



CONNECT

**Standard Report New Feature –
Using Templates**



KEY2ACT

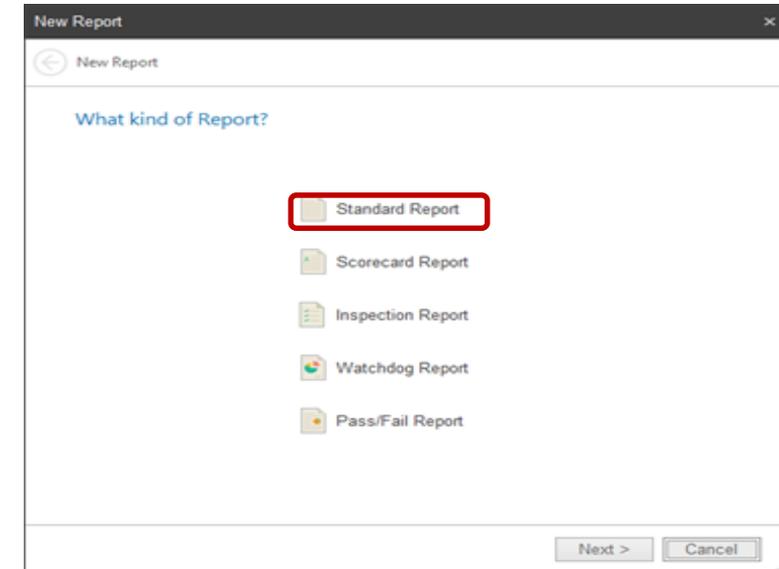
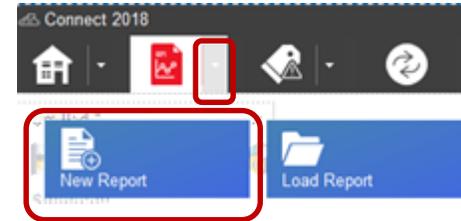
Standard Report using Templates

Templates will provide access to templated creation of Data Filters, Format Expressions and Event Chart Objects in Standard Reports.

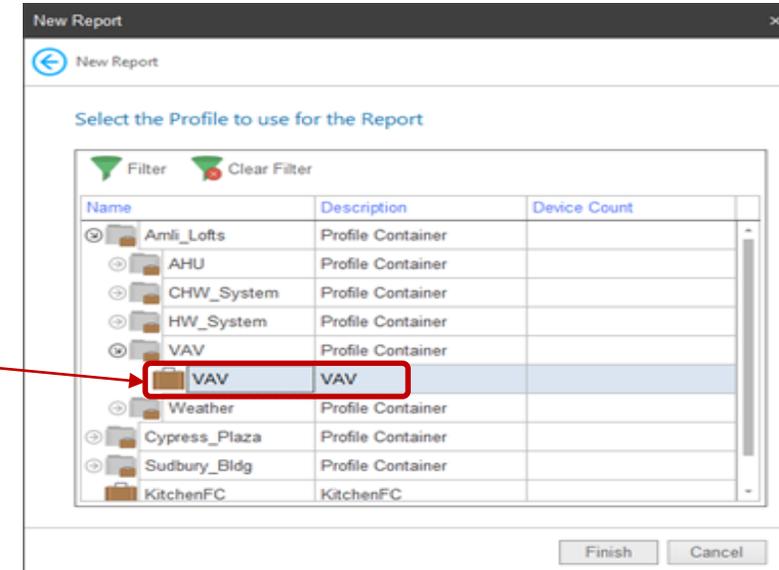
1. Choose the drop-down arrow to the right of the Reports icon.

