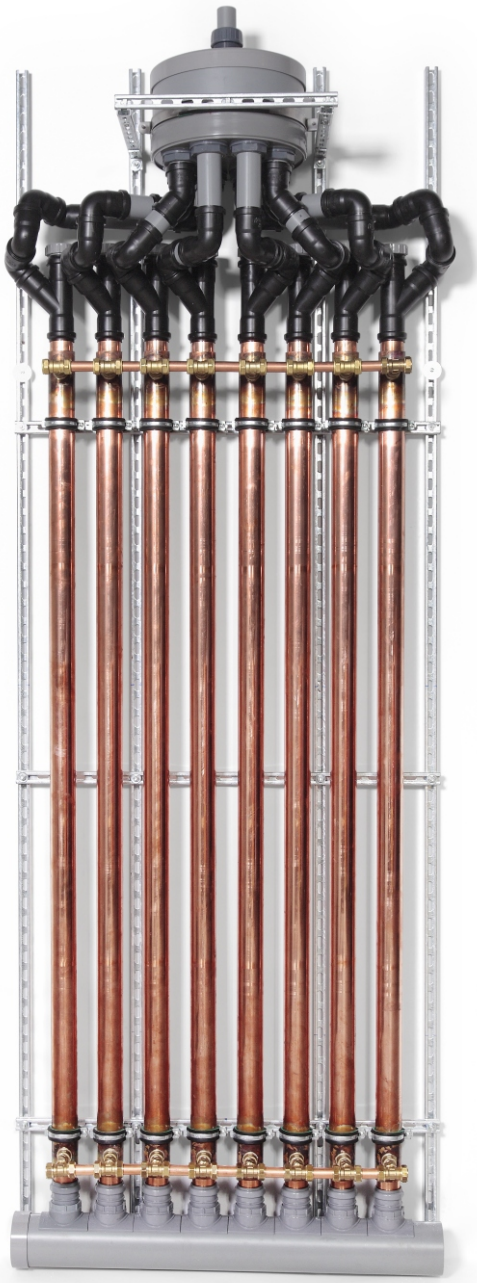
Installation instructions for

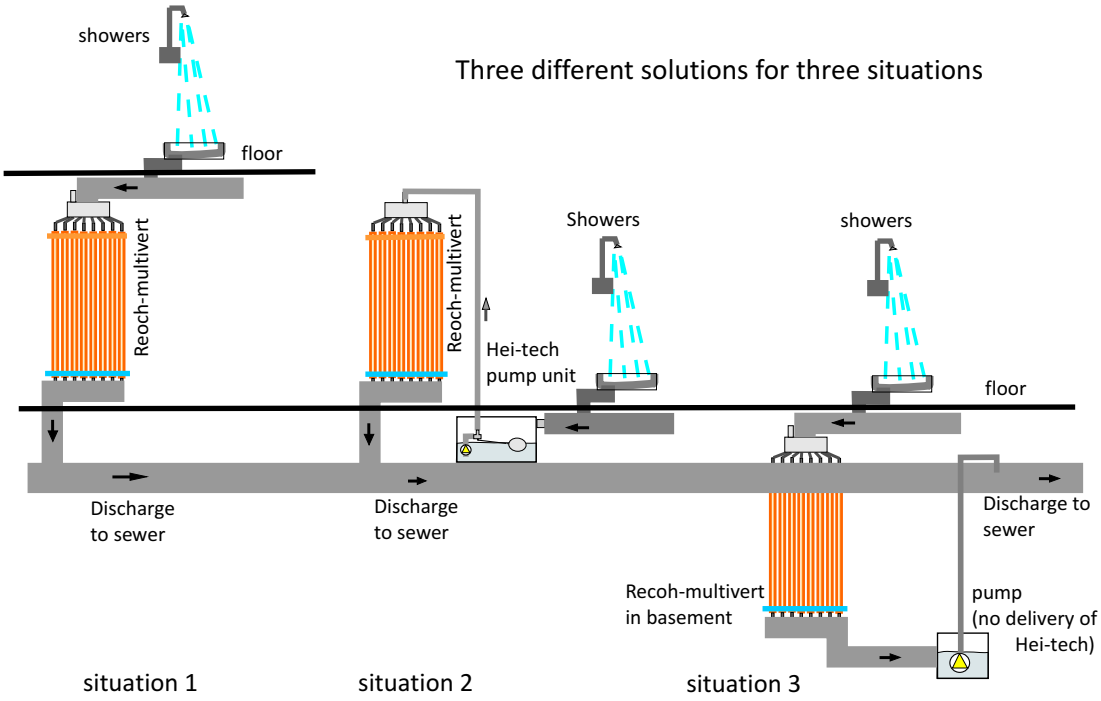
Recoh-multivert



We would like to congratulate you on the purchase of the ´Recoh-multivert´. The ´Recoh-multivert´ is one of most economically interesting forms of energy saving. The pay-back time is short! Using the ´Recoh-multivert´ saves on fossil fuels. The stocks of fossil fuels are limited and using the ´Recoh-multivert´ can help reduce global warming.

