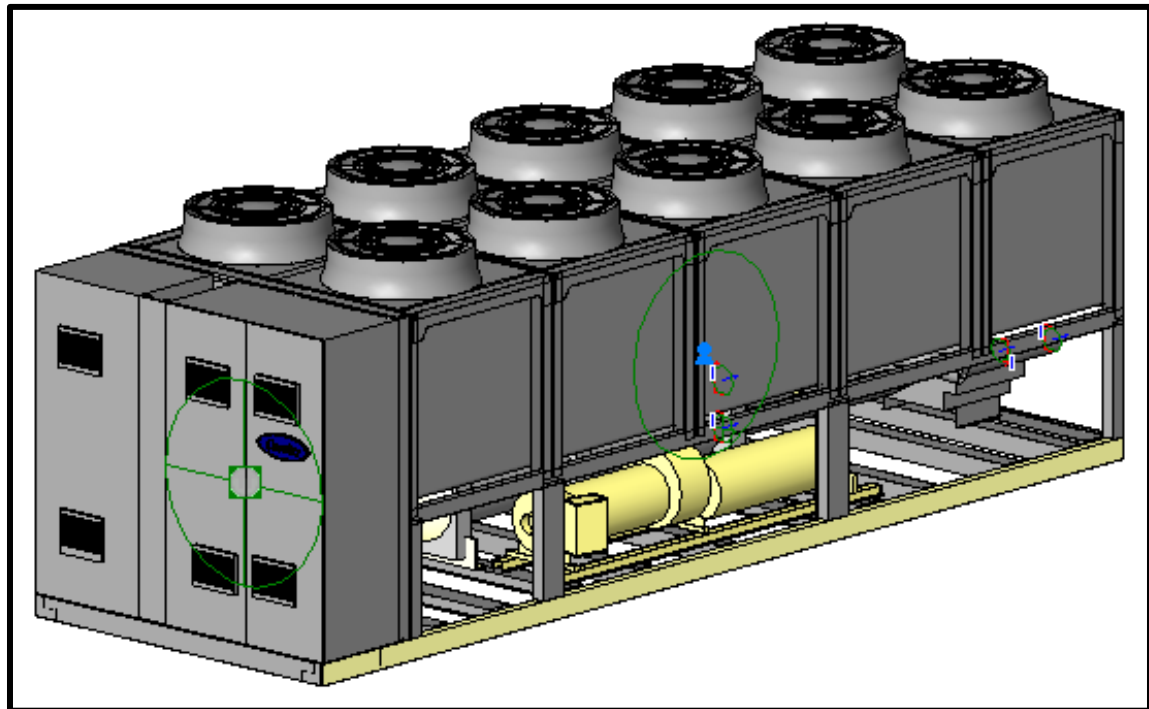
Family Types

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

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input type="checkbox"/>            |
| Option293            | <input checked="" type="checkbox"/> |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input checked="" type="checkbox"/> |
| 15LS/15L             | <input type="checkbox"/>            |
| <b>Identity Data</b> |                                     |
|                      |                                     |

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# OPT 50 + OPT 266 + Opt267

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

Family Types

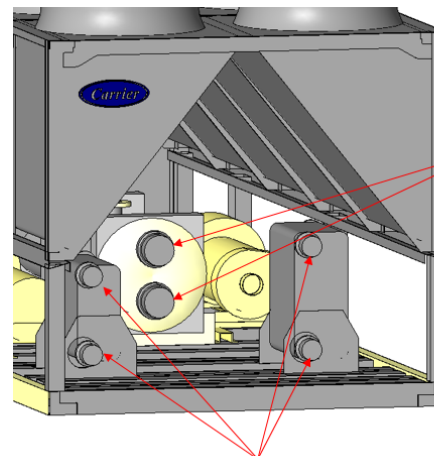
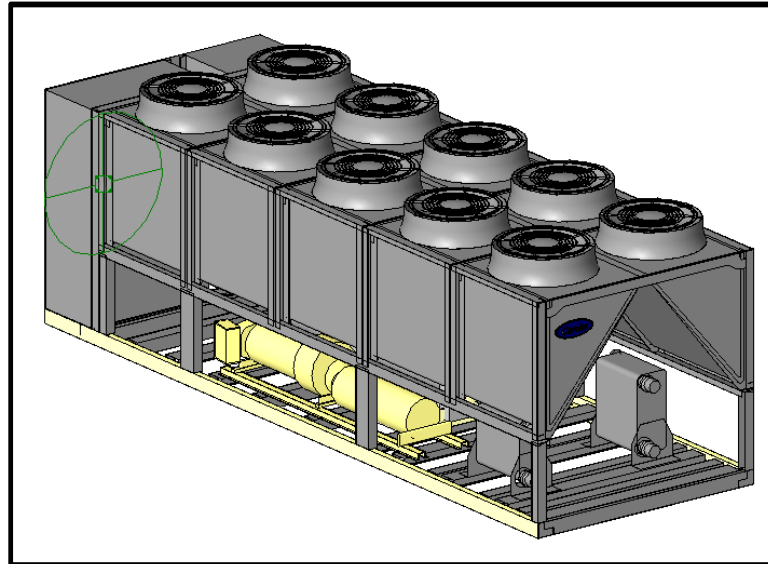
Type name: OPT50 + OPT266 + OPT267

Search parameters

| Parameter               | Value                               |
|-------------------------|-------------------------------------|
| <b>Construction</b>     |                                     |
| ATEX Zone               | <input type="checkbox"/>            |
| OPT266                  | <input checked="" type="checkbox"/> |
| OPT266_116_HYDKIT_BP_HP | <input type="checkbox"/>            |
| OPT49+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT49+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT49_OPT267            | <input type="checkbox"/>            |
| OPT50+OPT325_OPT266     | <input type="checkbox"/>            |
| OPT50+OPT325_OPT267     | <input type="checkbox"/>            |
| OPT50_OPT267            | <input checked="" type="checkbox"/> |
| OPT50                   | <input checked="" type="checkbox"/> |
| OPT325 for OPT50        | <input type="checkbox"/>            |
| OPT49                   | <input type="checkbox"/>            |
| OPT325 for OPT49        | <input type="checkbox"/>            |
| Service Area            | <input type="checkbox"/>            |
| Option_23               | <input type="checkbox"/>            |
| Option293               | <input type="checkbox"/>            |
| Pump BP/HP              | <input type="checkbox"/>            |
| Opt 23a                 | <input type="checkbox"/>            |
| 15LS/15L                | <input type="checkbox"/>            |
| <b>Identity Data</b>    |                                     |
| <                       |                                     |

How do I manage family types?

