

The 'Recoh-vert' with a connection in the middle for rain dome shower heads

Recoh-vert-m with a connection in the middle.

A lot of rain dome shower heads are currently being installed in bathrooms. These have a much larger volume flow than ordinary showers.

If a rain dome shower head is used, a great deal of water has to pass through the heat exchanger. The loss of pressure can then become too high for a standard Recoh-vert.

The Recoh-vert-m with a connection in the middle was developed especially for these showers. The cold water flows through the heat exchanger in two directions which makes the loss of pressure much lower than in an ordinary heat exchanger. As a result of the connection in the middle, the heat exchanger's efficiency decreases slightly..

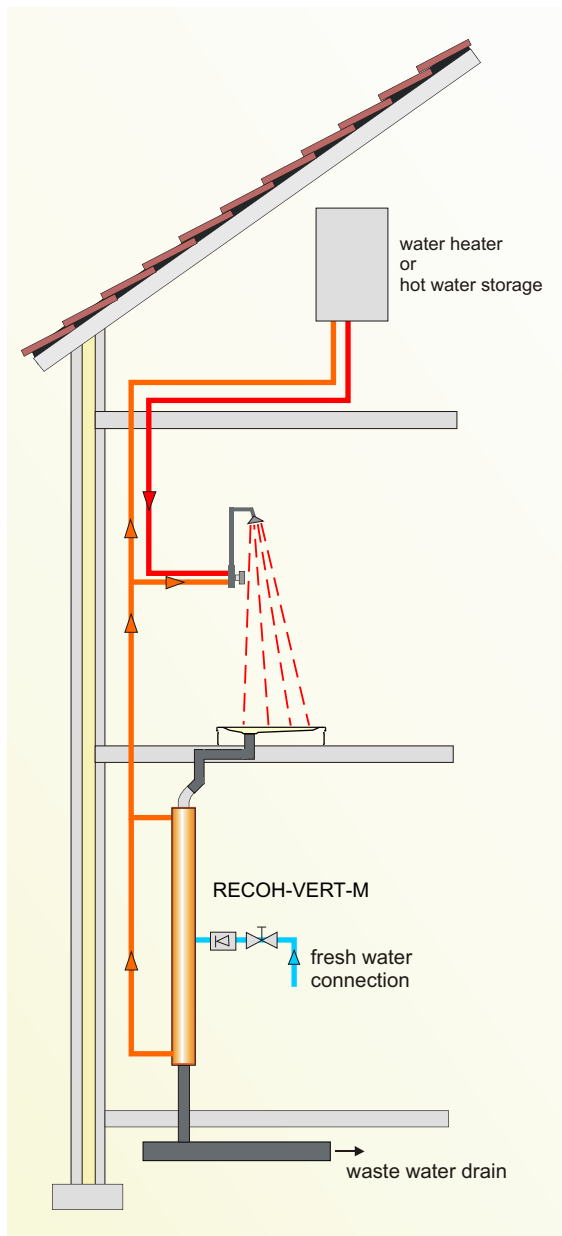
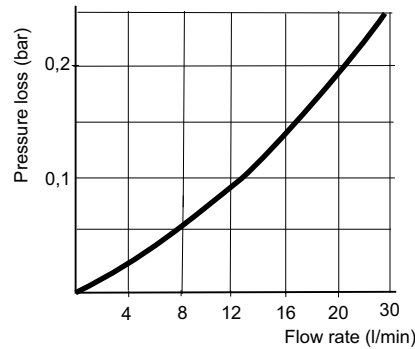


Figure 1: Overview of the Recoh-vert-m with connection in the middle principle.



Graph 1 Recoh-vert-m with a connection in the middle.

Larger rain dome shower heads.

For larger rain dome shower heads with a discharge of over 24 litres/minute, we recommend (depending on use) a bypass pipe (Figure 2) or a double Recoh-vert-m (Figure 3). Otherwise the waste water volume flow will be too high.

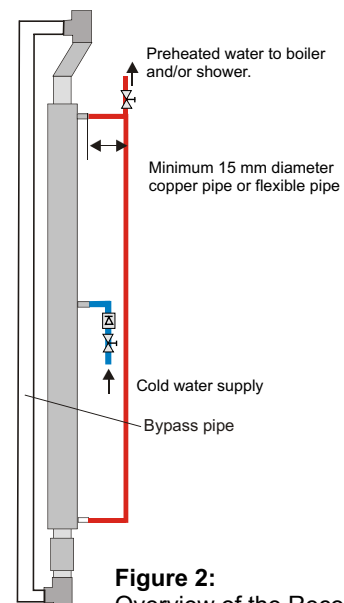


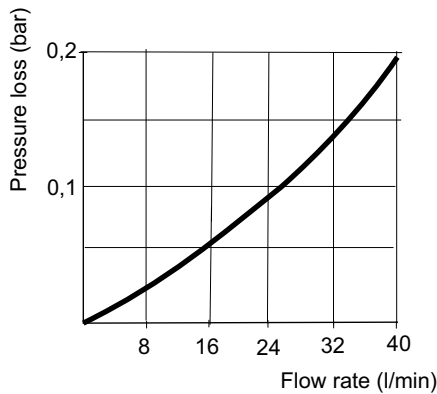
Figure 2: Overview of the Recoh-vert-m with connection in the middle principle and a bypass pipe.