2. Choose the New Report icon.

3. In the New Report window, choose Standard Report.



4. Choose the profile that contains the templated events that will be used in the report.

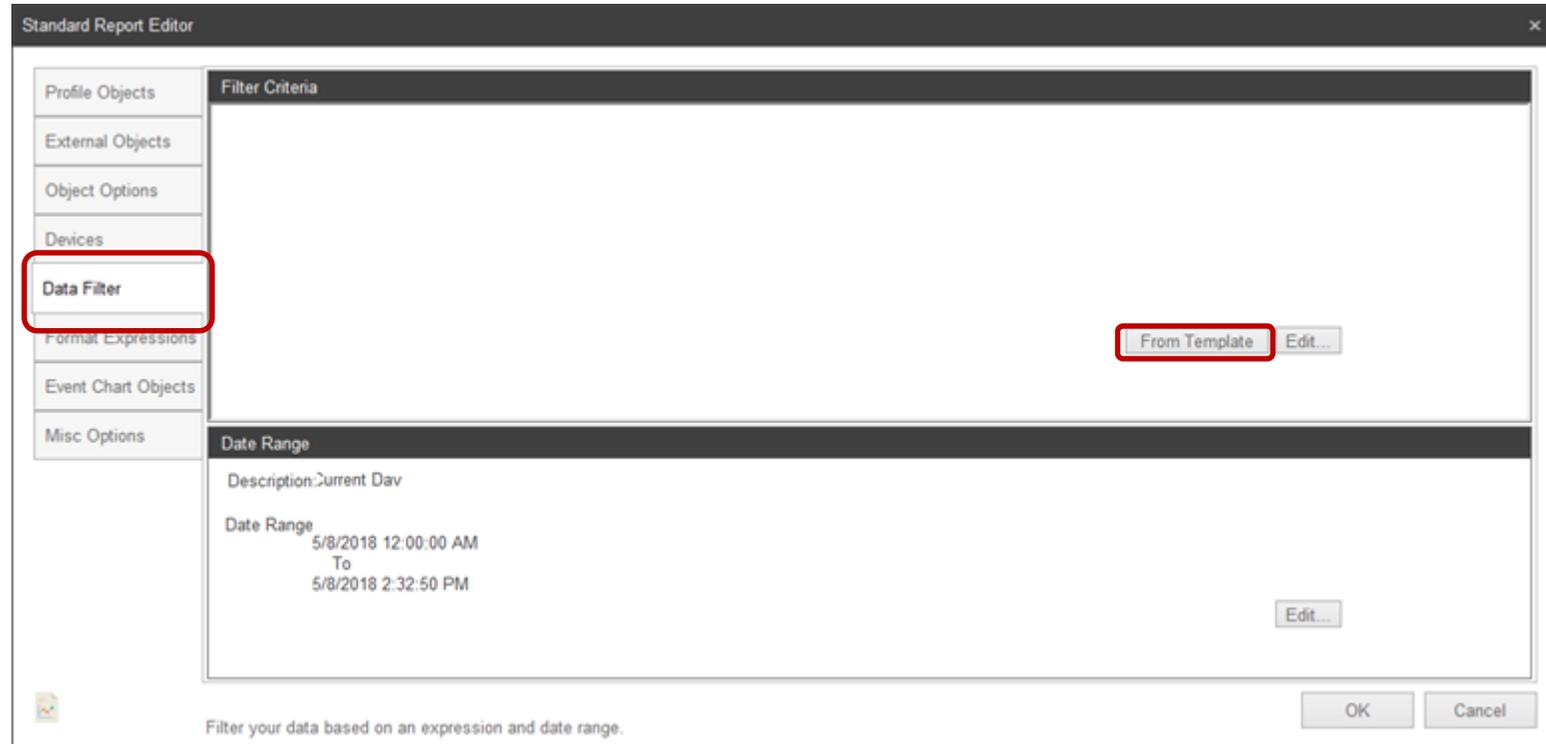


Standard Report using Templates

The Filter Criteria Window

Select the Data Filter Tab.

Select the From Template button



Standard Report using Templates

The Edit Object Window.

Select the desired Data Filters to be applied based on the Templated Events provided from the Profiles associated Watchdogs Event Notifications.

Note the Check All box at the bottom left.

Click Ok.

The screenshot shows the 'Edit Object' window with a 'From Template' tab. It contains a table with two columns: 'Name' and 'Description'. The table lists several rule groups and their associated data filters. A 'Check All' checkbox is located at the bottom left, and 'OK' and 'Cancel' buttons are at the bottom right.

