

What's new in Heat Intelligence

November 2021



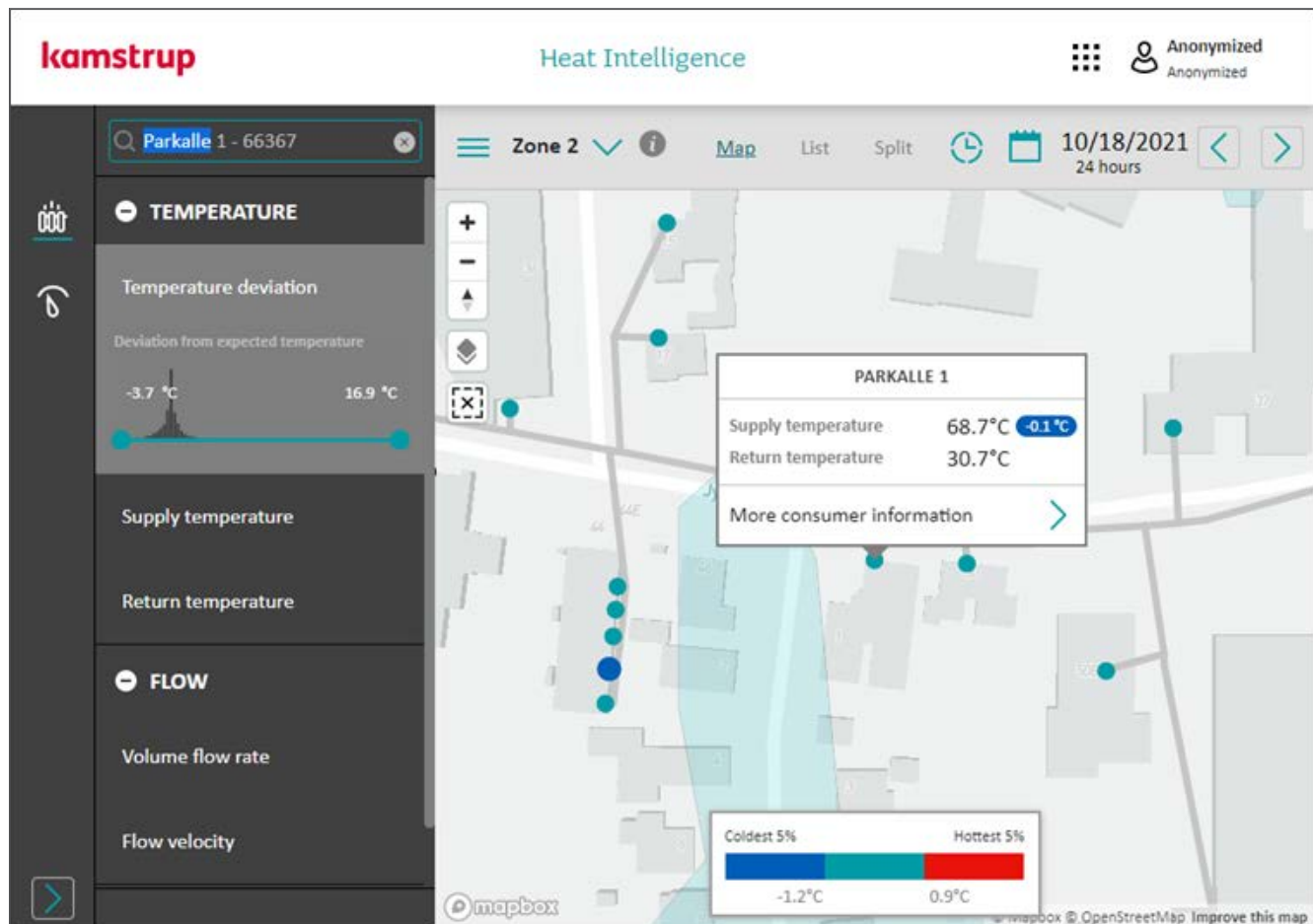
We are pleased to announce that the following new features have been added to Heat Intelligence:

- Quickly finding a specific consumer on the map
- More user-friendly data display
- Select pressure unit
- Easier data filtering
- Data available sooner
- Saving of user settings
- Use case videos

Quickly finding a specific consumer on the map

Looking for a specific consumer on the map? It is now possible to search for an address or a meter serial number to quickly locate a consumer on the map.

