NØRDIS NBT-SF

WALL MOUNTED BUFFER TANK FOR HEAT PUMP

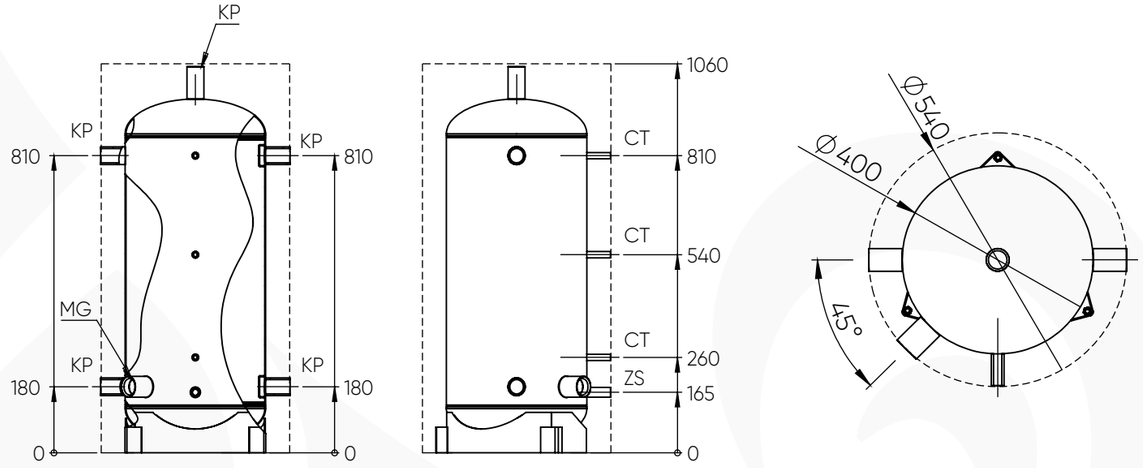


NBT-SF buffer tanks are designed to collect, store, and transfer excess hot water or other fluids approved for contact with steel, obtained from various heat sources: central heating boilers, solar collectors, heat pumps, etc. Buffer tanks protect central heating systems by absorbing the difference between the boiler's thermal output and the output transferred to the heating system. The maximum operating pressure of the tank is 0.3 MPa.

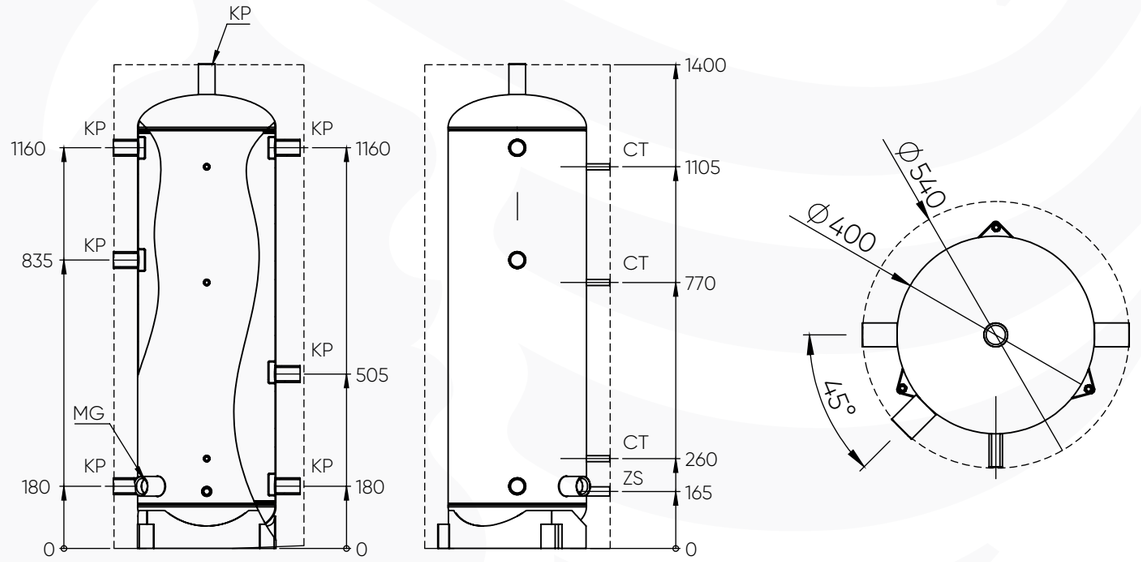
Unit Model	Unit	NBT-100SF	NBT-150SF	NBT-220SF	NBT-250SF	NBT-300SF	NBT-400SF	NBT-500SF
Energy Class		A	B	B	B	C	B	B
Tank volume	l	105	147	222	262	318	433	498
Buffer tank material - steel (inside raw), outside covered with anti-corrosion paint		+						
External cover - faux leather		+						
Thermal insulation - polystyrene foam		+						
Tank operating parameters: Maximum operating pressure Operating temperatures		0.3 MPa; 15°C ~ 80°C						
Thermal insulation thickness	mm	70	70	70	70	70	100	100
Standby losses	W	32	43	52	61	72	60	67
Netto weight	kg	40	50	57	67	87	95	120
Dimensions	mm	Ø540x1060	Ø540x1400	Ø650x1340	Ø650x1525	Ø650x1805	Ø810x1785	Ø810x2010
*In accordance with the applicable EU Commission Regulation No. 812/2013 and 814/2013								

