

PRODUCT CARD

TRINNITY BW BUFFER TANK

MODEL	KBN
TRINNITY BW 50	TRGPWBW050
TRINNITY BW 80	TRGPWBW080
TRINNITY BW 100	TRGPWBW100



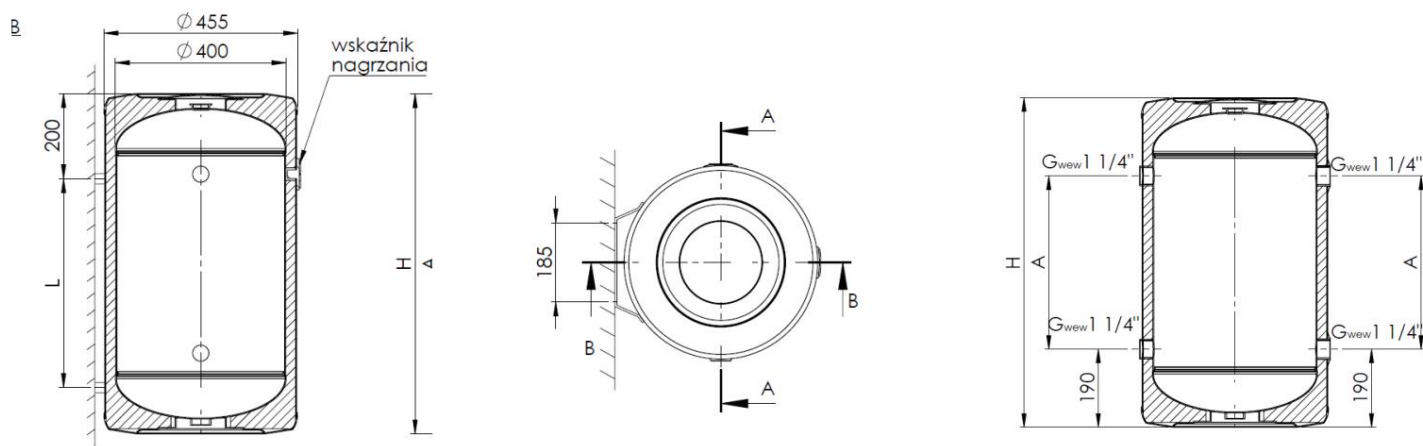
TRINNITY BW buffer tanks (for cooperation with external heat sources) are designed to collect, store and transfer excess hot heating water or other liquids allowed to come into contact with steel, obtained from various heat sources: central heating boilers, solar collectors, heat pumps, etc. Buffer tanks protect the central heating system - they take over the difference between the boiler's thermal power and the power transferred to the heating system.

Buffer tanks are made of black steel sheet. Thermal insulation of the buffers is made of a 25 mm thick layer of polystyrene foam.

The thermal insulation cover is a jacket made of thin steel sheet covered with powder paint and a lower and upper cover made of ABS plastic.

Buffer tanks are pressure devices designed to work in a vertical position with a maximum water pressure of 0.3 MPa (3 bar).

CONSTRUCTION, DIMENSIONS AND PARAMETERS OF THE BUFFER TANK



TYPE		TRINNITY BW 50	TRINNITY BW 80	TRINNITY BW 100
Capacity	dm ³	50	80	100
Connection stub			1 1/4"	
AND	mm	180	420	582
L	mm	250	490	650
H	mm	560	800	960
Type of tank		steel - raw inside, outside covered with anti-corrosion paint		
Thermal isolation		polyurethane foam		
Thermal insulation thickness	mm	25		
Outer cover		jacket made of powder-coated sheet metal		
Tank operating parameters:				
Maximum working pressure		pr = 0.3 MPa		
Maximum operating temperature		tr = 80°C		
Mass	kg	28	35	40