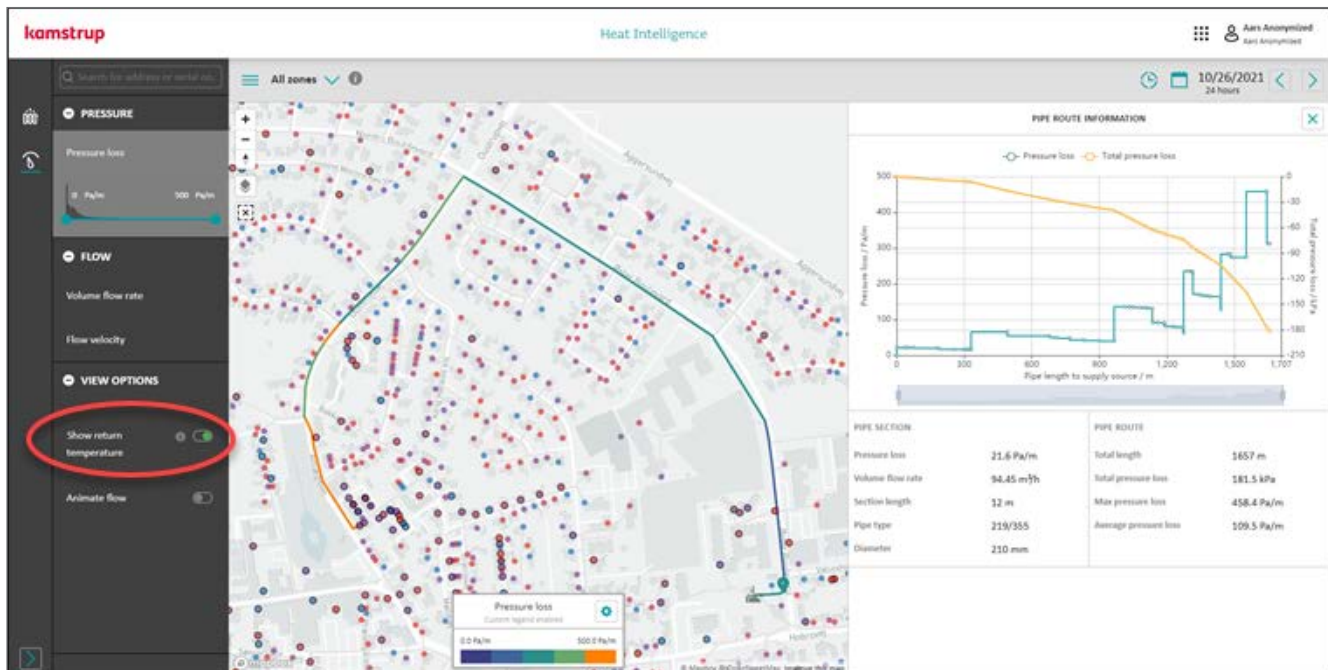
You do not have to worry about your current zone selection as you automatically search within all zones. The map display switches to the area where the consumer is located and opens the info box making it very easy to spot the consumer:



Looking for correlations between return temperature and pressure loss in pipe route

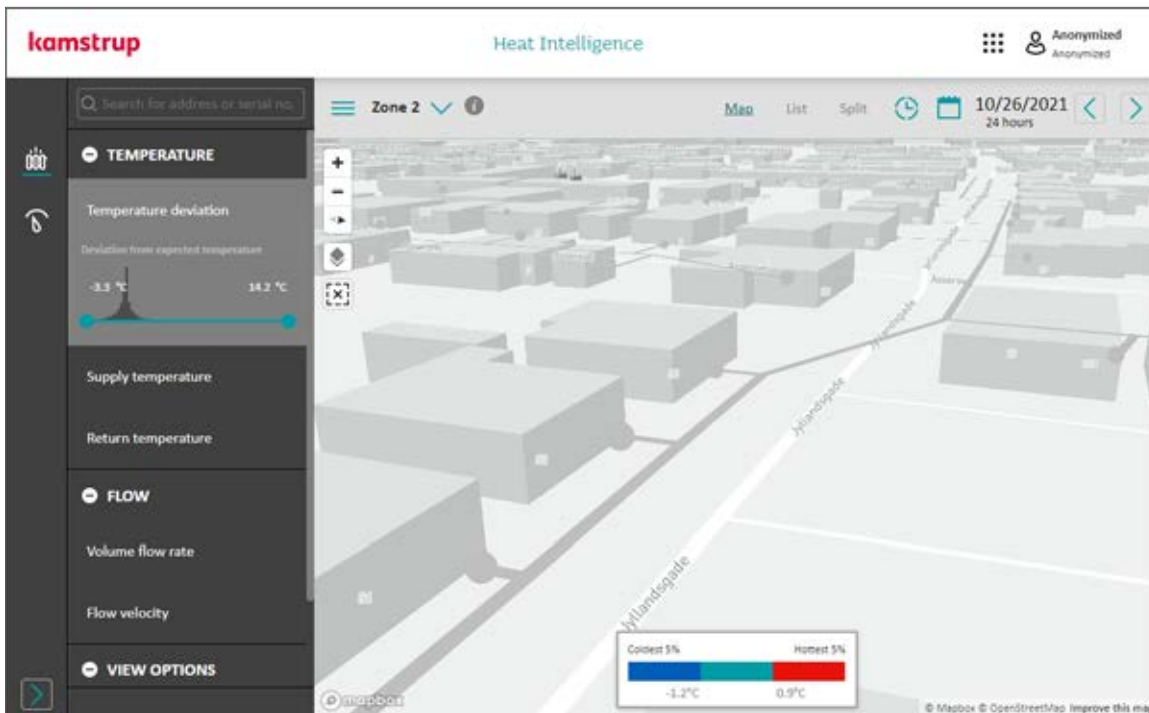
A new feature lets you add information about consumers' return temperatures to the display of pressure loss in pipe routes.