From Template	
Name	Description
<input type="checkbox"/> Setpoint Selection	Rule Group
<input type="checkbox"/> High Occ Cool	Occupied Cooling setpoint is above recommended value.
<input type="checkbox"/> High Occ Heat	Occupied Heating setpoint is above recommended value.
<input type="checkbox"/> High Unocc Cool	Unoccupied Cooling setpoint is above recommended value.
<input type="checkbox"/> High Unocc Heat	Unoccupied Heating setpoint is above recommended value.
<input type="checkbox"/> Low Occ Cool	Occupied Cooling setpoint is below recommended value.
<input type="checkbox"/> Low Occ Heat	Occupied Heating setpoint is below recommended value.
<input type="checkbox"/> Low Unocc Cool	Unoccupied Cooling setpoint is below recommended value.
<input type="checkbox"/> Low Unocc Heat	Unoccupied Heating setpoint is below recommended value.
<input checked="" type="checkbox"/> Space Temperature Control	Rule Group
<input checked="" type="checkbox"/> High Temp	Space Temperature is more than 3 degrees above the effective space temperature setpoint
<input checked="" type="checkbox"/> Low Temp	Space Temperature is more than 3 degrees below the effective space temperature setpoint
<input checked="" type="checkbox"/> VAV Air Flow Control	Rule Group
<input checked="" type="checkbox"/> High Air Flow	Airflow is above Airflow Setpoint.
<input checked="" type="checkbox"/> Low Air Flow	Airflow is below Airflow Setpoint.

Check All

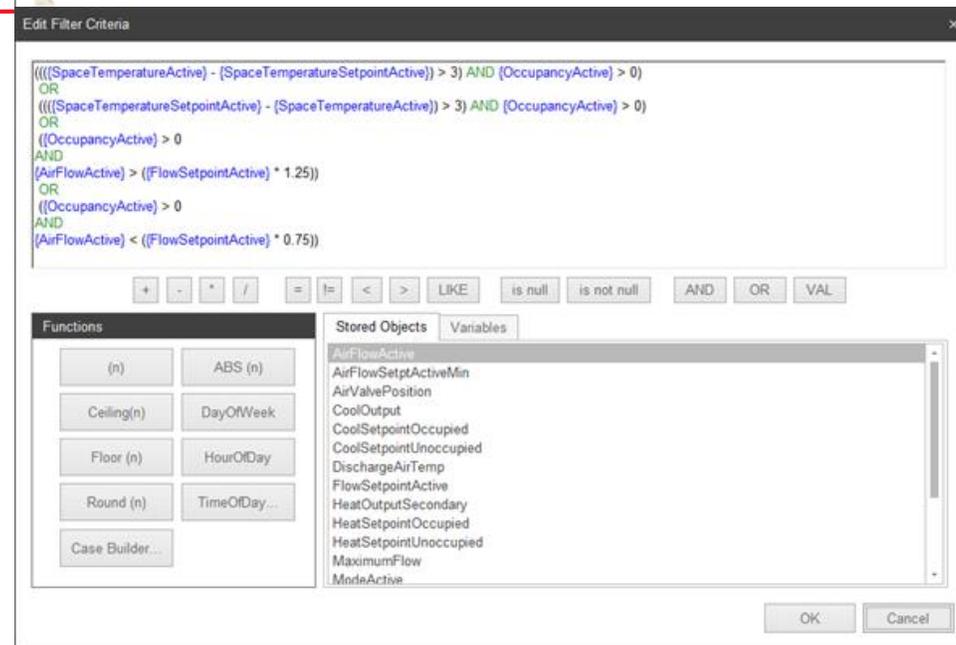
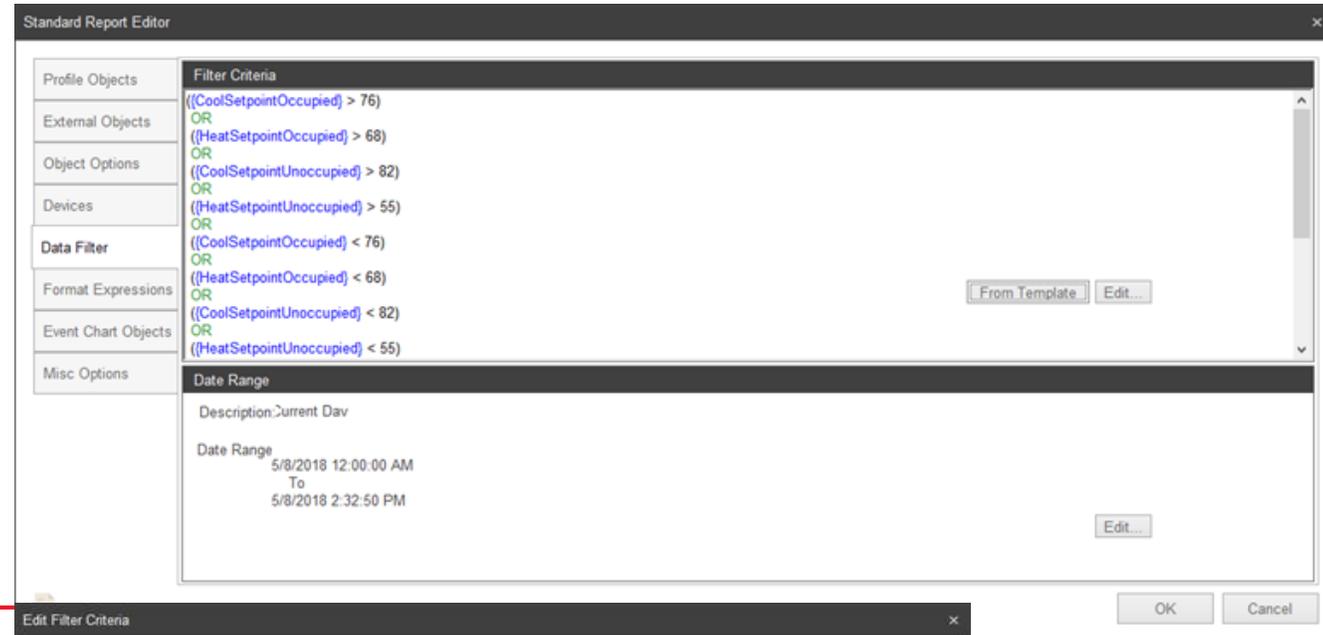
OK Cancel

