1 Pellaqua

The Pellaqua tank program developed by ÖkoFEN is the optimally coordinated interface between your pellet boiler and solar collectors. The three tank models of the Pellaqua tank program have different construction possibilities and offer the optimal solution for your customers.

The Pellaqua product line inludes System Tank, Combination Tank and Buffer Tank. They are available from 600 to 2.000 liter.

Product equipment

- Buffer tank made of steel
- Return stratification channel
- 8 tappings 1½“ IG
- 90° angle connections
- 4 sensor sockets ½“
- 5 sensor holders
- 1x air valve 1 ½“ IG
- Base insulation
- Fleece insulation 100mm
- 4 connecting pieces insulation
- Working pressure: 3 bar
- Maximum operating temperature 95°C

Benefits Pellaqua

Key purchasing factors	Feature	Tangible benefit for the customer
Everything from a single source	Pellaqua System Tank	Only one contact person – from offer to procurement of spare parts A perfect match for the ÖkoFEN Pellematic range and Pelletronic controller
Flexibility on offer	Valid for all tanks	From a simple accumulator tank to a fully equipped system cylinder including heating circuit assemblies, you can offer your customers a package with an exemplary price/performance ratio
	Hygienic DHW heating	We can supply each cylinder with or without a fresh water module, subject to customer requirements and preferences
Economical	Solar integration	The sun never sends a bill
	10 cm fleece insulation and floor insulation	Insulates ideal and reduces radiation losses
	Return stratification channel	Ensures better stratification and higher efficiency
	Longer run time of pellet boiler	Increases the annual output of the heating system