When investigating if a pressure loss issue is due to a consumption problem or a distribution problem, use this feature to check the consumers' return temperatures along the pressure loss route and look for correlations:

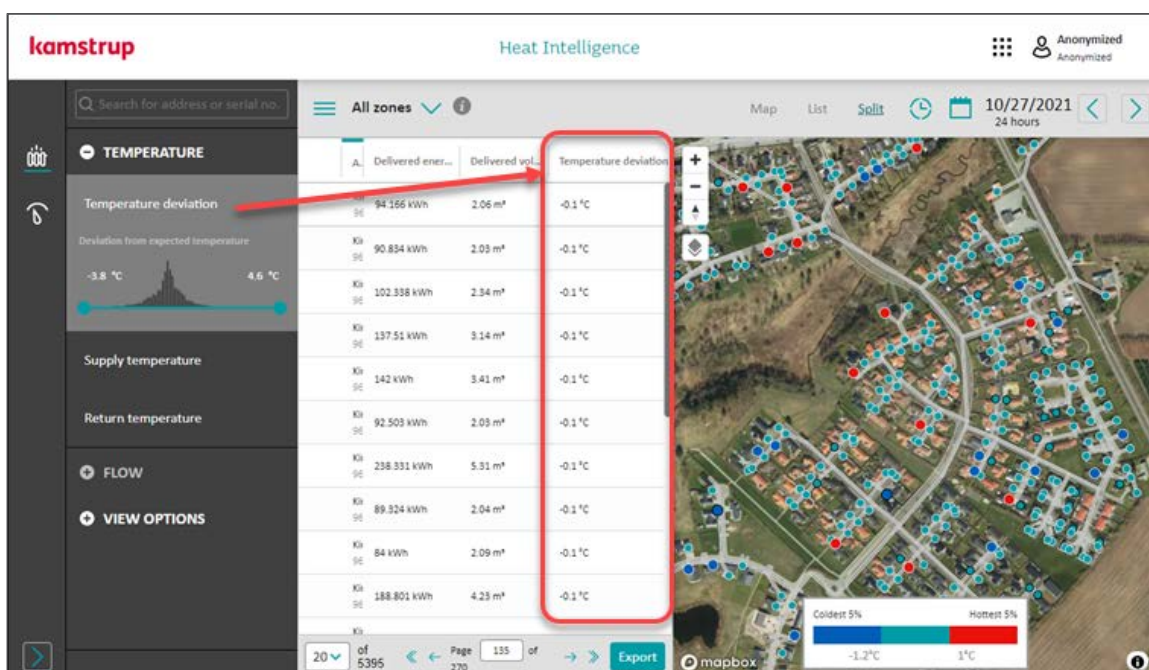


More user-friendly data display

You no longer need to open the consumer info box to see house numbers. When you zoom in, they are now visible on the map. Furthermore, a new option for rotating and tilting the map to a side view is now available:

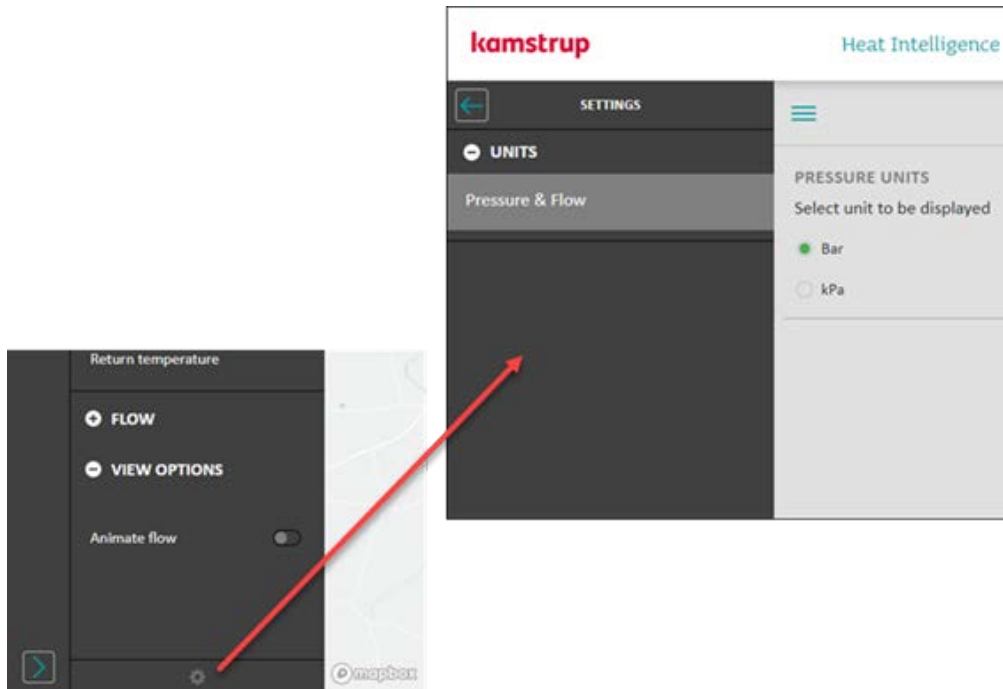


In split view, the last column in the list now changes to display either temperature deviation, supply temperature or return temperature depending on what you select in the menu:



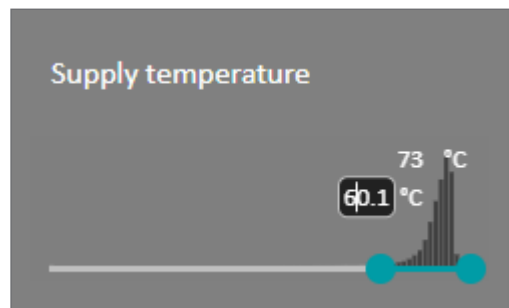
Select pressure unit

You can now choose to display pressure values in bar instead of pascal. Simply select the unit you prefer:

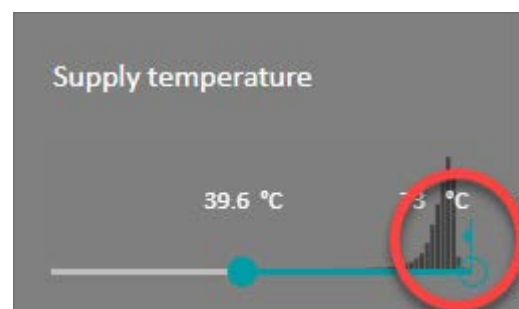
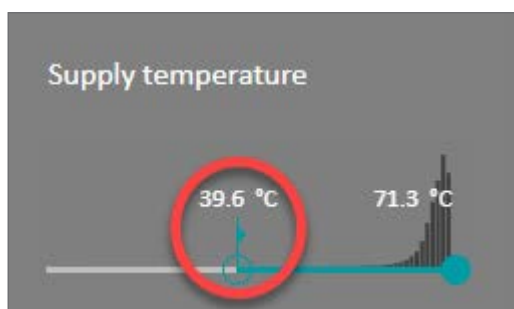


Easier data filtering

It is now possible to quickly set a precise value interval by clicking the number above the filter slider and entering the exact number you want:



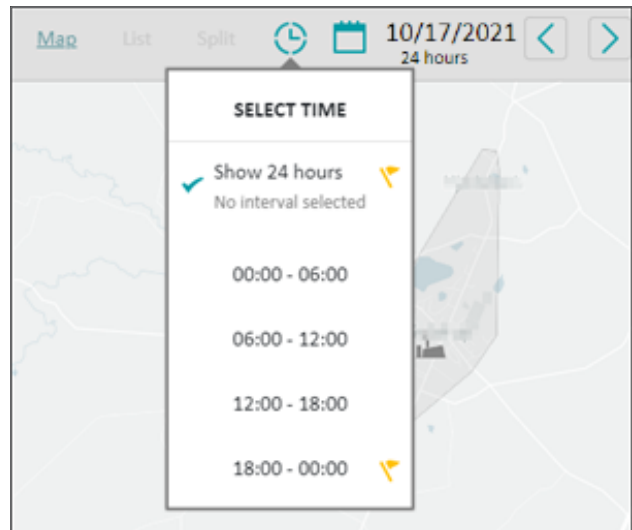
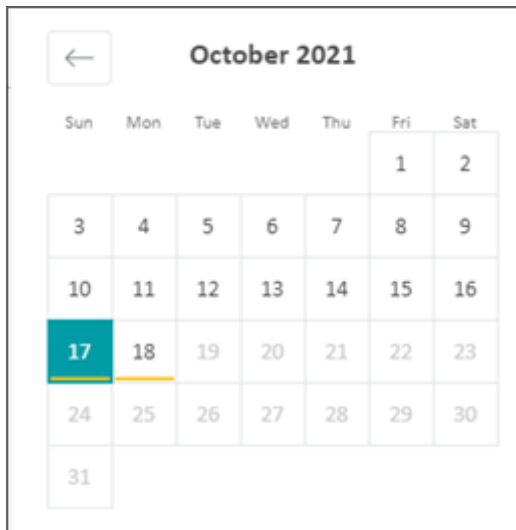
Furthermore, to increase clarity, a direction indicator appears when you click the left and right sliders:



Data available sooner

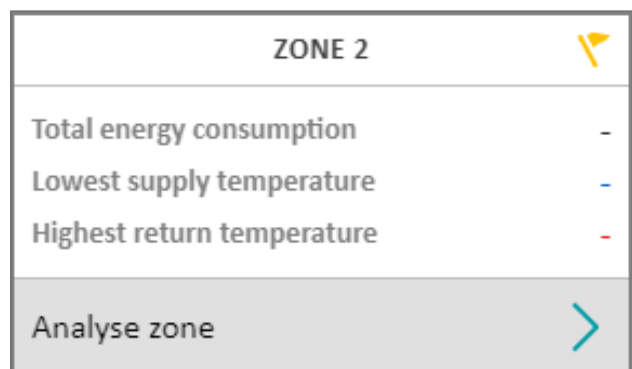
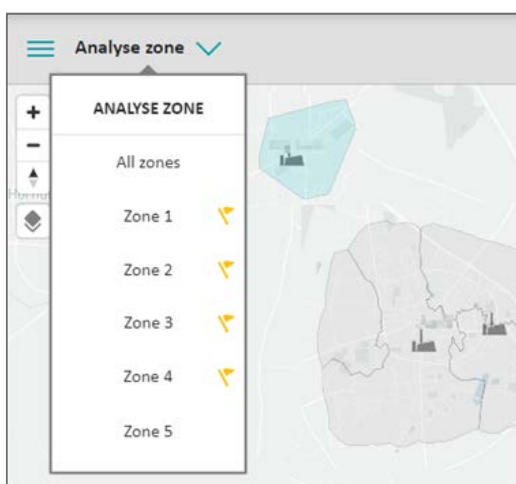
Instead of calculating data on a daily basis, data calculations are now made 4 times each day. This makes it possible to make some time intervals for a given date available sooner.

In the example below, data are available for the first three time intervals on the selected date and the last one (yellow flag) is not yet available:



Furthermore, calculations are now made per zone, which means that data are made available per zone instead of waiting for all zones to be calculated.

On the map, the zone turns blue when the calculations for this zone have been completed. Zones for which calculated data are not yet available are indicated with a grey colour and a yellow flag:



Troubleshoot missing data

Collection of readings from your consumers' meters is a prerequisite for Heat Intelligence to work. This means that if data are not collected in your reading network, Heat Intelligence is not able to calculate data and display them.