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Opt 266

Opt 267

## 4 Combo Units

| <i>30KAV / 30KAVZE REVIT DATABASE</i>  |                                  |                                   |                                    |                                    |
|----------------------------------------|----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| <u>30KAV / 30KAVZE</u><br><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 /<br>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

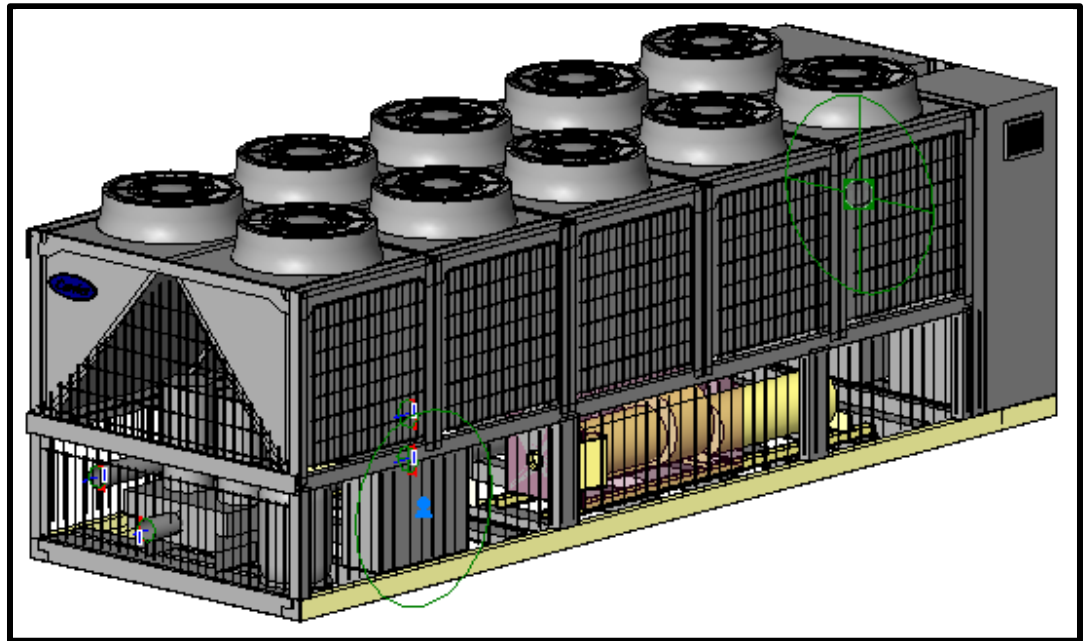
Type name: OPT 15L/LS + OPT23+Opt116A+OPT293

Search parameters

| Parameter            | Value                               |
|----------------------|-------------------------------------|
| <b>Construction</b>  |                                     |
| OPT50                | <input type="checkbox"/>            |
| OPT325 for OPT50     | <input type="checkbox"/>            |
| OPT49                | <input type="checkbox"/>            |
| OPT325 for OPT49     | <input type="checkbox"/>            |
| Service Area         | <input type="checkbox"/>            |
| Option_23            | <input checked="" type="checkbox"/> |
| Option293            | <input checked="" type="checkbox"/> |
| Pump BP/HP           | <input checked="" type="checkbox"/> |
| Opt 23a              | <input type="checkbox"/>            |
| 15LS/15L             | <input checked="" type="checkbox"/> |
| <b>Identity Data</b> |                                     |
|                      |                                     |

[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:

Search parameters

| Parameter            | Value                                 |
|----------------------|---------------------------------------|
| <b>Construction</b>  |                                       |
| OPT50                | <input type="checkbox"/> =            |
| OPT325 for OPT50     | <input type="checkbox"/> =            |
| OPT49                | <input type="checkbox"/> =            |
| OPT325 for OPT49     | <input type="checkbox"/> =            |
| Service Area         | <input type="checkbox"/> =            |
| Option_23            | <input type="checkbox"/> =            |
| Option293            | <input checked="" type="checkbox"/> = |
| Pump BP/HP           | <input checked="" type="checkbox"/> = |
| Opt 23a              | <input checked="" type="checkbox"/> = |
| 15LS/15L             | <input checked="" type="checkbox"/> = |
| <b>Identity Data</b> |                                       |
|                      |                                       |
|                      |                                       |
|                      |                                       |
|                      |                                       |
|                      |                                       |
|                      |                                       |
|                      |                                       |
|                      |                                       |
|                      |                                       |

