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HIU flexUFH

The flexible solution for every heating situation

- HERZ HIUs are designed for minimal space requirements, fully assembled as a single unit in our own production facility, and rigorously tested for leakage.
- Decentralized hot water production ensures superior comfort while maintaining optimal water hygiene.
- Available in two versions (short and long with underfloor heating distributor), they offer flexibility for various installation needs.
- A reserve connection set is available for bathroom radiators, and the installation box supports the connection of up to 10 heating circuits, providing a highly adaptable heating solution.

Application

Ideal for supplying floor heating systems with heating loads up to 12 kW. Depending on the requirements, the product is available with or without an integrated stainless steel distributor (short or long version), allowing for up to 10 heating circuits to be supplied.

Heat exchanger

Copper-brazed, asymmetric stainless steel plate heat exchanger.

Mixer with internal thermostat

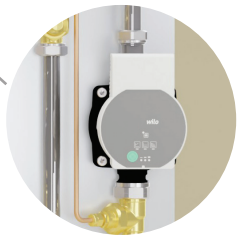
For fixed-value control between 20 - 42 °C, independent of the ambient temperature.

HERZ Differential Pressure Control Valve

Primary side: adjustable between 25 - 60 kPa
Secondary side: fixed pre-set.

HERZ Pressure Temperature Controller

For the central control of the hot water temperature with integrated priority hot water switching.



Circulating pump

Speed-controlled circulating pump and a safety thermostat (bimetallic thermostat switch) provide a smooth heating water cycle at all times.

Technical data

Flow temperatures:	55 - 85 °C
Flow temperatures for the UFH:	20 - 50 °C
Min. drinking water flow pressure:	2,8 bar
Flow rate (depending on supply temperature):	11 / 15 / 18 / 22 l/min
Max. operating pressure (station):	10 bar
Max. heating power:	12 kW at 7 K
Empty weight:	17 kg
Connection:	MT ¾“ flat sealing
Reserve connection for bathroom radiator:	MT ¾“

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