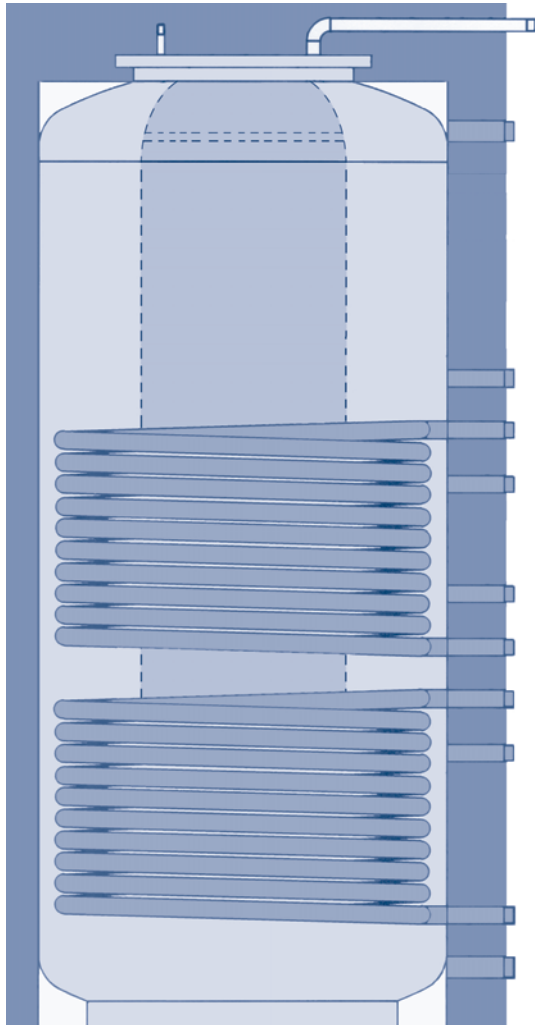


PHÖNIX Universal Buffer Storage Tank

Type UPK / UP
(650 - 1,050 lt capacity)



- Tank with stainless steel insert (combi tank) for domestic water heating and solar heating
- Available as combination tank with 200 litres stainless-steel tank insert (type UPK) or without insert as buffer tank (type UP)
- Variable tank volume: 650, 800 or 1,050 litres
- Extra thick tank insulation (100 mm flexible foam) and large scale heat exchanger provide for optimal energy gains and high energy savings
- Optimized layering of the solar energy by two internal solar heat exchangers in the lower and middle tank region
- Insulation is easy to replace and remount
- Tank fits through almost every door
- It is possible to combine several tanks in any order for bigger systems

Technical data

Volume

650 to 1,050 litres

Solar heat exchanger

2 x 2,0 m² to 2 x 2,9 m²

Domestic water storage tank,
max. operating pressure

10 bars

Buffer, max. operating pressure

3 bars

Maximum working temperature

95°C

Warranty

See general terms and conditions of sales of
PHÖNIX SonnenWärme AG

Technical data

Type	UPK/UP650	UPK/UP800	UPK/UP1050
Nominal volume (litres)	650	800	1,050
Heat exchanger solar (m ²)	2 x 2.0	2 x 2.4	2 x 2.9
Insulation	Polyurethane foam, 100 mm, replaceable ($\lambda = 0.04$ W/mK)		
Height with insulation (m)	1.98	2.03	2.01
Diameter with insulation (m)	0.90	0.99	1.10
Diameter without insulation (m)	0.70	0.79	0.90
Tilt height (m)	2.01	2.06	2.05
Connections buffer	5/4" male thread and 1" male thread (flat sealed)		
Connection solar	1" male thread (flat sealed)		
Connections tap water	3/4" male thread (flat sealed)		
Total weight UPK/UP (kg)	235/185	280/230	365/315

Domestic water insert

Domestic water tank insert made of stainless steel 1.4571 (drinking water possible) for integration inside the buffer storage tank type UP, volume 200 litres, possible for modification of the buffer tank into a combi tank type UPK or inversely, mounting via the flange ring from above into the buffer tank

