Automatic heat distribution

Alpha direct Balance base station · https://faqdoc.info/en/systemauswahl/alpha-direct-en/alpha-direct-balance-base-station/automatic-heat-distribution/

How does automatic hydraulic balancing work?

The heating requirements of the various circuits are picked up by the algorithm, which distributes the opening times of the thermal actuators evenly over a fixed period of time. As a result, all circuits are supplied with adequate heat, even in systems that are NOT hydraulically balanced, because not all circuits are supplied simultaneously. This method only works in systems such as panel heating that are slow to react.

You can find detailed information on automated hydraulic balancing and government funding schemes in the chapter Automatisierter hydraulischer Abgleich