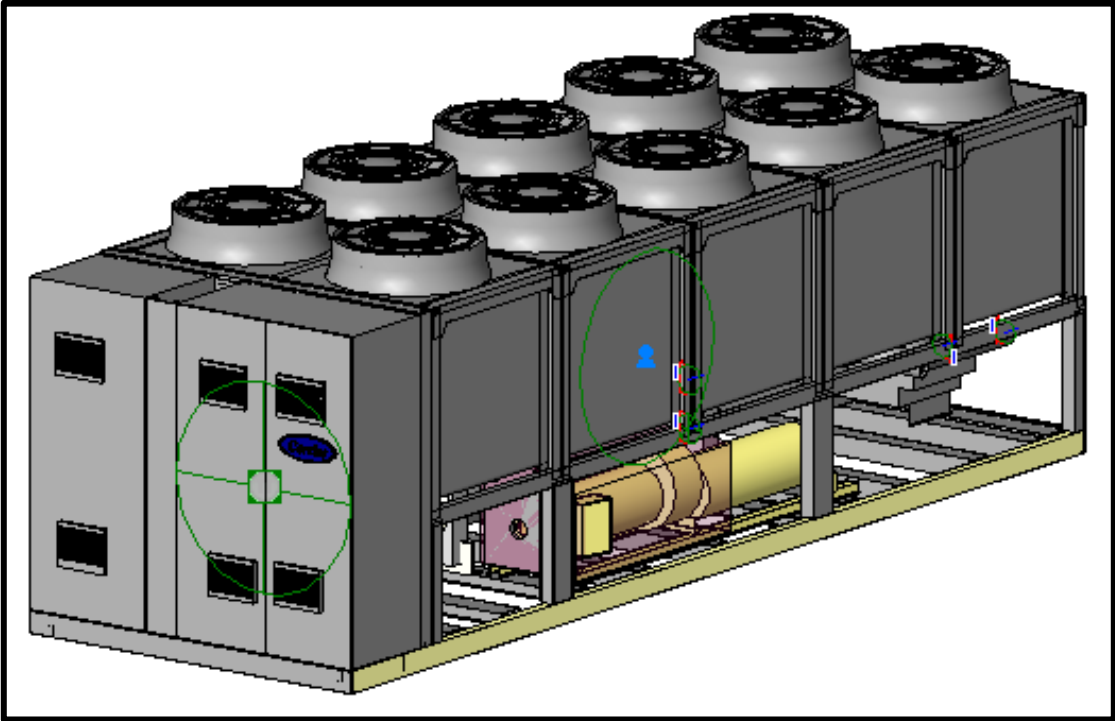








[How do I manage family types?](#) OK



# OPT 50 + OPT325 + OPT 266 + Opt267

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

Family Types

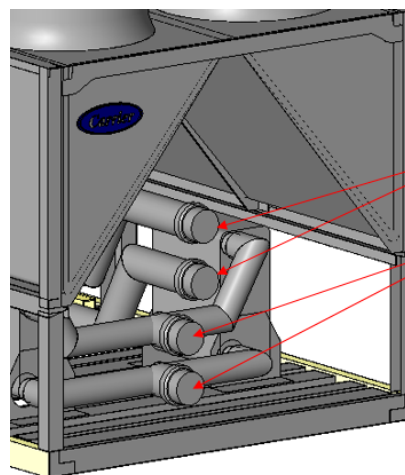
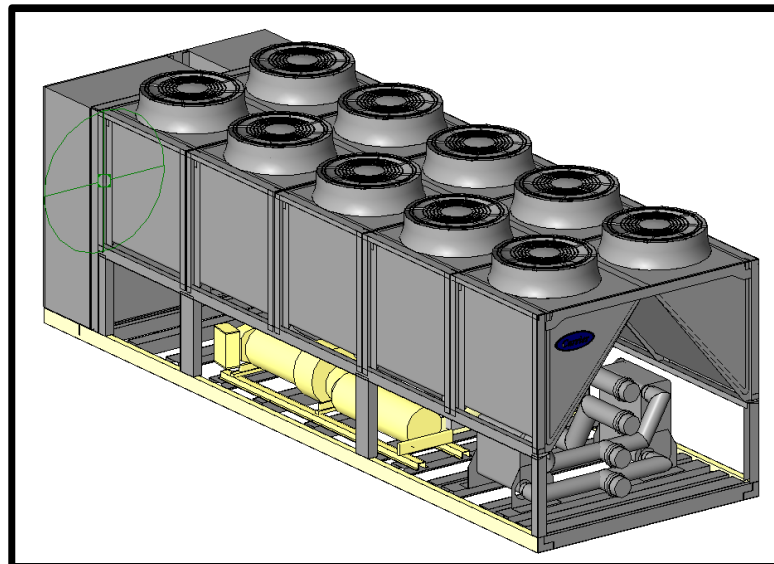
Type name: OPT50 + OPT325 + OPT266 + OPT267

Search parameters

| Parameter               | Value                               |
|-------------------------|-------------------------------------|
| <b>Construction</b>     |                                     |
| ATEX Zone               | <input type="checkbox"/>            |
| OPT266                  | <input type="checkbox"/>            |
| OPT266_116_HYDKIT_BP_HP | <input type="checkbox"/>            |
| OPT49+ OPT325_OPT266    | <input type="checkbox"/>            |
| OPT49+ OPT325_OPT267    | <input type="checkbox"/>            |
| OPT49_OPT267            | <input type="checkbox"/>            |
| OPT50+ OPT325_OPT266    | <input checked="" type="checkbox"/> |
| OPT50+ OPT325_OPT267    | <input checked="" type="checkbox"/> |
| OPT50_OPT267            | <input type="checkbox"/>            |
| OPT50                   | <input checked="" type="checkbox"/> |
| OPT325 for OPT50        | <input checked="" type="checkbox"/> |
| OPT49                   | <input type="checkbox"/>            |
| OPT325 for OPT49        | <input type="checkbox"/>            |
| <b>Service Area</b>     |                                     |
| Option_23               | <input type="checkbox"/>            |
| Option293               | <input type="checkbox"/>            |
| Pump BP/HP              | <input type="checkbox"/>            |
| Opt 23a                 | <input type="checkbox"/>            |
| 15LS/15L                | <input type="checkbox"/>            |
| <b>Identity Data</b>    |                                     |
| <                       |                                     |

How do I manage family types?

