

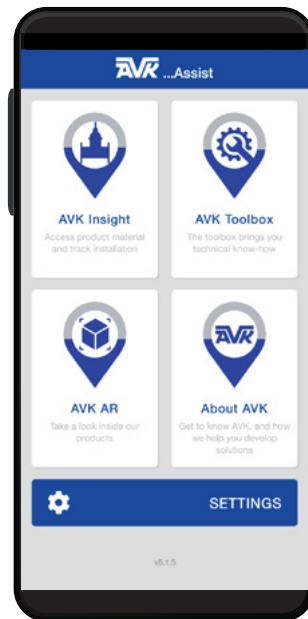
AVK ASSIST APP
TAKE CONTROL OF YOUR
CRITICAL ASSETS

Expect... **AVK**



THE SMART WAY

Take full control of your critical assets with the AVK Assist app. You can record, track and identify exactly where all your assets are installed.



AVK Assist is a free app aimed at gas and water network engineers. Key elements of the app are AVK Insight and AVK Toolbox which help track the installation quality and GPS location of assets and simplify technical calculations.

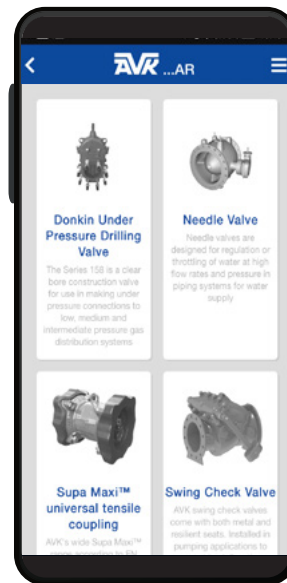
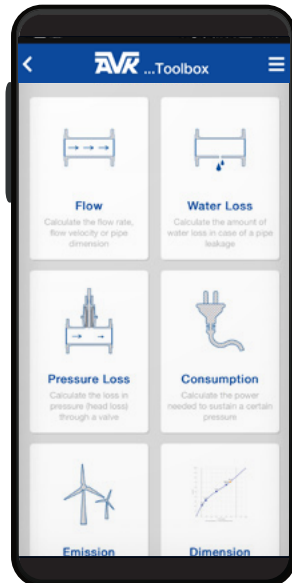
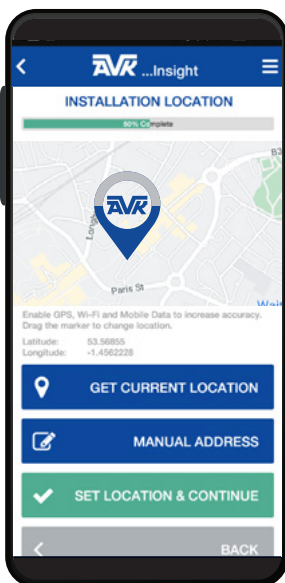
Network management and asset mapping are two key subjects highlighted as ongoing issues in most utility strategies. AVK Assist can make a major contribution on the journey towards a resolution and it can simplify calculations of flow, water, pressure loss, CO2 and power consumption.

Download

AVK Assist is available for download on App Store and Google Play.



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AVK INSIGHT



AVK Insight mobile app is a complete installation tracker and asset management system using a QR code platform to enable full traceability of your assets.

Get full traceability of your assets

Each installed valve has a unique GPS pin location, and when combined with a photo of the installation, it provides a complete, accurate and auditable record of every valve you have installed.

Confidential installation data of ALL assets

The use of AVK Insight is not limited to AVK valves and can be used to track and manage all assets.

Installation data is confidential to the customer and can be exported in formats that allow integration with existing mapping systems.

Get free account

To access AVK Insight and the dedicated web portal, an account needs to be created by our technical team

Please send mail to assist@avk.dk to get your free AVK Insight account.