1 General description

The Recoh-multivert can be used wherever hot waste water flows away. The most obvious application is waste water of showers. The Recoh-Multivert can be used where there is a central hot water supply such as hotels, sports facilities, swimming pools, hospitals and nursing homes.



With system A both cold water tot the boiler and the showers are pre-heated by the Recoh-multivert (see annex 1). With system C only the cold water to the boiler is pre-heated (see annex 1). The largest savings are obtained with system A.
When the showers are located on the ground floor, generally a pump is required in order to pump the waste water to the top of the Recoh-multivert. An other possibility is to pump the waste water, coming out of the heat exchanger into the sewer. This will mostly be the situation in sports facilities and public swimming pools where the showers are on the ground floor. Three different solutions for 3 situations are also shown in the figure above.

2 The Recoh-multivert

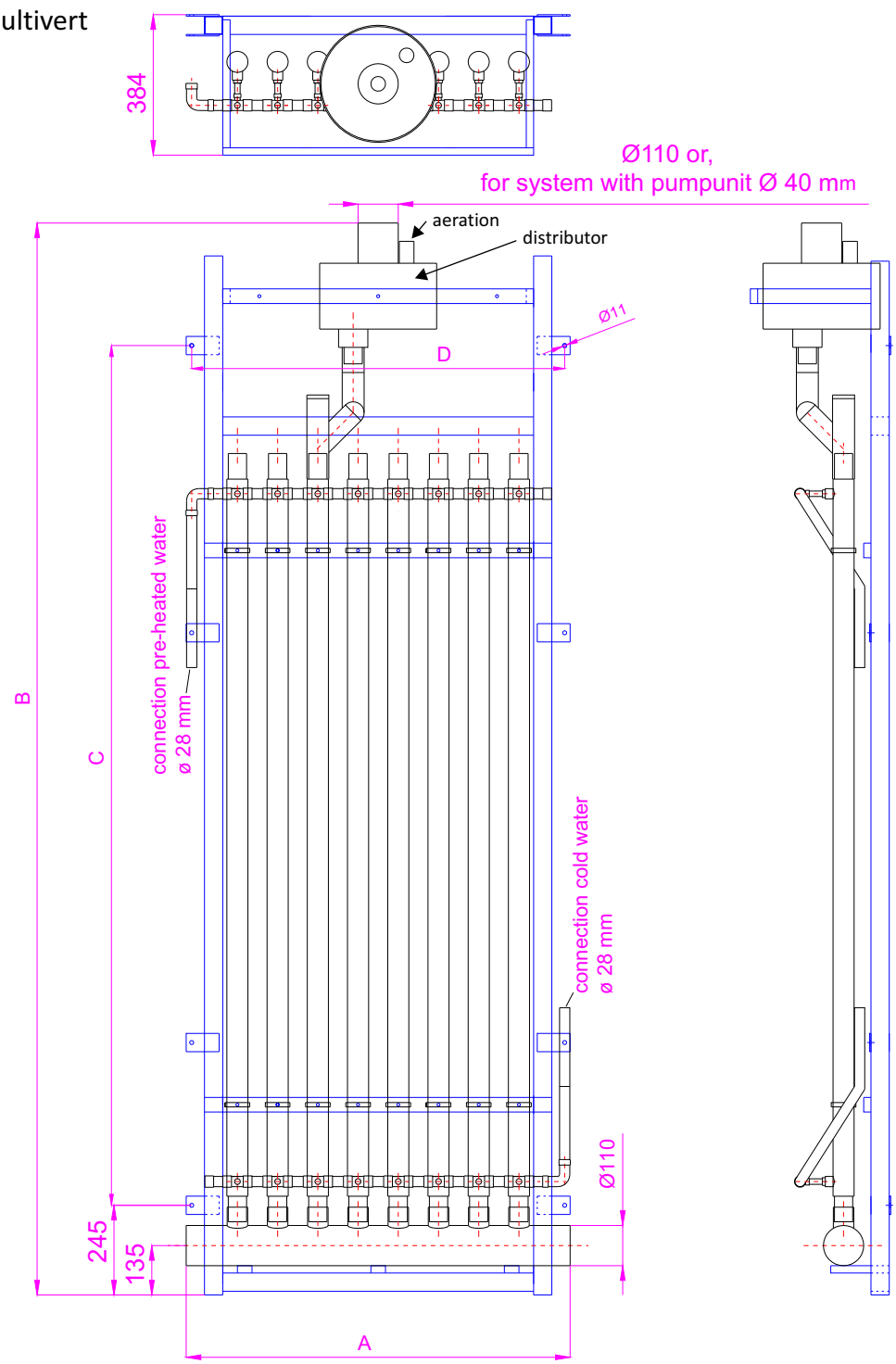
2.1 General.