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Opt 266

Opt 267

### **IMPORTANT:-**

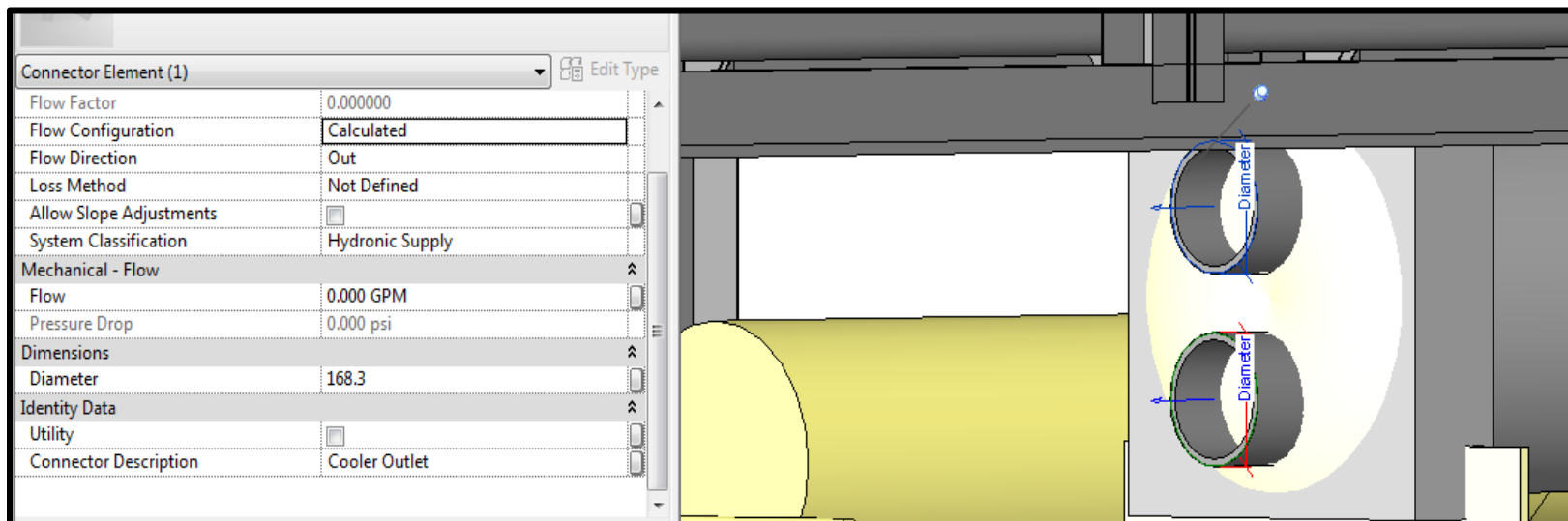
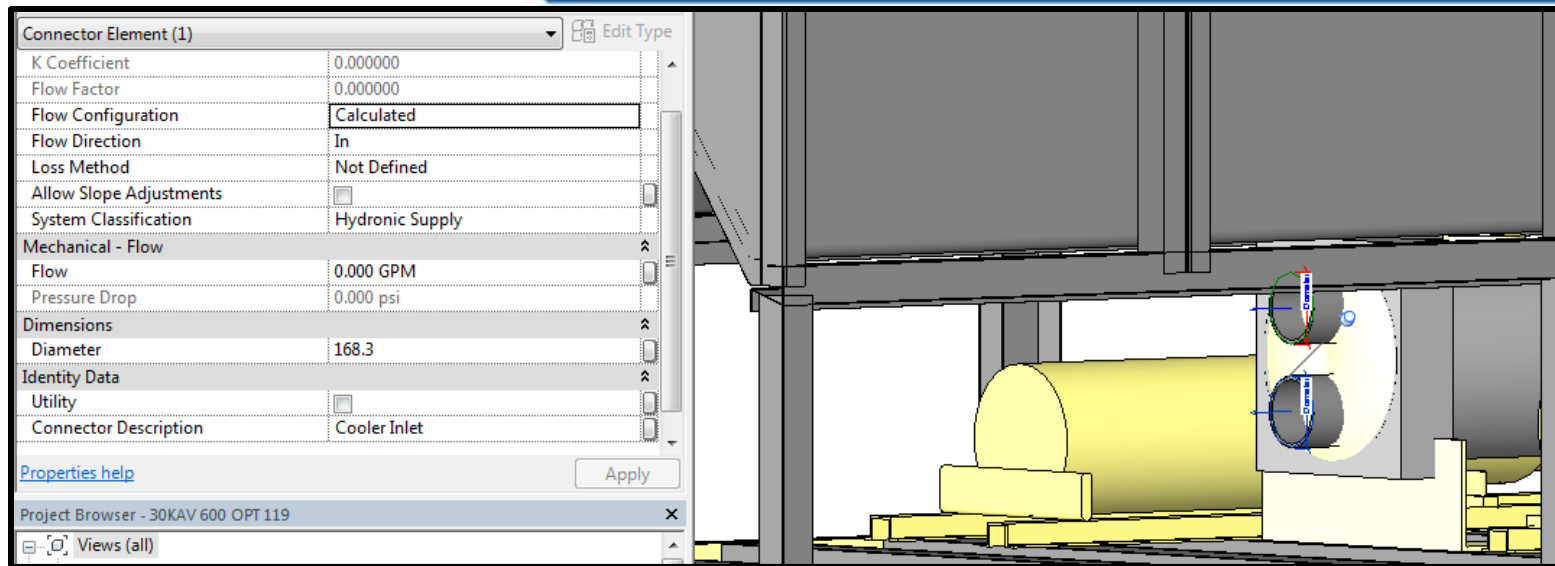
#### **Connectors Used-**

- 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



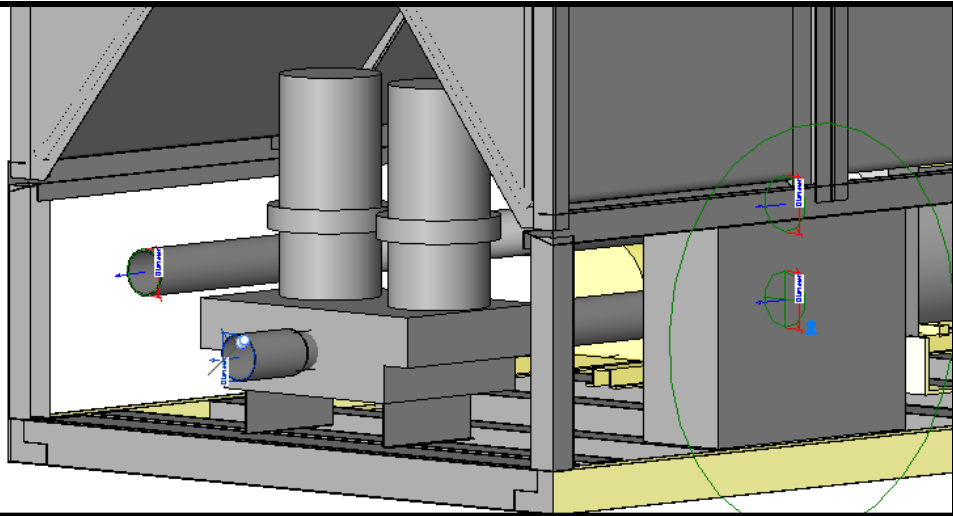
# Chiller Inlet / Outlet (Customer Connection)

Connector Element (1) Edit Type

|                         |                          |
|-------------------------|--------------------------|
| Flow Factor             | 0.000000                 |
| Flow Configuration      | Calculated               |
| Flow Direction          | In                       |
| Loss Method             | Not Defined              |
| Allow Slope Adjustments | <input type="checkbox"/> |
| System Classification   | Hydronic Supply          |
| Mechanical - Flow       |                          |
| Flow                    | 0.000 GPM                |
| Pressure Drop           | 0.000 psi                |
| Dimensions              |                          |
| Diameter                | 139.7                    |
| Identity Data           |                          |
| Utility                 | <input type="checkbox"/> |
| Connector Description   | Chiller Inlet            |

[Properties help](#) Apply

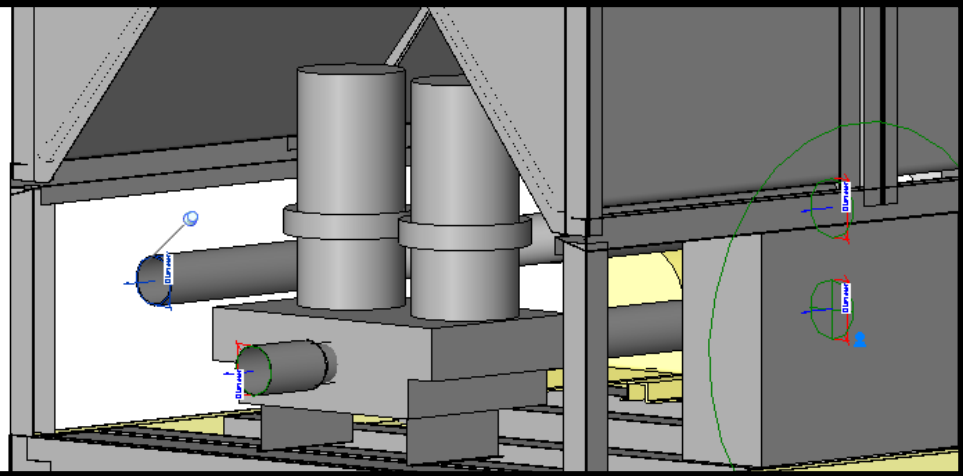
Project Browser - 30KAV800 X



Connector Element (1) Edit Type

|                         |                          |
|-------------------------|--------------------------|
| Flow Factor             | 0.000000                 |
| Flow Configuration      | Calculated               |
| Flow Direction          | Out                      |
| Loss Method             | Not Defined              |
| Allow Slope Adjustments | <input type="checkbox"/> |
| System Classification   | Hydronic Supply          |
| Mechanical - Flow       |                          |
| Flow                    | 0.000 GPM                |
| Pressure Drop           | 0.000 psi                |
| Dimensions              |                          |
| Diameter                | 139.7                    |
| Identity Data           |                          |
| Utility                 | <input type="checkbox"/> |
| Connector Description   | Chiller Outlet           |

