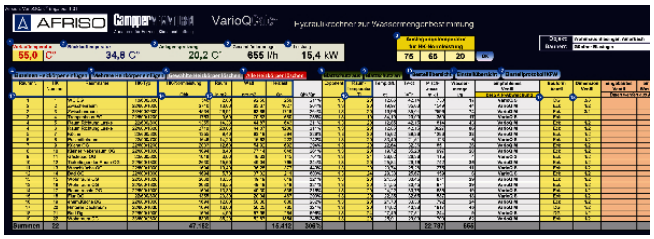

calculation software

benefits

- Calculation software for hydraulic balancing
- fast, easy calculation without knowledge of the pipe system
- valve selection with ordering and adjustment list
- Easy operation, MS Excel as software basis
- direct data transmission to handheld measuring instrument HMG 10

Application

Calculation software for hydraulic balancing. Determination of the required optimum water volume, system spread and selection of the VarioQ valves needed for all individual radiators for optimisation of the flow temperature and the pump capacity in heating systems. Implementing the optimisation calculated with VarioQCalc results in a continuous, permanent condensing effect.

Description

VarioQCalc is based on MS Excel so that it is very easy to use without requiring any special knowledge. Only the flow temperature of the system, the radiator capacity and the heat requirements of the rooms to be heated are needed as a basis for the calculation. Ideally, the heating load is recalculated or determined via the room sizes using reference values. Considering incorrectly rated radiators (too small or large), it precisely determines the required water volume per radiator, selects the suitable VarioQ valves, generates adjustment recommendations and creates an order list for purchasing from your wholesaler.

The calculated individual spread of the radiator as well as the spread of all radiators together (system spread) allows the heating system professional to determine the extent to which the potential of the boiler is used. The system can be optimised in addition to hydraulic balancing by means of changing the flow temperature: The effects on total spread, spread of the radiators and total volume flow become immediately visible.

The calculated water volume and adjustment recommendation per radiator can be directly transmitted to the handheld measuring instrument HMG 10 (USB) for adjustment of the valves. Measured values can be returned for documentation and certification purposes.