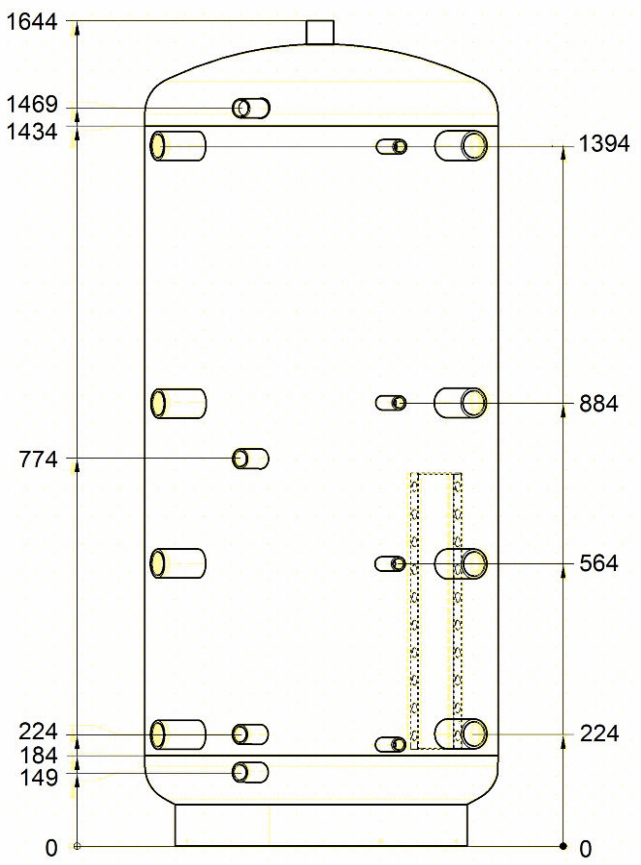
2 Product Description

2.1 Buffer tank

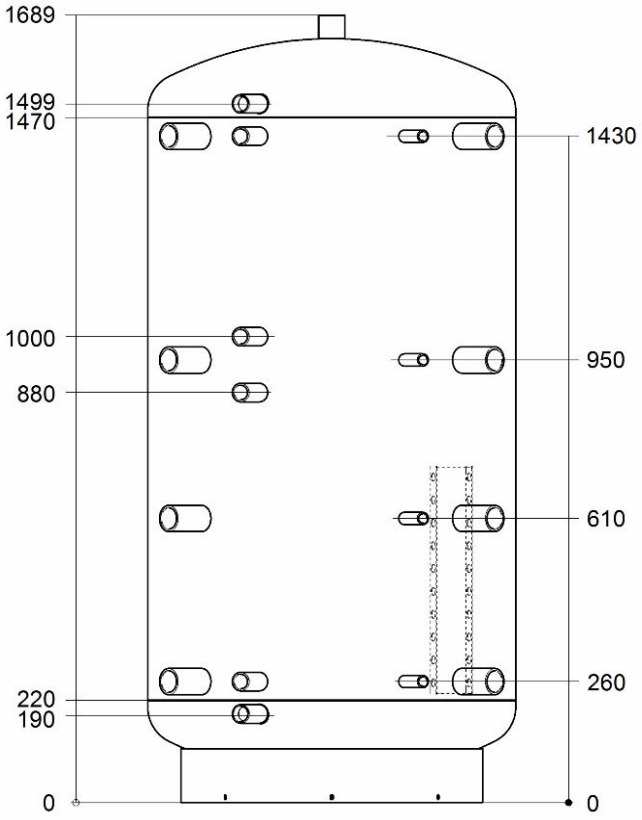
	SP
	
Sizes	600 800 1000 1500 2000
Return stratification channel	☑
Fleece insulation 100mm	☑
Solar tube heat exchanger	☒
Domestic hot water heating Stainless steel corrugated pipe-heat exchange	☒
Fresh Water Module	☑
Heating circuit(s)	☒

