

Thermostatic head- guide

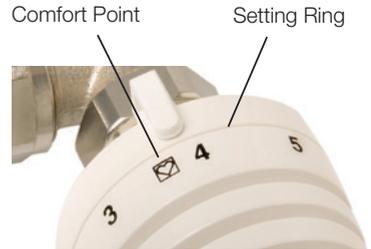


- ☑ Reduction of heating costs and protection of the environment
- ☑ Attractive Design
- ☑ Robust and durable
- ☑ Consumes no Power



COMFORT

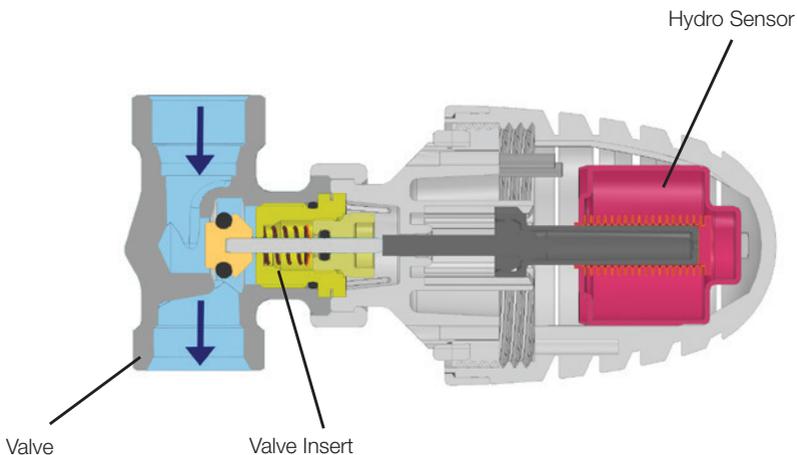
Thermal comfort in all rooms is very important to us. HERZ-Thermostatic valves control the room temperature directly on each radiator. The HERZ-Thermostatic Head has a built-in liquid sensor which responds to any change in the temperature in the immediate environment. The operation of the HERZ thermostatic valve is automatic and the valve opens or closes, depending on the heat demand. A comfort level of the room can be set by maintaining a constant room temperature. The comfort point on the HERZ thermostatic head indicates the optimal balance setting for comfortable heat. Individual changes in the room temperature are easily carried out by adjusting the Thermostatic head.



DESIGN Thermostatic Head

FUNCTION

When it comes to thermostatic valves that meet the highest standards of technology, comfort and aesthetics, HERZ is the first obvious choice. These days we seem to spend most of our time indoors. A comfortable room temperature is therefore an essential quality of life. HERZ thermostatic valves contribute to this, consisting of a valve and thermostatic head, working independently without external power and offering individual temperature selection for optimal comfort in the home.



ENERGY SAVING

HERZ-Thermostatic valves protect the environment and the heating budget. One can either throw money down the drain or take advantage of the precise control of HERZ and reduce the energy consumption of the heating system. Depending on the ambient temperature and in consideration of foreign heat sources HERZ-Thermostatic valves regulate the room temperature without external power. The highly sensitive HERZ-hydro sensor reacts to the slightest temperature difference-even before you experience it yourself. Precise control reduces the energy consumption of the radiator heating system.

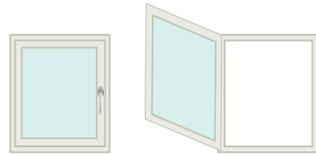
Manual control

Thermostatic Control

1 ° degree of room temperature reduction = 6 - 8% savings in heating costs



controlling the room temperature by opening the window costs energy and money



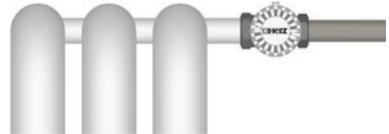
ventilate the room for 5 - 10 minutes and save energy by turning the thermostatic head down



Manual control, the room temperature has to be adjusted manually



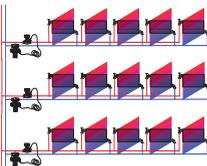
15 % Savings



Automatic control, maintains a uniform room temperature, no auxiliary power required therefore, no energy consumption

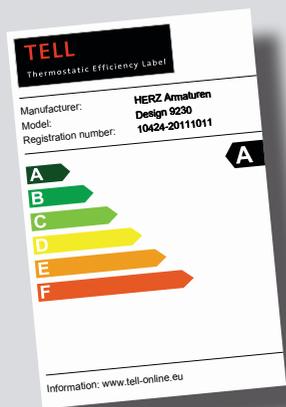
HYDRAULIC BALANCING

The potential fuel savings after converting a system from manual to Thermostatic heads are principally local and use-dependent, but values of about 15% are considered realistic and technically accepted. HERZ carried out a long-term study between 1994 to 2000 in a total of 3,974 apartments and averaged a saving of **27%** overall. This also included a hydraulic balance of the system which reduced and corrected the required amounts of water.



Maximum comfort and low heating costs can only be achieved through effectively operated and balanced water heating distribution systems. The total expenditure incurred by the apartment owners investing in the conversion to Thermostatic Valves and the balancing of the heating system was recovered in less than 2 years, completely saved by reducing heating costs.

10% Reduction in heating water = 20% Reduction in operating costs



Thermostatic Heads reduce heating costs



HERZ-GUARANTEE

The HERZ 5-year warranty is an expression of the high quality awareness of HERZ. The result of the high quality standards are particularly long life, trouble free operation, robust nature and forward-looking technology. We are happy to give The HERZ 5-years-res warranty on all products - for your reassurance.

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