In Heat Intelligence, you are now able to display meters with no readings. So, for example, if data are not calculated for a given zone, you can select the zone and see the list of meters with no readings in this zone:

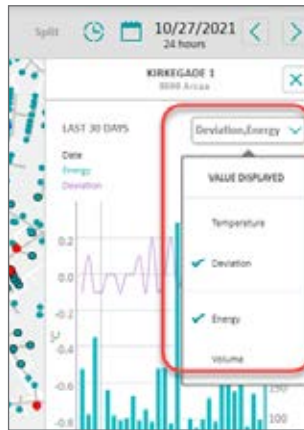
The screenshot shows the Kamstrup Heat Intelligence interface. On the left, there is a sidebar with navigation options: TEMPERATURE, TEMPERATURE deviation (with a slider), Supply temperature, Return temperature, FLOW, and VIEW OPTIONS. Under VIEW OPTIONS, the 'Show meters with no readings' toggle is turned on and circled in red. The main area displays a table for 'Zone 2' as of 10/25/2021 at 24 hours. The table has columns for Address, Delivery, Temperature, Avg. sup., Avg. retu., and D... The table lists 13 meters, all of which have missing data (indicated by dashes) and a location pin icon.

Address	Delivere...	Delivere...	Tempera...	Avg. sup...	Avg. retu...	D...
Kirkegade 1 9999 Arstø	-	-	-	-	-	6764 MUC
Kirkegade 1 9999 Arstø	-	-	-	-	-	6707 MUC
Kirkegade 1 9999 Arstø	-	-	-	-	-	6898 MUC
Kirkegade 1 9999 Arstø	-	-	-	-	-	6157 MUC
Kirkegade 1 9999 Arstø	-	-	-	-	-	6792 MUC
Kirkegade 1 9999 Arstø	-	-	-	-	-	6847 MUC
Kirkegade 1 9999 Arstø	-	-	-	-	-	6844 MUC
Kirkegade 1 9999 Arstø	-	-	-	-	-	7153 MUC
Kirkegade 4 9999 Arstø	-	-	-	-	-	7109 MUC
Kirkegade 4 9999 Arstø	-	-	-	-	-	6774 MUC
Kirkegade 5 9999 Arstø	-	-	-	-	-	6703 MUC
Kirkegade 9 9999 Arstø	-	-	-	-	-	6873 MUC

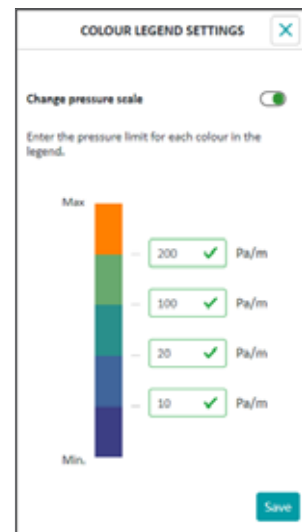
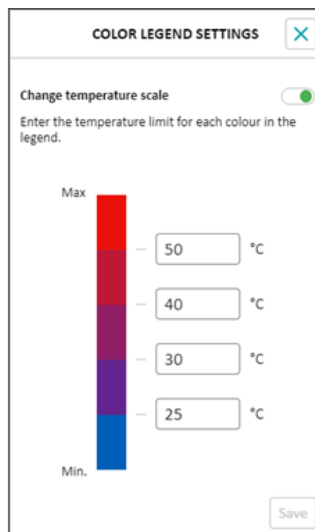
Saving of user settings

Heat Intelligence now remembers the following settings when you log in with the same user login:

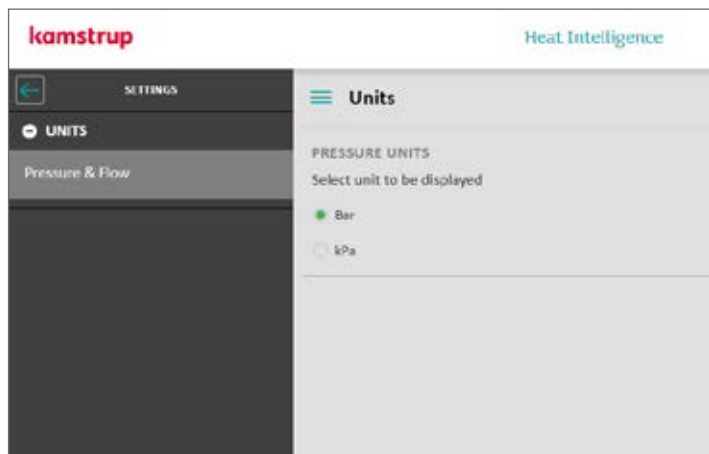
- Selection in drop-down box in side panel:



- Colour legends for temperature and pressure:



- Selected unit of measurement for pressure:



Use case videos

You may also be interested in our new use case videos on supply and return temperatures. You can find them on YouTube:

https://youtube.com/playlist?list=PLkonD4GVSJPDhVqntZBm_KLRqwsKjimpX

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