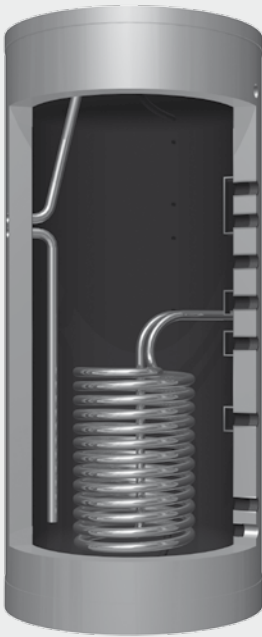


PRODUCT DESCRIPTION



PS/1R – Solar backup tank with one coil prepared for operation with one fresh water module

High-quality backup tank made of steel (S 235 JR) for heating operation with a solar system. Solar charging is by a smooth pipe coil in the lower half of the tank. The tank is prepared for domestic hot water heating with a fresh water module. All necessary connections are at hand; includes 1x 2" sleeves for electric screw-in heating elements. The tank stands on a stand ring. The polyester fibre fleece insulation and the fresh water module must be ordered separately (compare Accessories).

Area of use

Heating mode and water heating with a solar system for single-family and semi-detached houses.

Product benefits

- Cost-effective solar backup tank
- Backup heating from all common systems possible
- Inflow absorbers prevent mixing – especially during heat pump operation
- 4 temperature measuring points (contact sensor sleeves) on tank
- Option to install TiSUN solar station and expansion container on tank
- Prepared for use with 1 electric screw-in heating element
- Prepared for use in a TiSUN fresh water module incl. installation options on the tank

Standards, guidelines and regulations

- "Pressure Equipment Directive" 97/23/EC
- Sized according to guideline AD-2000
- Welding as per EN 287-1 and EN ISO 3834-2

SPECIFICATIONS

Max. operating temperature	110°C
Max. tank operating pressure:	3 bar
Boiler/heating connections	Rp 6/4" (partially with inflow absorber)
FWM connections	Rp 1"
Cylinder feed and darin cock connections	Rp ½"
Thermometer connection	Rp ½"

Specifications

Type	PS 500/1R	PS 800/1R	PS 1000-S/1R
Item no.	1610790	1610791	1610792
Nominal volume [l]	514	744	930
Height without insulation [mm] ¹⁾	1760	1910	2120
Height with insulation [mm] ¹⁾	1860	2010	2220
Diameter without insulation [mm] ¹⁾	650	750	790
Diameter with insulation [mm] ¹⁾	850	950	990
Tilt height [mm] ¹⁾	1820	1975	2185
Weight [kg]	181	205	239

1) All size specifications have a tolerance range of +/- 3%