



Functions

- Efficient tanks for heating and cooling storage
- High performance
- High output capacity
- Cooling tanks in 1,000, 1,500 and 2,000 litres
- Hot water tanks in 1,000, 1,500, 2,000, 2,500, 3,000 and 4,000 litres
- Can be connected in parallel when there is a high demand
- Sensor pipes
- Outlet for an electric heater

Benefits

- Cooling tanks with efficient, diffusion-proof insulation
- A maximum operating pressure of 6 bar

Efficient storage of heating and cooling

CTC AT is a series of efficient accumulator tanks for both heating and cooling. The heating tanks are available in six sizes ranging from 1,000–4,000 litres, while the cooling tanks are available in three sizes: 1,000, 1,500 and 2,000 litres.

Connect in parallel to cope with high demand

The accumulator tanks are intended for properties with large hot water and cooling requirements. For the largest capacity, the tanks can be connected in parallel. Thanks to their large connection flanges, the tanks are ideal in the case of large flow requirements.

Minimal energy losses

The DHW tanks are insulated with 100 mm PUR and encased in PVC for maximum efficiency. The cooling tanks have 20 mm diffusion-proof insulation against condensation.

Efficient tank charging and heat pump operation

Our tank charging principle is the most economical and efficient method for the continual drawing of hot water (or cooling water) and for heating in intervals.

If charging starts at 20°C, for example, the water is heated by approximately 5K, which corresponds to the temperature steps that are typical for heat pumps. If the final temperature is 50°C, this results in an average primary flow temperature of 35°C for the entire charging procedure.

The low charging temperature produces an optimum heat pump coefficient (COP) as well as a long operating time and low switching frequency for the heat pump.

Technical data

CTC AT Heating	Unit	AT 1000	AT 1500	AT 2000	AT 2500	AT 3000	AT 4000	
Volume	l	1000	1500	2000	2500	3000	4000	
Max working pressure	bar	6						
Max. operating temperature	°C	95						
Insulation	100 mm foam encased in PVC							

Dimensions, weight, connections

Weight of the unit	kg	138	222	299	322	368	531
Connections	DN	65	100	150	150	150	200
Dimensions Ø x H	mm	980 x 2040	1190 x 2120	1290 x 2350	1450 x 2120	1450 x 2720	1495 x 2530

CTC AT Cooling		AT1000C	AT1500C	AT2000C
Volume	l	1000	1500	2000
Max working pressure	bar	6		
Max. operating temperature	°C	95		
Insulation	20 mm diffusion-proof insulation			

Dimensions, weight, connections

Weight of the unit	kg	138	222	299
Connections	DN	65	100	150
Dimensions Ø x H	mm	1030 x 2040	1190 x 2150	1340 x 2220