[Properties help](#) Apply

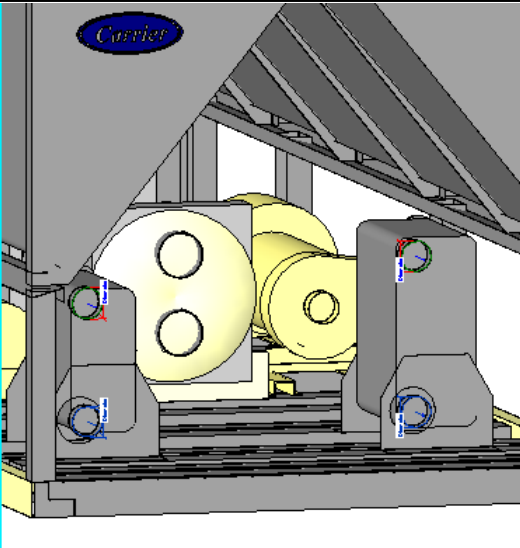


# Total Heat Recovery (Opt50) Inlet / Outlet

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 | <input type="checkbox"/> |
| System Classification   | Hydronic Supply          |
| Mechanical - Flow       |                          |
| Flow                    | 0.000 GPM                |
| Pressure Drop           | 0.000 psi                |
| Identity Data           |                          |
| Utility                 | <input type="checkbox"/> |
| Connector Description   | Water_Inlet              |

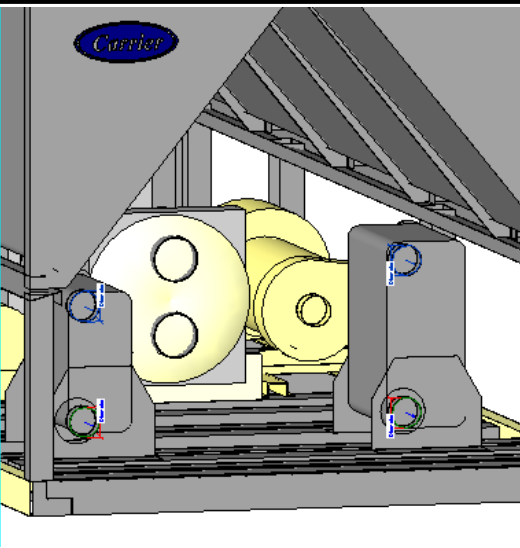


The image shows a 3D CAD model of a Carrier HVAC unit. A yellow cylindrical connector is attached to the side of the unit. The connector is labeled 'Water\_Inlet' in the software interface. The unit is mounted on a metal frame.

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 | <input type="checkbox"/> |
| System Classification   | Hydronic Return          |
| Mechanical - Flow       |                          |
| Flow                    | 0.000 GPM                |
| Pressure Drop           | 0.000 psi                |
| Identity Data           |                          |
| Utility                 | <input type="checkbox"/> |
| Connector Description   | Water_Outlet             |



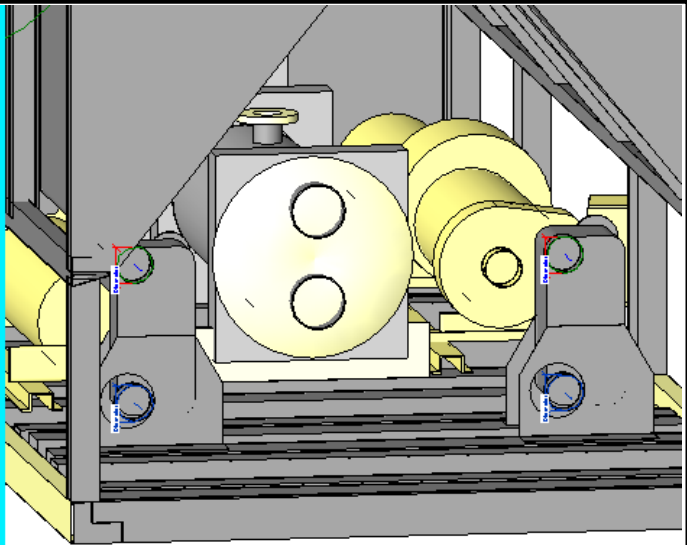
The image shows a 3D CAD model of a Carrier HVAC unit. A yellow cylindrical connector is attached to the side of the unit. The connector is labeled 'Water\_Outlet' in the software interface. The unit is mounted on a metal frame.

# Partial Heat Recovery (Opt49) Inlet / Outlet

Multiple Families Selected

Connector Element (2) Edit Type

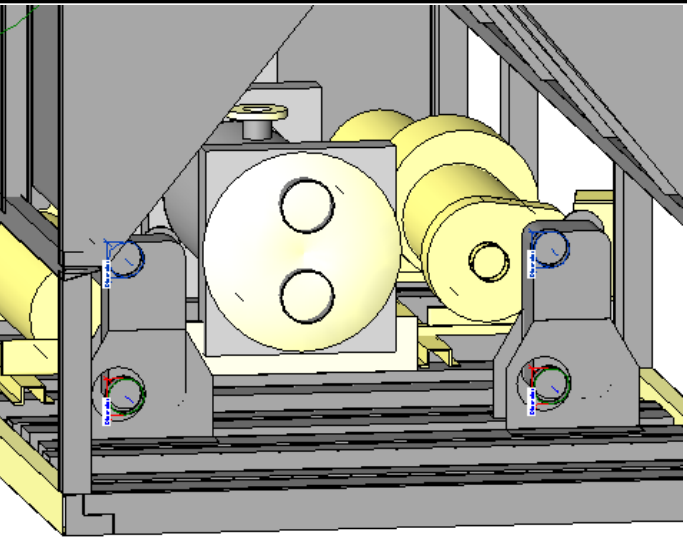
|                         |                          |
|-------------------------|--------------------------|
| Dimensions              |                          |
| Diameter                | 114.3                    |
| Mechanical              |                          |
| K Coefficient           | 0.000000                 |
| Flow Factor             | 0.000000                 |
| Flow Configuration      | Calculated               |
| Flow Direction          | In                       |
| Loss Method             | Not Defined              |
| Allow Slope Adjustments | <input type="checkbox"/> |
| System Classification   | Hydronic Supply          |
| Mechanical - Flow       |                          |
| Flow                    | 0.000 GPM                |
| Pressure Drop           | 0.000 psi                |
| Identity Data           |                          |
| Utility                 | <input type="checkbox"/> |
| Connector Description   | Water_Inlet              |