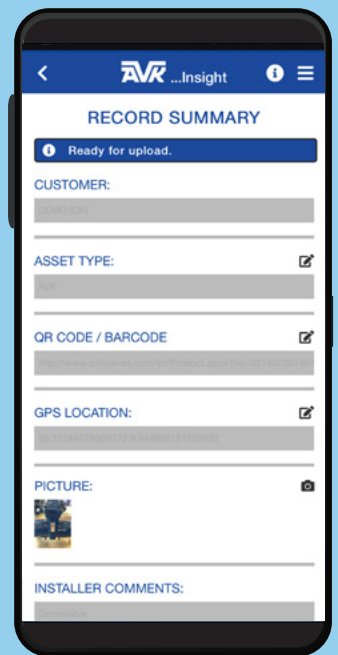
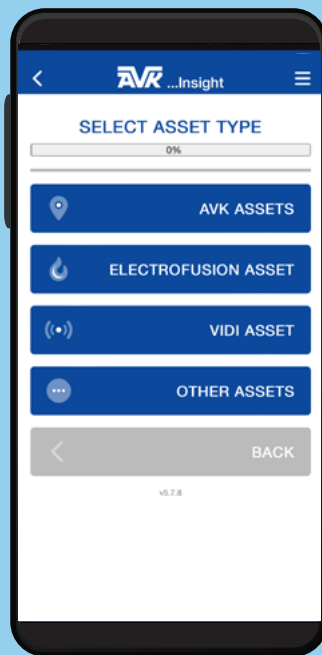
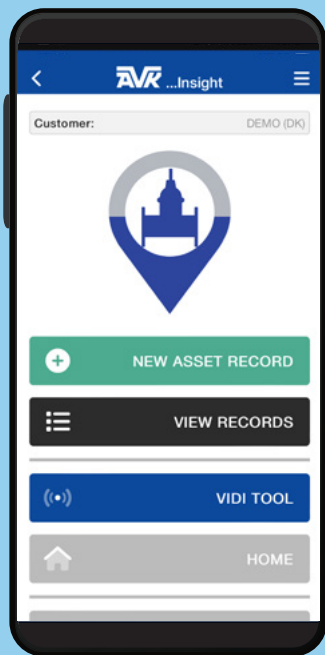
SCAN
QR CODE



SET
LOCATION

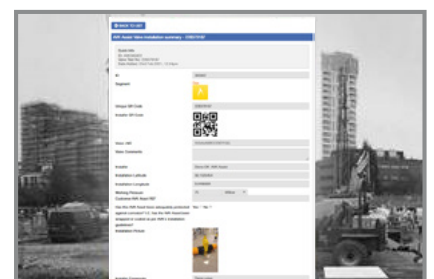
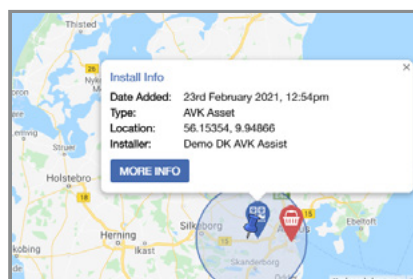
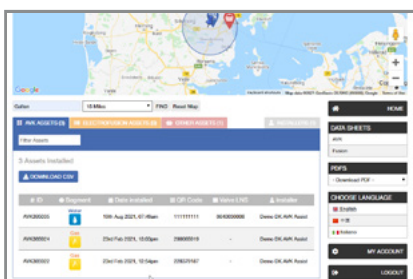
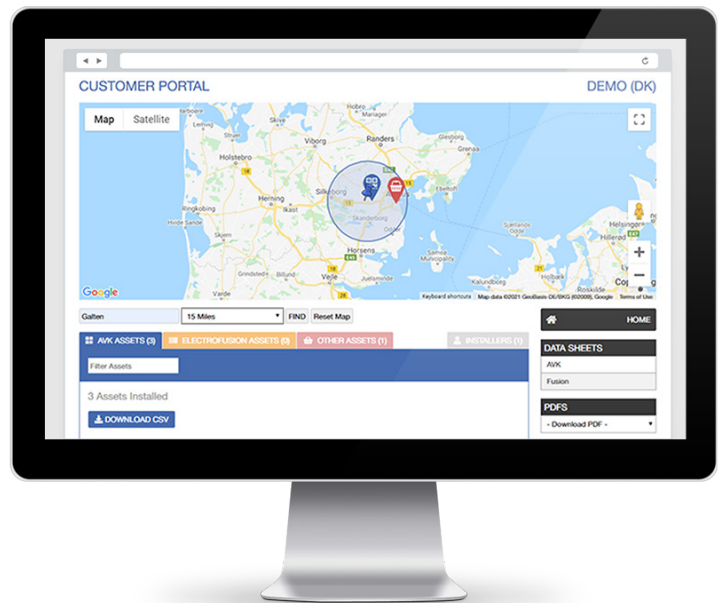


TAKE
INSTALLATION PICTURE

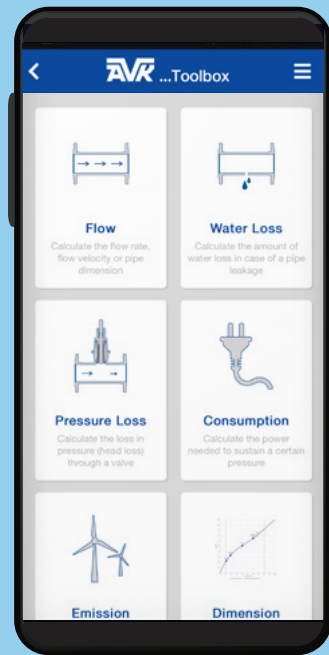


AVK Insight customer portal allows complete control of all aspects of the asset management system. It can be accessed from any device with an internet connection, and users can:

- search on locations to see if any assets are recorded
- get a quick overview of whether assets are from AVK, FUSION or other suppliers
- see valve location on a map and a list of installation details
- view the quality of assets, via photographs
- export data collected using common file formats to integrate into existing mapping (GIS) systems
- create their own users
- add installers
- get access to further information



AVK TOOLBOX



Dimension calculator

The Dimension calculator is an online control valve sizing tool providing guidelines for the product selection of AVK control valves. By considering upstream and downstream pressure and the flow, it ensures correct sizing of your control valve.