The Recoh-multivert consists of 4, 6 or 8 Recoh-vert heat exchanger and in three different lenghts. These are mounted on a frame and connected together to one pre-fab unit with only 2 fresh water connections and 2 waste water connections.
The unit can be mounted to a wall. Optional a unit with a foot is available.
The Recoh-multivert heat exchangers have to be within 1 degree in vertical position, otherwise the efficiency can be reduced.

2.2 Required space

The Recoh-multivert has to be accessible for visual inspection and also for dismounting the unit and mounting a new unit or new Recoh-vert heat exchanger when there is a problem. Normally the heat exchangers keep clean during the years, however there is a possibility for inspection on the top of each Recoh-vert.

The recoh-multivert



Type multivert	Type Recoh-vert	number of Recoh-vert	weight kg	A mm	B mm	C mm	D mm
MV20-8	RV	8	82	1050	2930	2350	1020
MV20-6	RV	6	64	830	2930	2350	800
MV20-4	RV	4	45	610	2930	2350	580
MV16-8	RV16	8	70	1050	2505	1925	1020
MV16-6	RV16	6	55	830	2505	1925	800
MV16-4	RV16	4	40	610	2505	1925	580
MV12-8	RV12	8	58	1050	2095	1515	1020
MV12-6	RV12	6	46	830	2095	1515	800
MV12-4	RV12	4	34	610	2095	1515	580

Scope of delivery:
Together with the recoh-multivert:
- 1 x 110 mm PVC lid
- 1 x installation instruction

Should you have any comments or additions to this manual, please do inform us.

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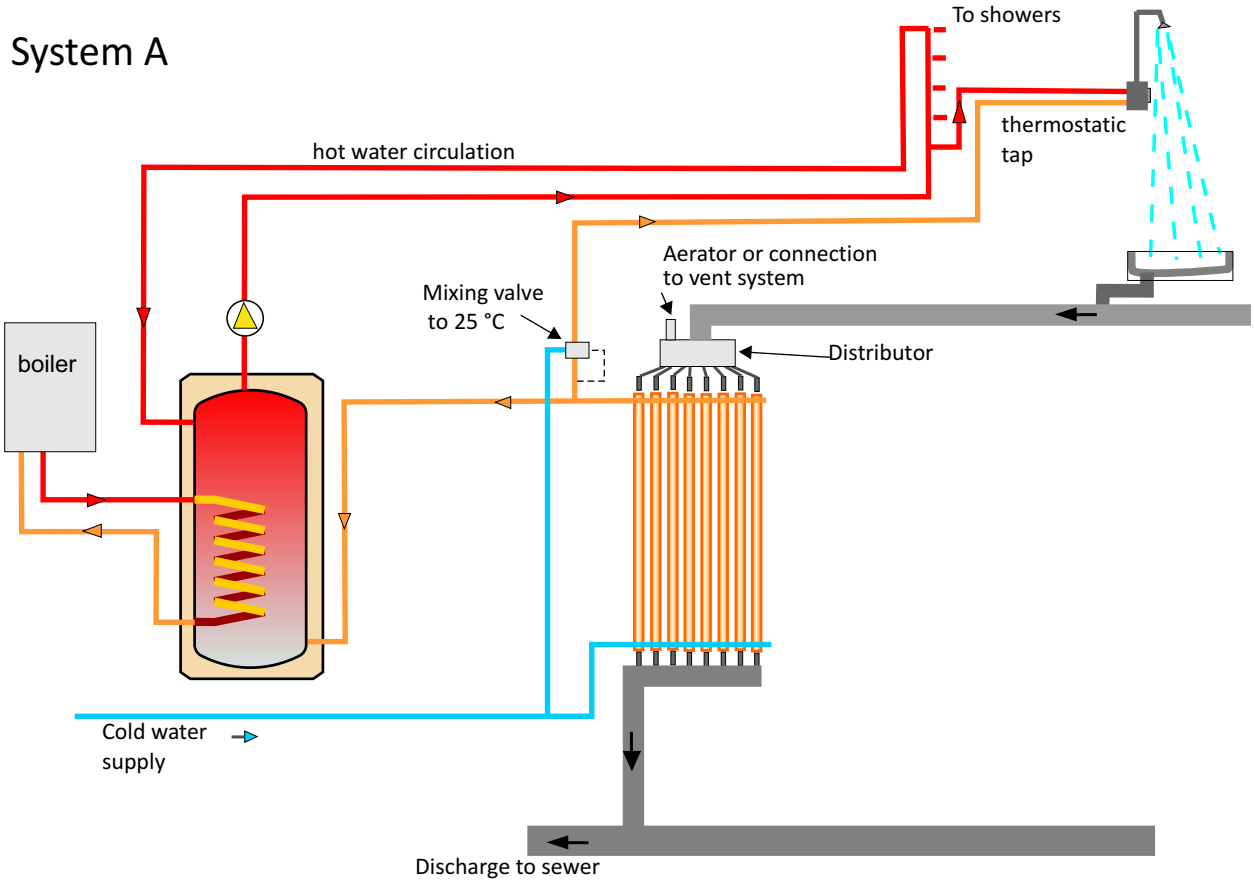
ANNEX 1

System A



System C