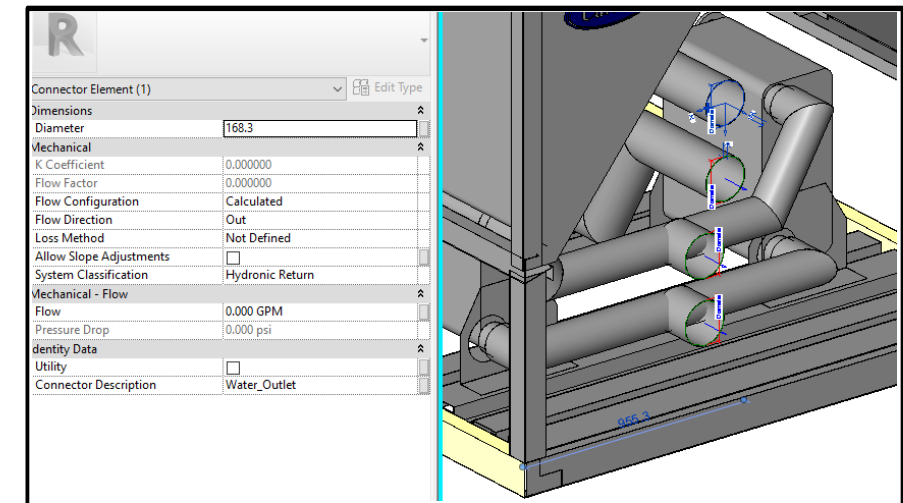
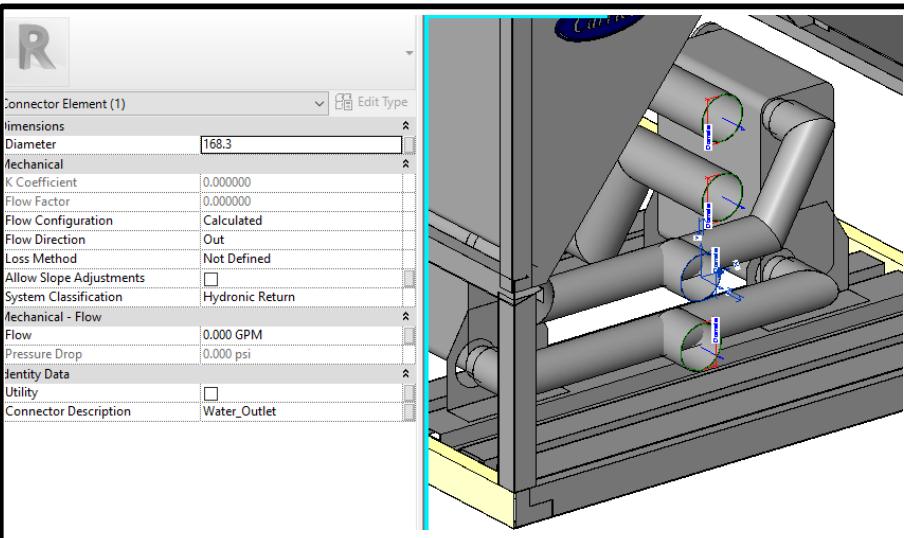
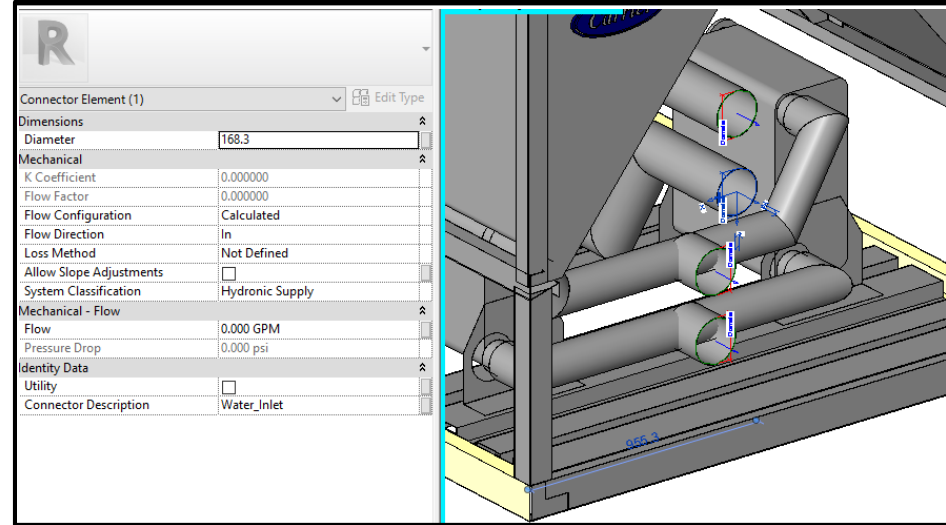
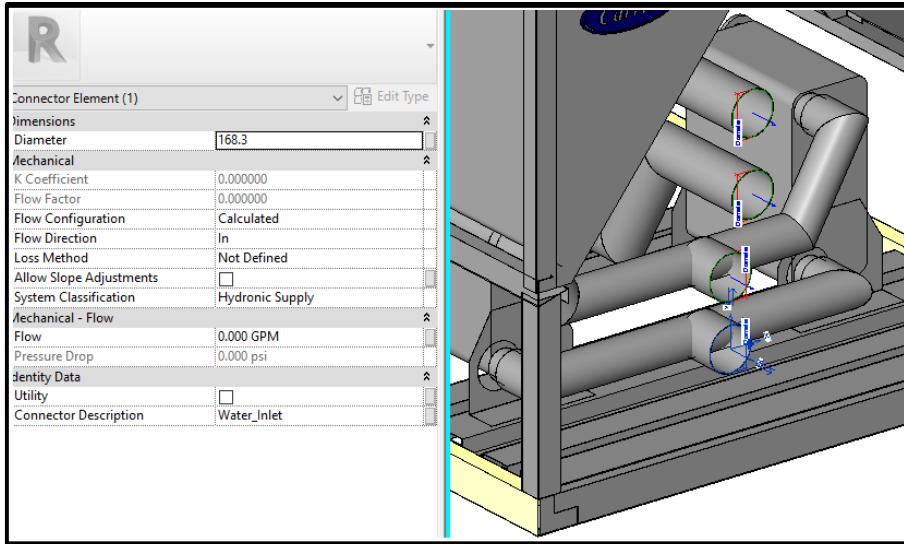
Multiple Families Selected