☑
combinable,
☒
not combinable

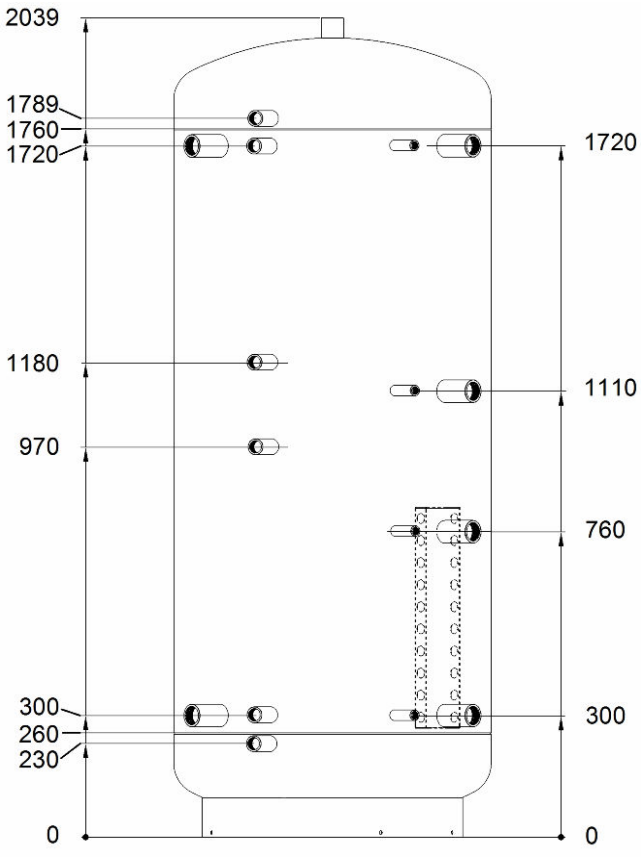
Buffer tank/combination tank 600 liter



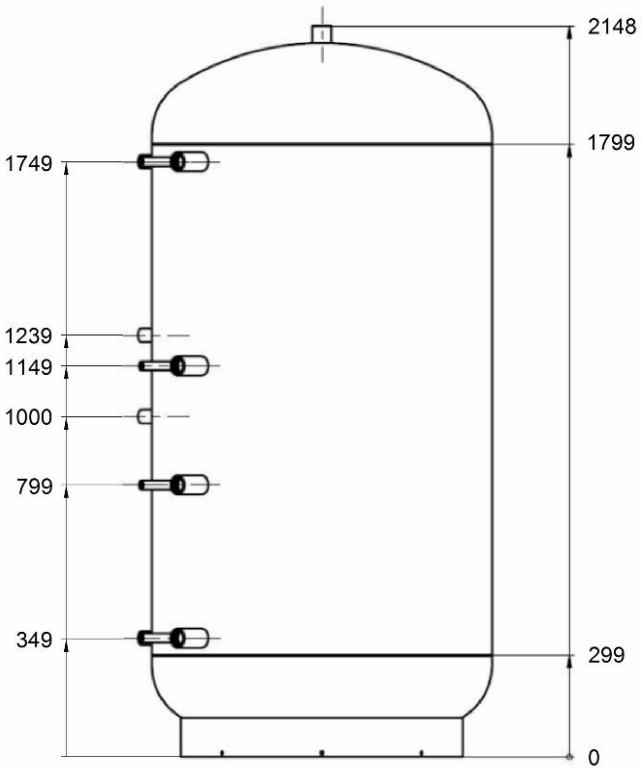
Buffer tank/combination tank 800 liter

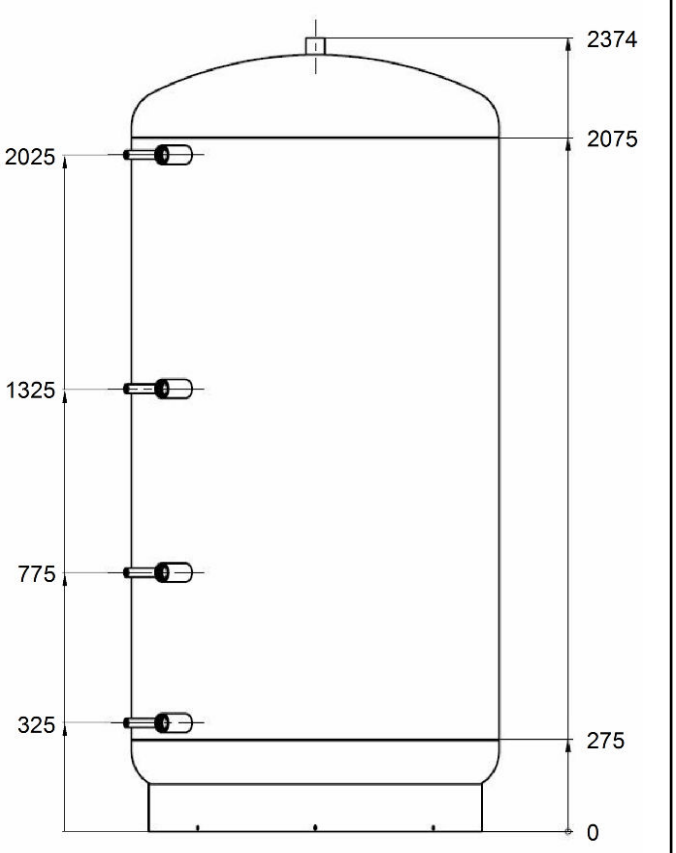


Buffer tank/combination tank 1000 liter



Buffer tank/combination tank 1500 liter



Buffer tank/combination tank 2000 liter	
	

All dimensions in mm!

The baffle plates at the connections have the purpose to make a proper stratification possible or rather to avoid a influenced stratification. Basically the baffle plate at the hydraulic connection does not have to be considered not separately but the installation of a heating rod for instance is not possible when the baffle plate is not bent up. The return channel layer makes it possible to integrate different flow temperatures into the accumulator on the secondary side (heating return) optimally. Thereby unnecessary mixings of the water temperature are avoided, which leads to fewer boiler starts and therefore to an energy saving.