Operation and Installation Manual

DRAŽICE
MEMBER OF THE NIBE GROUP

Accumulation Tank

NAD 500 v 8

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1. Description

Accumulation tanks serve accumulation of excessive heat from its source. The source may be a heat pump, solar collectors, etc. Some types of tanks allow combination of connecting even multiple sources.

The NAD type tanks serve accumulation of heat in the heating system only. The main benefit is provision of optimal operation of a heating source (limitation of frequent starting, switching, starting of individual heating source's components) when excessive unconsumed heat accumulates in the tank.

The tanks are made of steel, without any inner surface treatment, the outer surface of the tank is provided with a protective paint. The **NAD 500 v8** accumulation tank **is equipped with a top-quality reinforced insulation that allows all-year outdoor operation with minimum heat losses. The outdoor tank saves space in your house. The outer surface of the insulation allows painting with a facade paint. Prior to painting the tank insulation with a façade paint consult the pain producer!**

The tanks are not designed for accumulation of HSW – hot service water.

Prior to commissioning, we recommend that you run the heating circuit and any impurities that are trapped in the filter clean, then the system is fully operational.

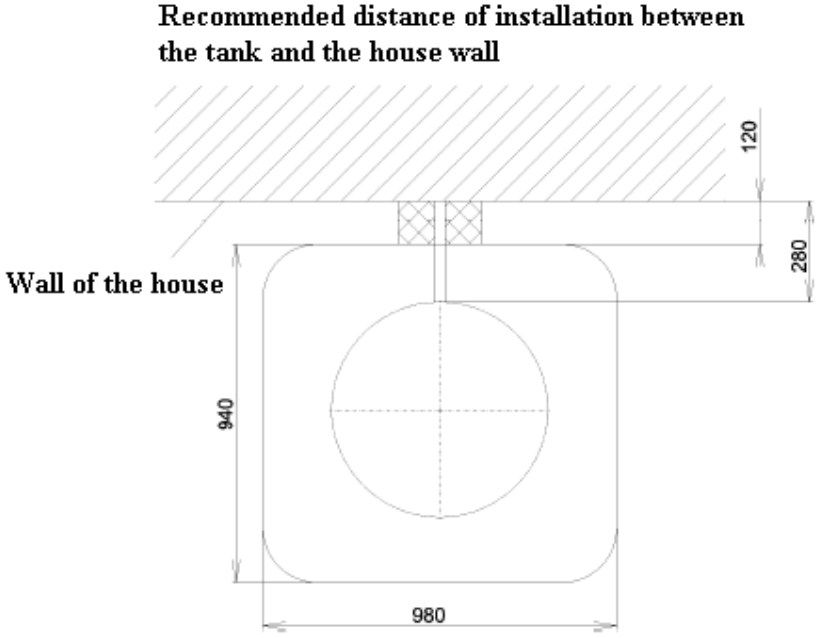
Notice:

In exceptional cases, it can also be used for connection of a solid fuel boiler and a fireplace insert whilst considering the maximum temperature of heating water.
If the temperature of 80°C is exceeded, INSULATION COMPONENTS may suffer permanent damage.

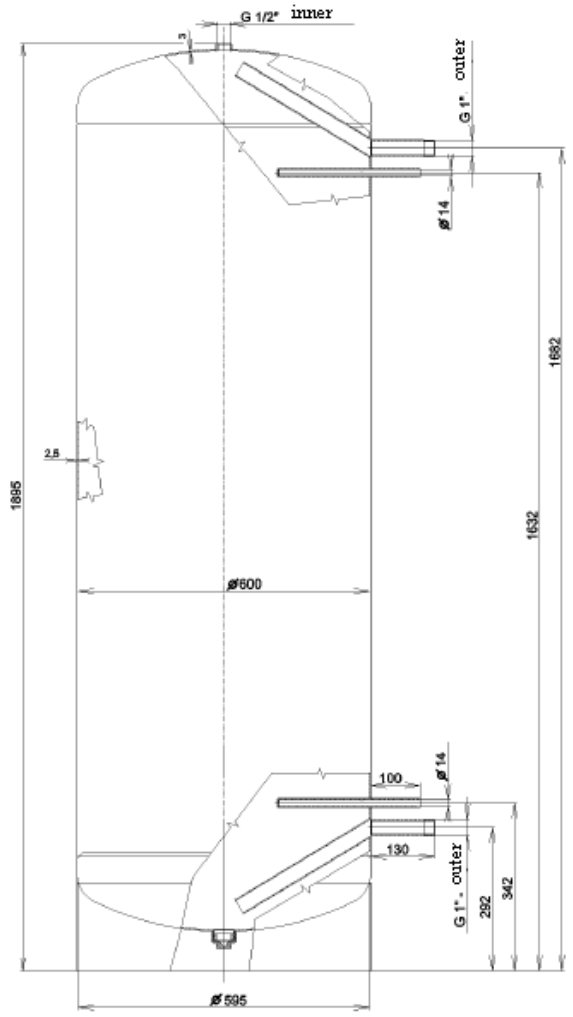
2. General parameters of tank NAD 500v8

Dimensions of insulation [mm]	980x940x2065
Tank diameter [mm]	600
Capacity [l] 500	500
Max. operating pressure [MPa]	0,3
Maximum heating water temperature [°C]	80

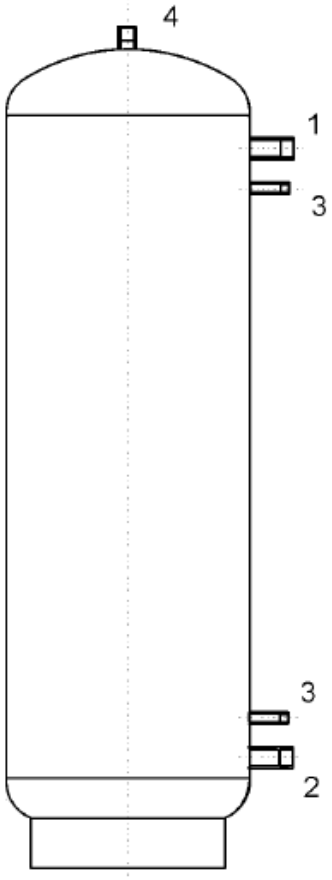
3. Installation of the tank



4. Dimensions of tank



5. Tank outlets



1..Water inlet to accu. tank
2..Water outlet from accu. tank
3..Thermowells (thermometer, thermostat)
4..Hot water accumulator outlet (bleeding)