Connector Element (2) Edit Type

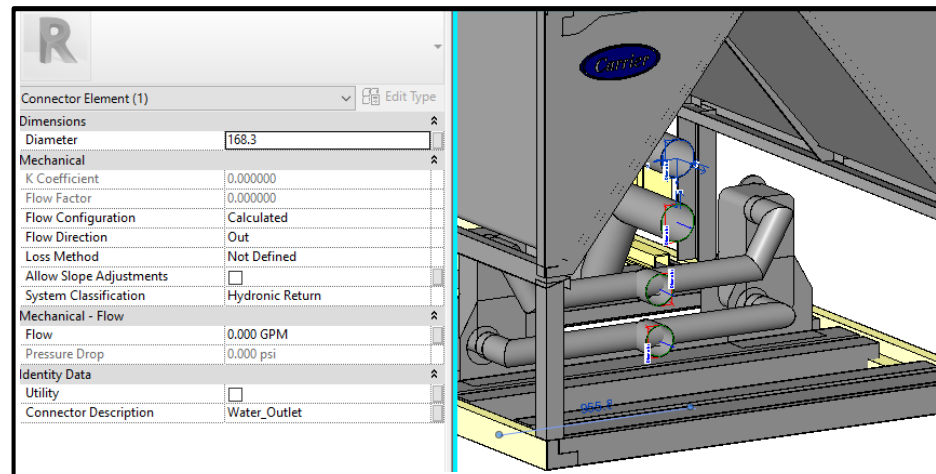
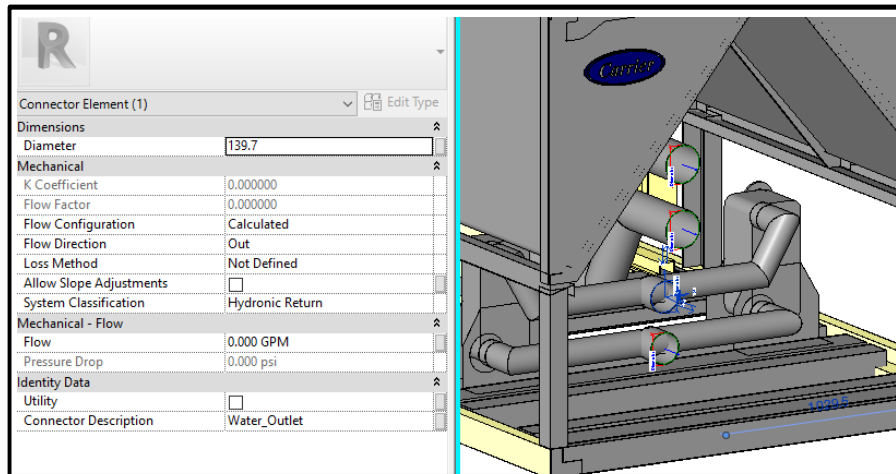
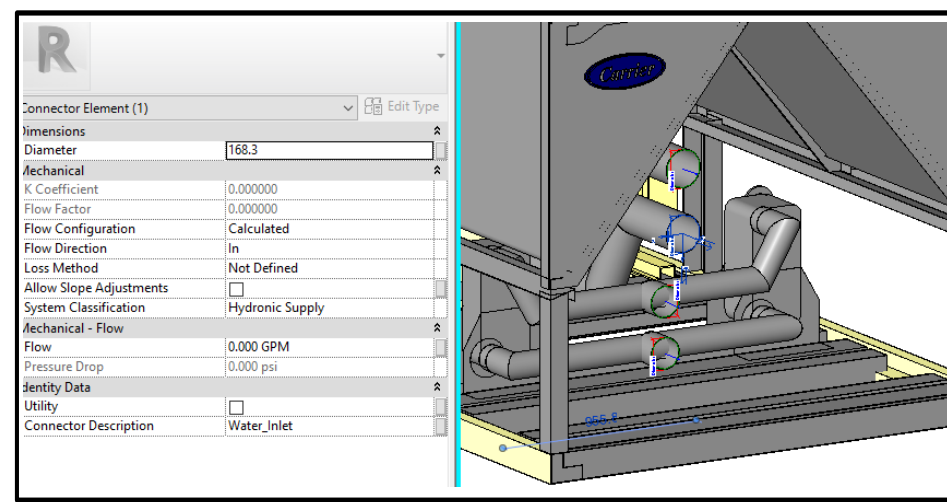
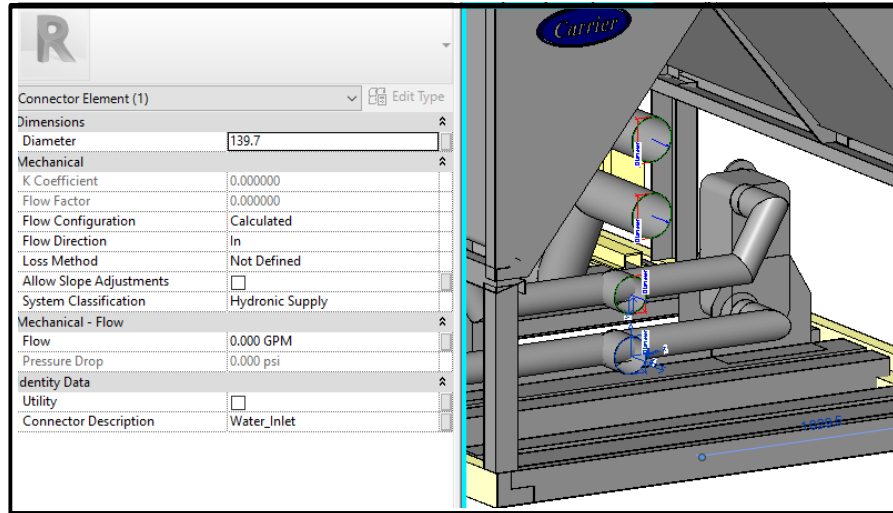
|                         |                          |
|-------------------------|--------------------------|
| Dimensions              |                          |
| Diameter                | 114.3                    |
| Mechanical              |                          |
| K Coefficient           | 0.000000                 |
| Flow Factor             | 0.000000                 |
| Flow Configuration      | Calculated               |
| Flow Direction          | Out                      |
| Loss Method             | Not Defined              |
| Allow Slope Adjustments | <input type="checkbox"/> |
| System Classification   | Hydronic Return          |
| Mechanical - Flow       |                          |
| Flow                    | 0.000 GPM                |
| Pressure Drop           | 0.000 psi                |
| Identity Data           |                          |
| Utility                 | <input type="checkbox"/> |
| Connector Description   | Water_Outlet             |