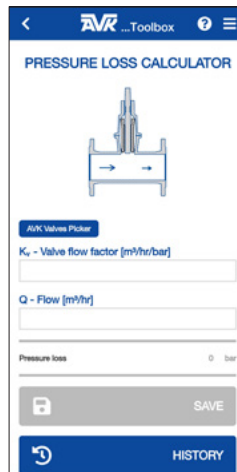
AVK Toolbox provides a set of tools that simplify the calculation of technical, energy and environmental key variables. The following calculation functions are included in AVK Toolbox:



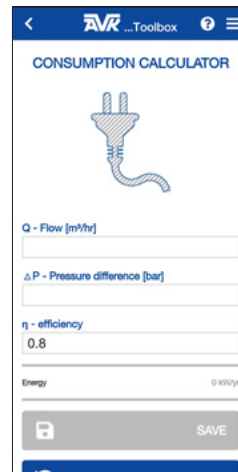
Flow calculator has three variables: DN class, flow velocity and flow rate. Know any two, and the flow calculator will provide the third for you.



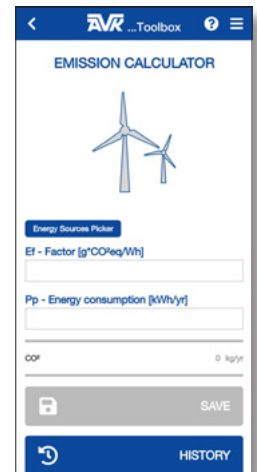
Water loss calculator indicates the volume of water to be lost as a consequence of a leak. Only two variables are needed: pressure in the pipe and diameter of the hole through which the water is escaping.



Pressure loss calculator determines the pressure loss in a valve for a given flow rate. Only flow rate and valve flow factor (Kv-value).



Power consumption calculator gives you the power consumption in kWh/year based on flow rate, pressure difference and efficiency grade of the pump.



Emission calculator calculates CO2 emission stemming from the power consumption at a given energy source.

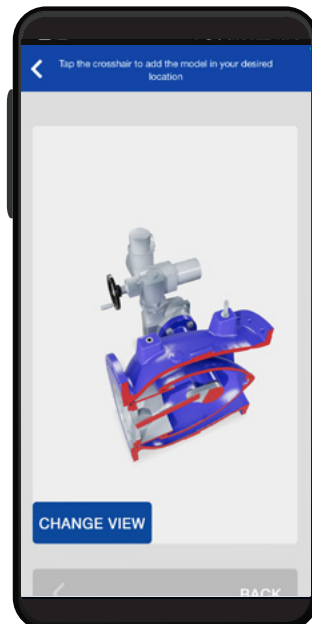
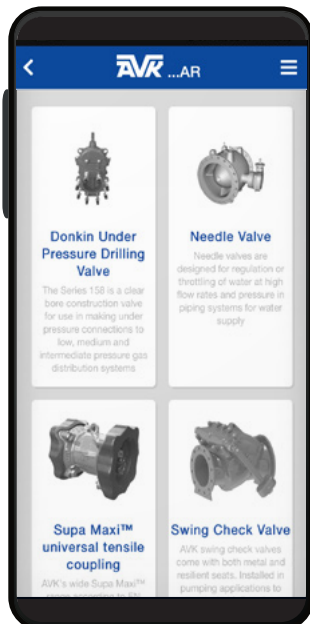
AVK AR AND ABOUT AVK



Sections for AVK AR and About AVK are part of the app

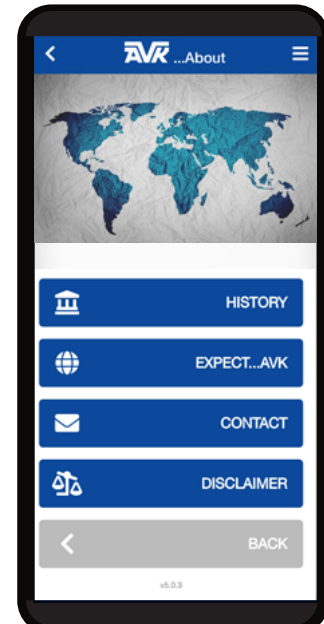
AVK AR

AR and 3D modelling are increasingly important within all fields of engineering. AVK Assist includes an AR section, where augmented reality can be used to have a look inside AVK products. This section is in development and currently with a limited selection of products.



About AVK

The app also provides access to a global locator of our AVK facilities, so you can easily locate where to get hold of AVK support. Contact details of all AVK sites across the world are included.



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Expect... **AVK**