The HERZ RTL return temperature limiter can be used to heat the floor in bathrooms with ceramic floors when connected to a stylish towel rail.

**FUNCTION**

- Floor temperature control by means of a return temperature limiter in hot water systems with flow temperatures up to 70 °C.
- Radiator connection with HERZ thermostatic valve and thermostatic head in the flow as well as a HERZ thermostatic valve with HERZ return temperature limiter in the return.
- The HERZ thermostatic head controls the hot water supply to the radiator according to the desired room temperature.
- The RTL limits the floor heating supply temperature to the preset temperature.
Provided hot water is circulating through the radiator, the return pipes fitted under the floor heat the floor to a comfortable temperature.

The radiator can be removed as required after the valve has been closed manually, which also shuts off the floor heating circuit.

**REACTION TIME DIAGRAM**

![Reaction Time Diagram](image)

<table>
<thead>
<tr>
<th>Order number</th>
<th>Dimensions</th>
<th>Flow rate [°C]</th>
<th>Temperature [°C]</th>
<th>Flow rate [ml/h]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 9201 00</td>
<td>M 28 x 1,5</td>
<td>25-60 °C</td>
<td>RTL MINI white</td>
<td></td>
</tr>
<tr>
<td>1 9201 41</td>
<td>M 28 x 1,5</td>
<td>25-60 °C</td>
<td>RTL MINI chrome</td>
<td></td>
</tr>
<tr>
<td>1 9201 23</td>
<td>1/2&quot; Straight</td>
<td></td>
<td>RTL-Set with HERZ-TS-90 Thermostatic Valve</td>
<td></td>
</tr>
<tr>
<td>1 9201 24</td>
<td>1/2&quot; Angle</td>
<td></td>
<td>RTL-Set with HERZ-TS-90 Thermostatic Valve</td>
<td></td>
</tr>
</tbody>
</table>

**TECHNICAL DATA**

- Maximum heating supply temperature: 70 °C
- Target temperature limiter value range: 25 °C to 70 °C
- Recommended setting on the return temperature limiter: max. 55 °C
- Maximum operating pressure: 10 bar
- Maximum differential pressure: 0,2 bar
- Room heating load (required heat): 1.000 Watt
- Maximum floor heating circuit pipe length: 20 m
- Hot water quality in accordance with ÖNORM H 5195 or, as may apply, VDI Directive 2035.
- Maximum recommended operating temperature for underfloor heating: 35 °C