The Recoh-vert-md.

If the rain dome shower head is used a lot and discharges more than 24 litres/minute, we recommend using a Recoh-vert-md (see Figure 3).

The waste water is then distributed to two heat exchangers lowering the loss of pressure and increasing efficiency.

Photograph 1 illustrates the principle of the Recoh-vert-md.



Graph 2
2 Recoh-vert-md, in parallel,
with connection in the middle

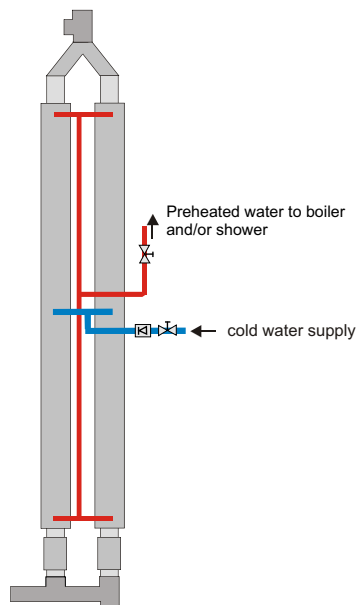
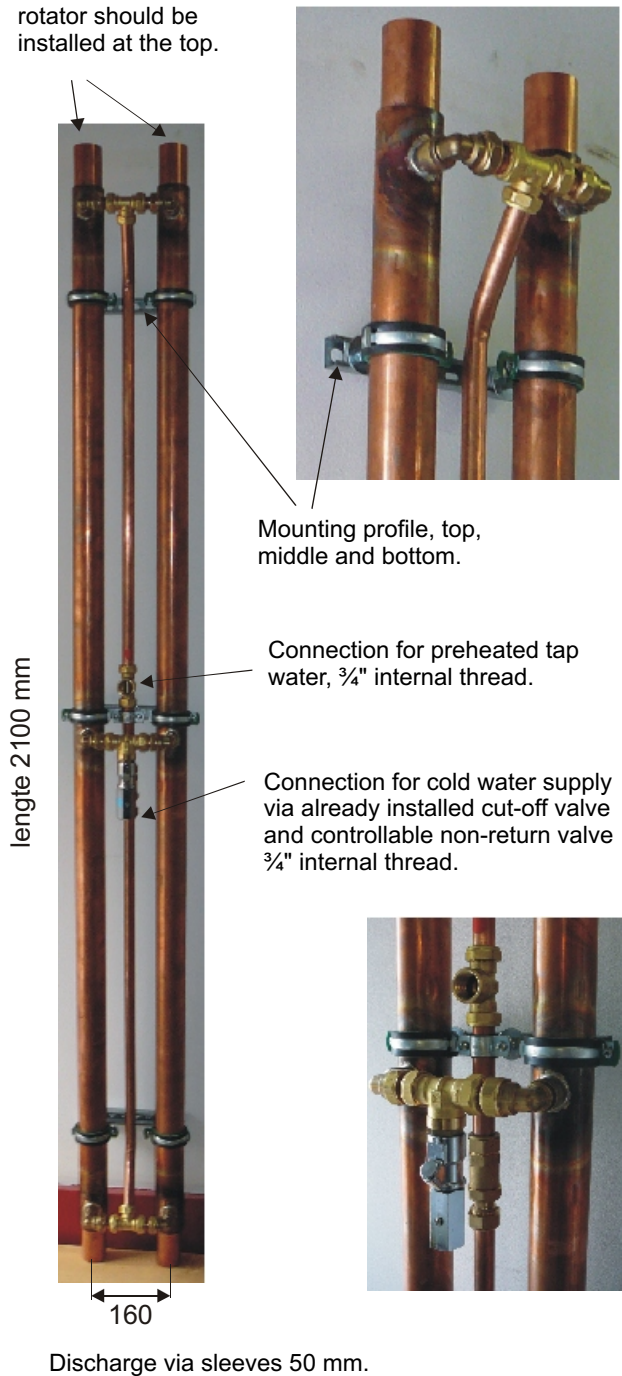


Figure 3:
Overview of the Recoh-vert-md
with connection in the middle
principle.

Waste water connection, 75 mm pipe

The distributor and rotator should be installed at the top.



Photograph 1: The Recoh-vert-md for rain dome shower heads with a discharge of over 16 litres/minute.

If the discharge exceeds 48 litres/minute we recommend using a Recoh-vert-md and a bypass pipe.