Dimensions of the connections NBT-SF		NBT-100SF	NBT-150SF	NBT-220SF	NBT-250SF	NBT-300SF	NBT-400SF	NBT-500SF
Pipe connection	KP1	-		G 1 ¼"				
Pipe connection	KP	G 1 ¼"		G 1 ½"				
Temperature sensor	CT	3/8"						
Electric heater	MG	G 1 ½"						
Drain	ZS	G ½"	G ¾"					

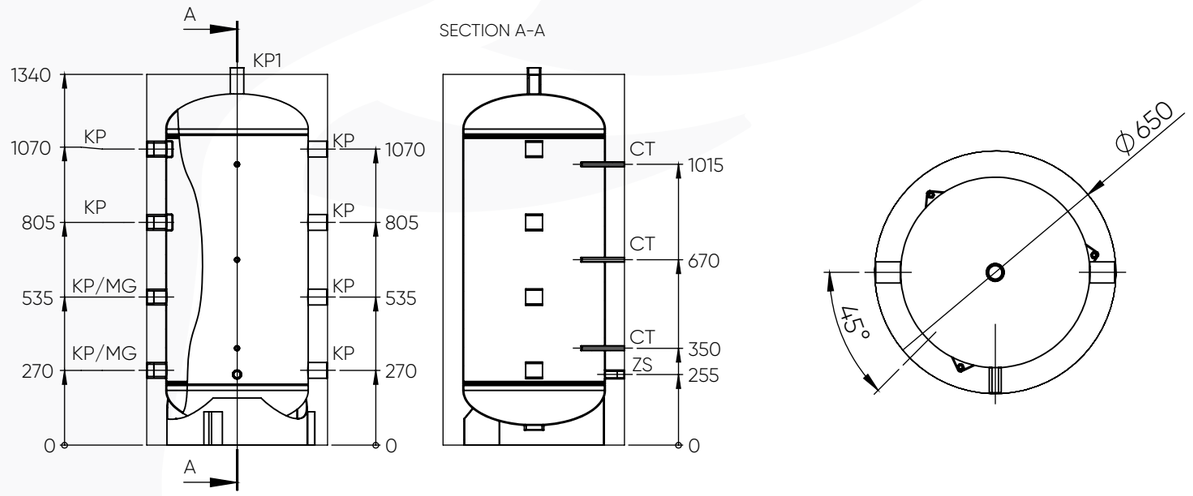
Construction of NBT-100SF buffer tank