Standard Report using Templates

The Filter Criteria Window.

The selected Data Filters to be presented. You may edit these Filters by clicking on the Edit button.

The Edit Filter Criteria window opens where you may modify the filters as you wish.



Standard Report using Templates

The Format Expressions Window

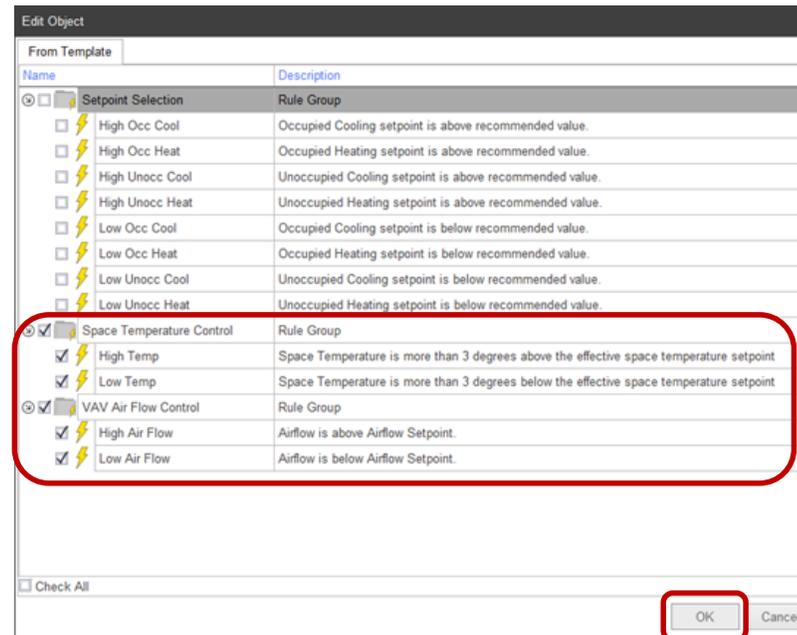
Select the Format Expressions Tab.

Select the Add button



Select the desired Format Expressions to be applied based on the Templated Events provided from the Profiles associated Watchdogs Event Notifications.

Click Ok.