# Total Heat Recovery (Opt50) + Opt325 Inlet / Outlet



# Partial Heat Recovery (Opt49) + Opt325 Inlet / Outlet



# *Electrical Box Connection*

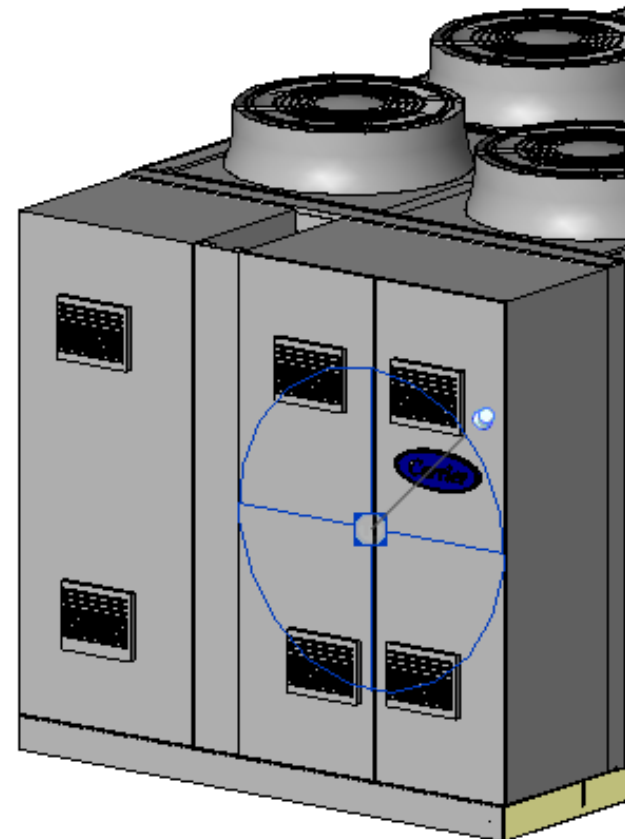
Connector Element (1)  Edit Type

Electrical - Loads 

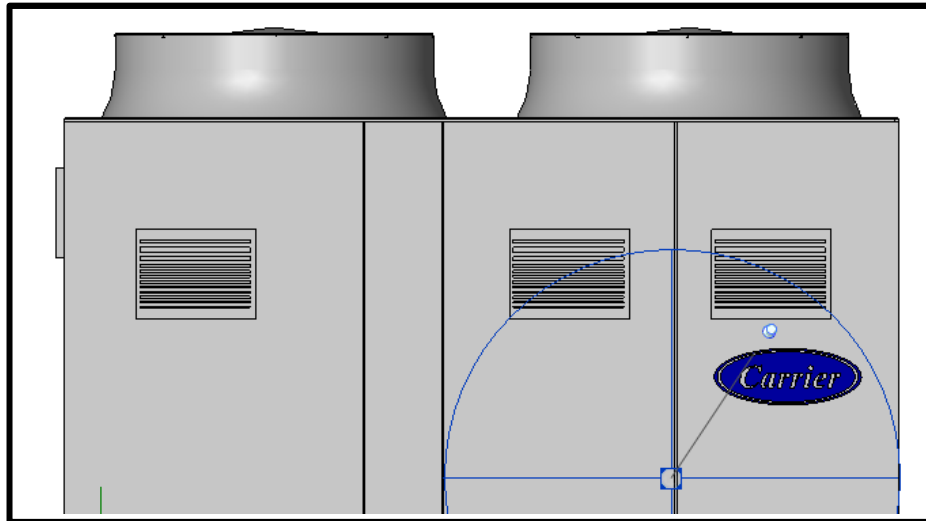
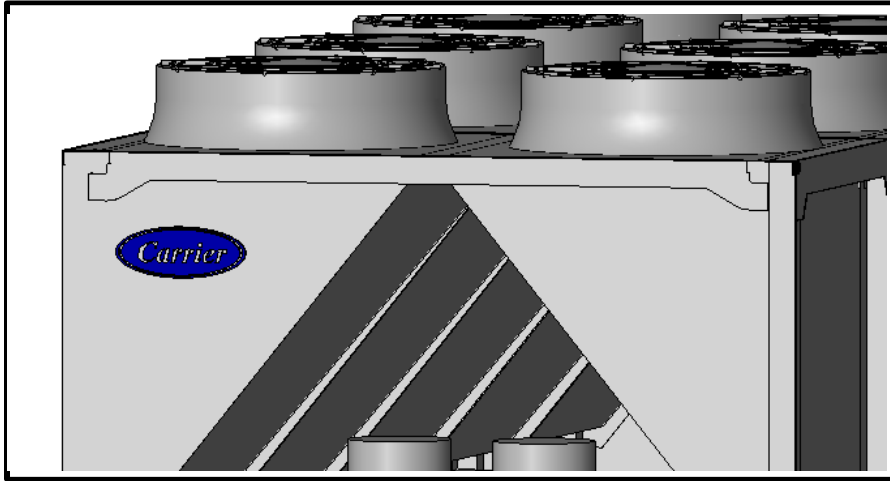
|                               |                          |
|-------------------------------|--------------------------|
| System Type                   | Power - Unbalanced       |
| Number of Poles               | 1                        |
| Power Factor State            | Lagging                  |
| Load Classification           | Other                    |
| Load Sub-Classification Motor | <input type="checkbox"/> |
| 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               | <input type="checkbox"/> |
| Connector Description | Electrical_Box 30KAV 800 |



## *Carrier Logo*



## Техника для климата

Доставляем оборудование по всей России от 3 дней транспортными компаниями. Реализуем проекты в десятках регионов — от Калининграда до Владивостока.

**9600+**

объектов и поставок

**от 1 дня**

отгрузка в транспортную компанию

### Технические данные файла

Документ: Схема Carrier 30KAV/30KAVP, чиллеры с воздушным охлаждением: BIM-модель Revit 30KAV0800 / 30KAVZE0600, 01.2024

Идентификатор библиотеки: LIB-004013

Исходный файл: carrier-30kav0800-30kavze0600-revit-shema.pdf

SHA-256 оригинала: d335a4e83d178959d2c5fa47e9d5d0359d0d1ae7eb604387052f5874112010d0

Постоянная ссылка: <https://iclim.ru/library/carrier-30kav0800-30kavze0600-revit-shema.pdf>

Копия сформирована: 03.10.2026 14:03 UTC