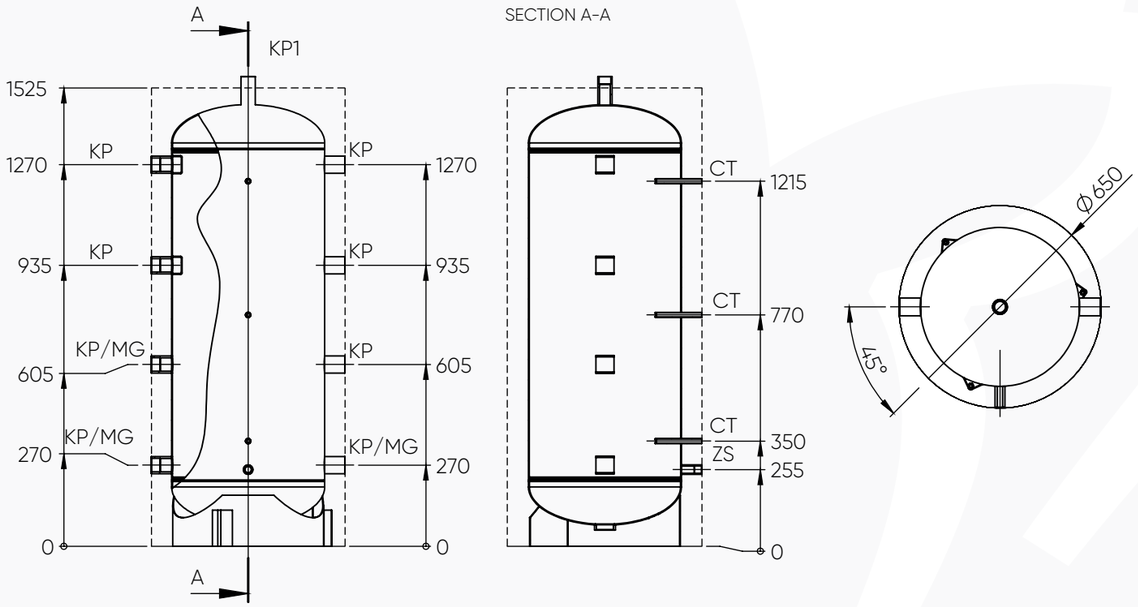
Construction of NBT-150SF buffer tank



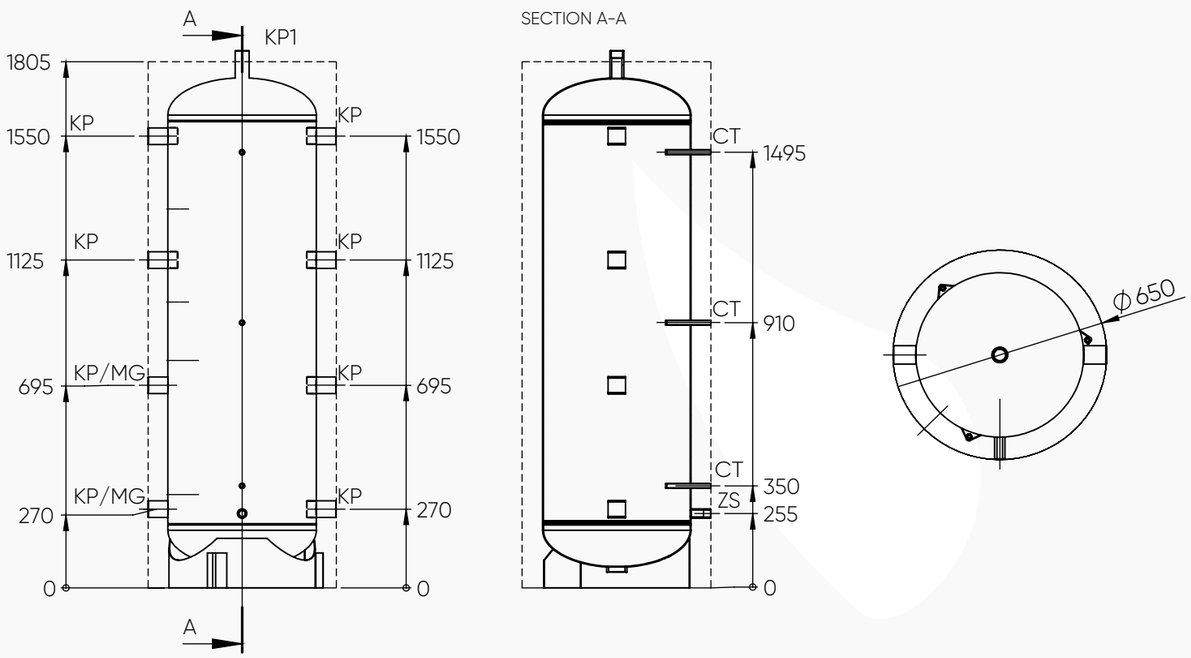
Construction of NBT-220SF buffer tank



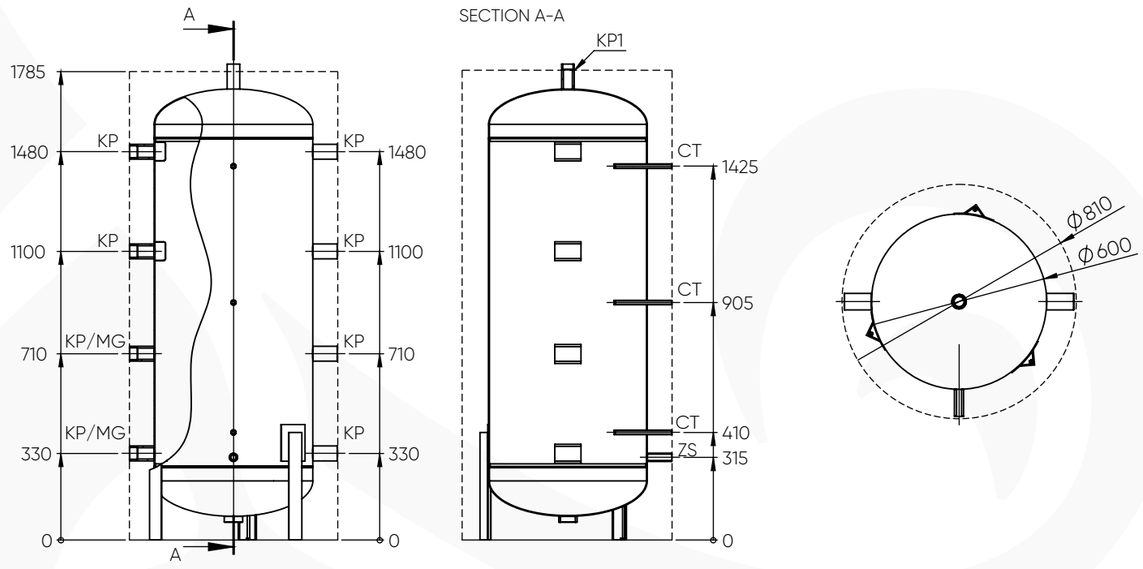
Construction of NBT-250SF buffer tank



Construction of NBT-300SF buffer tank



Construction of NBT-400SF buffer tank



Construction of NBT-500SF buffer tank