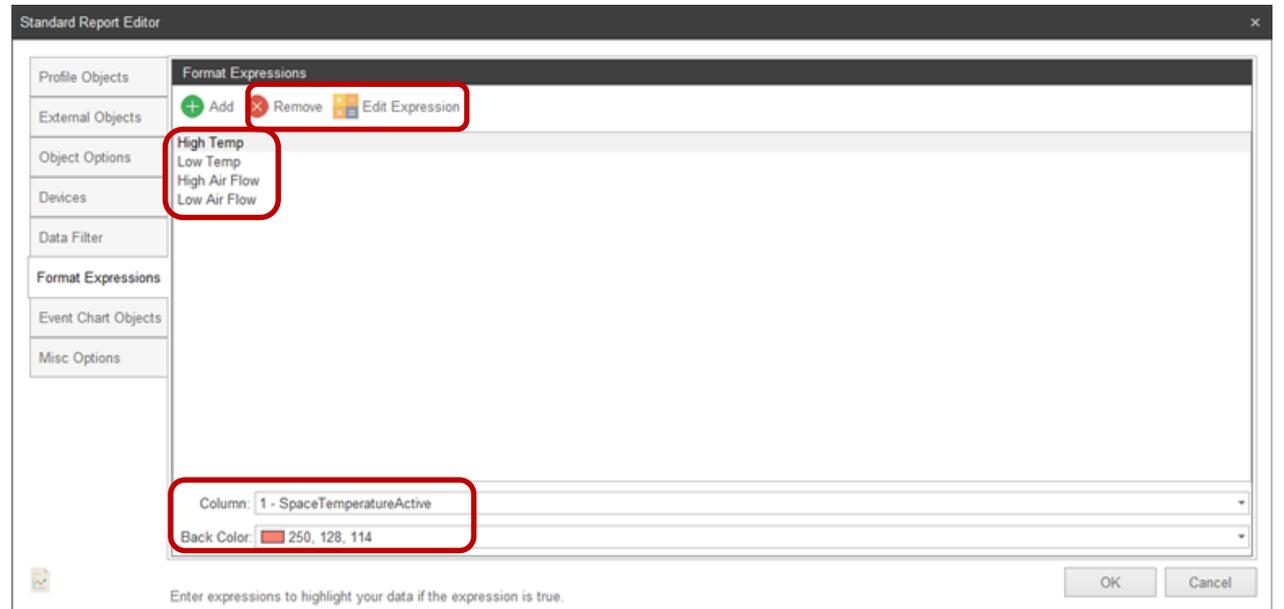
Standard Report using Templates

The Format Expressions Window

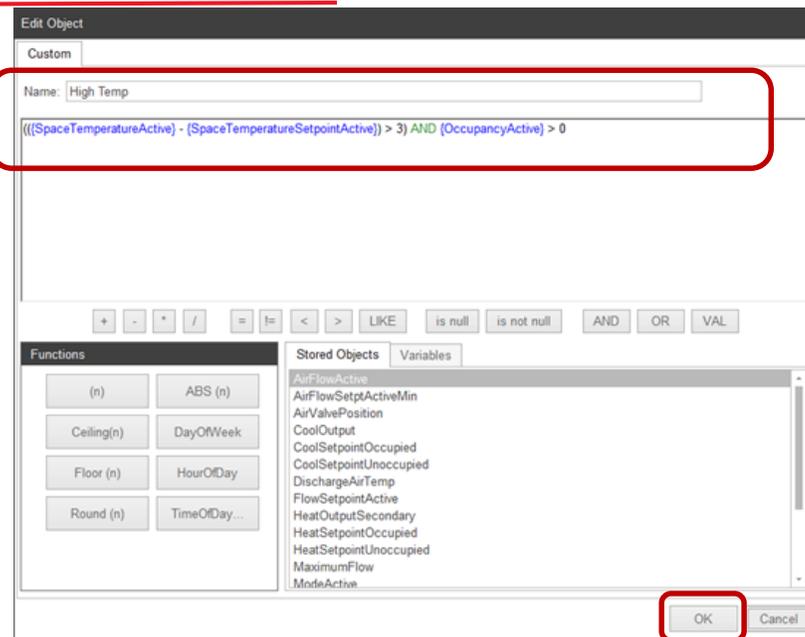
The selected Format Expression names will be listed.

Notice that the Column and the Back Color will be selected for you. Each Format Expression may have different columns and colors provided. You may edit these as you wish.

If you wish to Edit or Remove an Expression there are Remove and Edit expression icons at the top of the window.



Should you select the Edit Expression icon the Edit Object window will open where you may edit the expression any way that you wish.



Click Ok.

Standard Report using Templates

The screenshot shows the Connect 2018 interface. On the left, a 'Group Devices' table is filtered to show only 'Computer_Center_200'. The main table displays data for this device, with columns for Date Time Stamp, Space Temperature Active, Space Temperature Setpoint Active, Air Flow Active, Flow Setpoint Active, Air Valve Position, Discharge Air Temp, and Heat Secc. The table is filtered to show only rows where the Space Temperature is 3 degrees below the setpoint (74) and the Air Flow is less than 75% of the setpoint (904.9). The filtered rows are highlighted in blue.

Date Time Stamp	Space Temperature Active	Space Temperature Setpoint Active	Air Flow Active	Flow Setpoint Active	Air Valve Position	Discharge Air Temp	Heat Secc
5/8/2018 5:05:00 AM	74.99	74	904.9	1723	100	68.04	
5/8/2018 5:50:00 AM	70.65	74	743.8	699.3	34	62.48	
5/8/2018 5:55:00 AM	70.45	74	743.8	699.3	34	62.12	
5/8/2018 6:00:00 AM	70.24	74	741.7	699.3	33	62.75	
5/8/2018 6:05:00 AM	70.16	74	739.6	699.3	33	62.96	
5/8/2018 6:10:00 AM	70.13	74	743.8	699.3	32	63.07	
5/8/2018 6:15:00 AM	70	74	735.3	699.3	32	63.09	

The result of the Data Filter

Occurrences that match the Templated Filters are the only results returned.

The result of the Format Expressions

Columns and rows are colored where the occurrences match the Templated Expressions.

Space Temperature cells are colored blue when they are 3 degrees less than setpoint.

Air Flow cells are colored blue where the Air flow is less than 75% of the air flow setpoint.

Standard Report using Templates

The Event Chart Objects Window

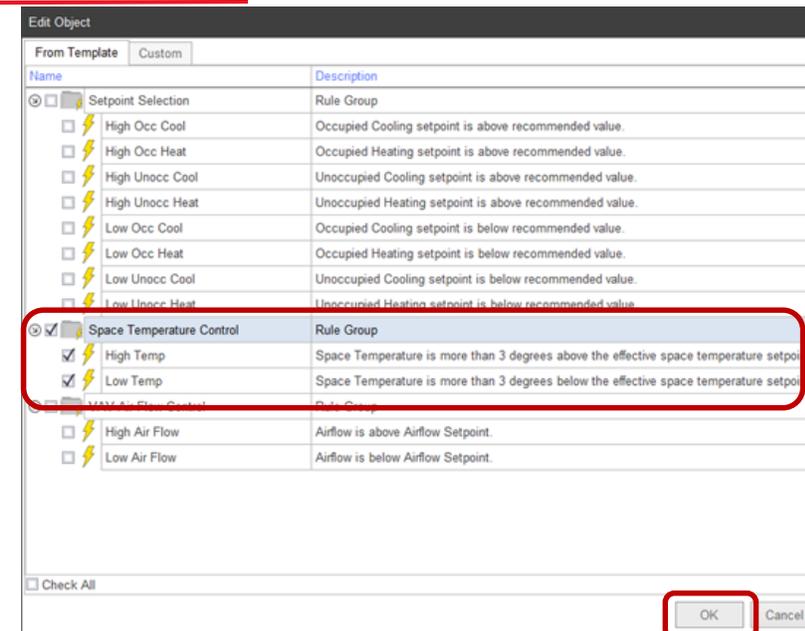
Select the Event Chart Objects Tab.

Select the Add button



Select the desired Event Charts to be applied based on the Templated Events provided from the Profiles associated Watchdogs Event Notifications.

Click Ok.

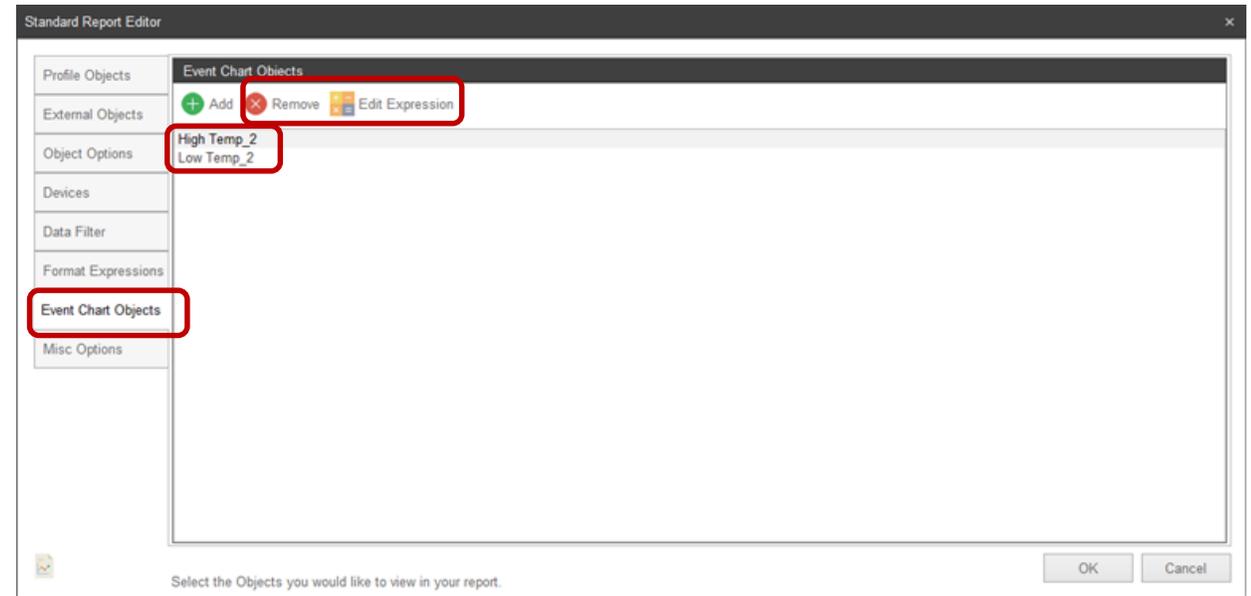


Standard Report using Templates

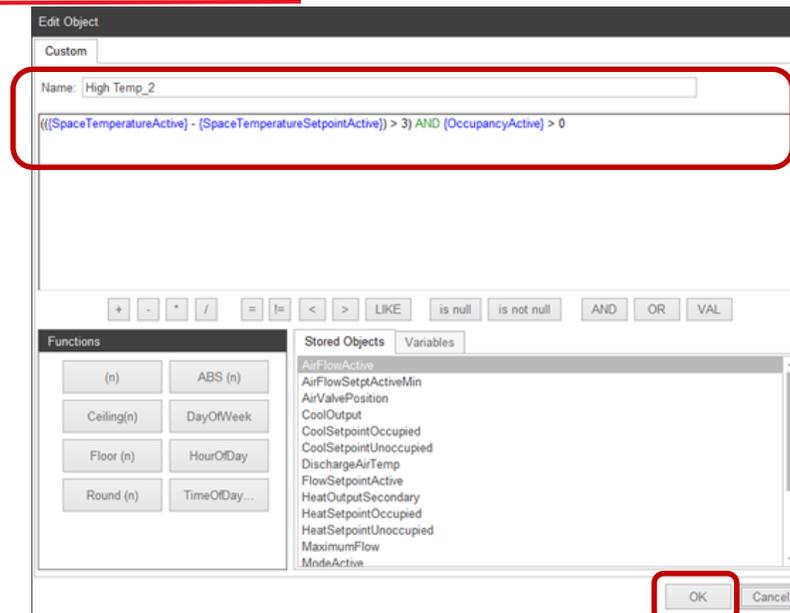
The Event Chart Objects Window

The selected Event Chart Expression names will be listed.

If you wish to Edit or Remove an Expression there are Remove and Edit expression icons at the top of the window.

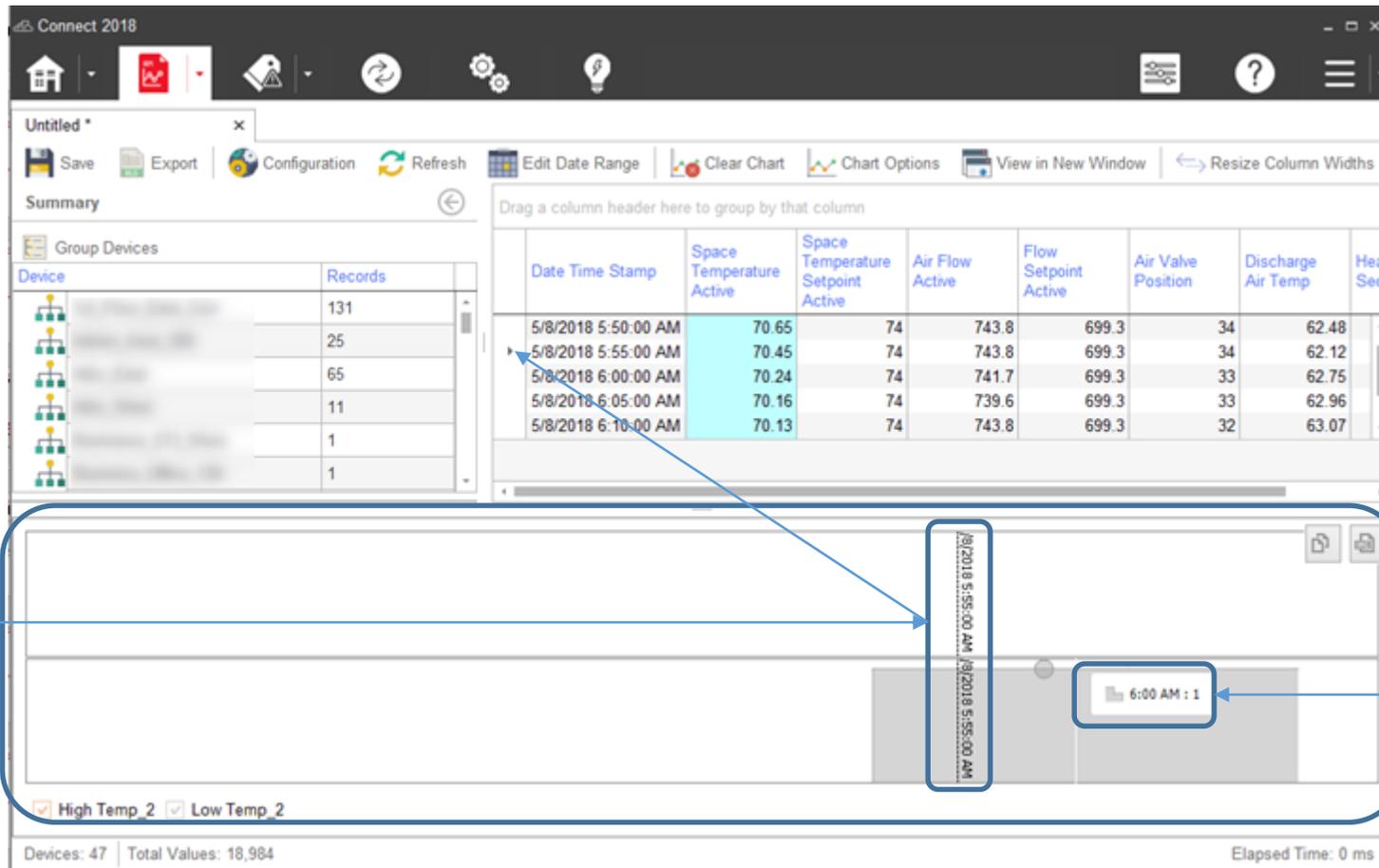


Should you select the Edit Expression icon the Edit Object window will open where you may edit the expression any way that you wish.



Click Ok.

Standard Report using Templates



The result of the Event Chart Expression

A horizontal bar chart appears at the bottom of the screen that visualizes the start and end time of the event as well as the event duration. Notice that the event was a Low Temp_2 event. If you place the pointer click inside the bar the time will be displayed.

If you click inside the bar a vertical time line will be added and the pointer to the left of the rows in the grid pane will identify the row corresponding to that time.



THANK YOU