NADO v2

STORAGE TANK | WITH DHW PREPARATION

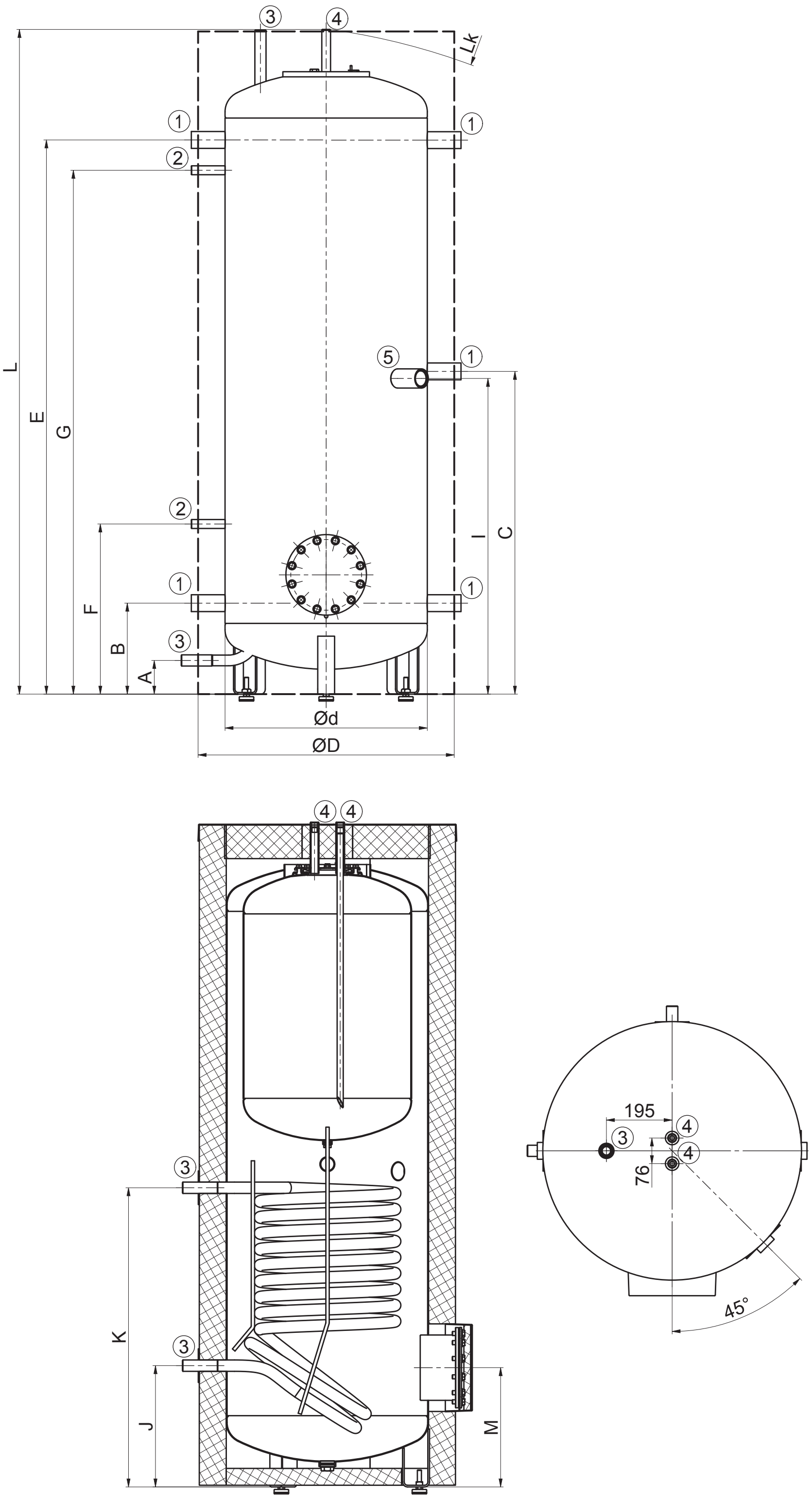
- Types: 500, 750, 1000 l
- Inner HW storage tank in a volume of 140 l
- **The tank is supplied including insulation**
- Suitable as an storage tank for heating systems with solid fuel boilers and solar systems
- The TPK 210-12 heating unit can be mounted into the flange
- The TJ 6/4" heating unit can be mounted for tanks with inner storage tank in a volume of 140

NADO 500/140 v2

Socket dimensions	NADO 500/140 v2	NADO 750/140 v2	NADO 1000/140 v2
Socket 1 – female thread	1 ¼"		
Socket 2 – female thread	½"		
Socket 3 – male thread	1"		
Socket 4 – male thread	¾"		
Socket 5 – female thread	1 ½"		

Technical parameters		NADO 500/140 v2	NADO 750/140 v2	NADO 1000/140 v2
Order number		1213803291	1216803291	1215803291
Heating water volume in tank	[l]	475	772	999
Volume of storage tank for HW heating	[l]	140		
Weight including insulation (without water)	[kg]	154	181	195
Max. operating temperature / pressure in tank	[°C] / [bar]	90 / 3		
Max. operating temperature / pressure in HW storage tank	[°C] / [bar]	90 / 6		
Heat transfer surface of HW storage tank	[m²]	1,43		
Max. operating temperature / pressure in exchanger	[°C] / [bar]	110 / 10		
Heat transfer surface of exchanger	[m²]	1,4		
Exchanger volume flow rate	[m³•h⁻¹]	0,3		
Exchanger volume	[l]	10,5		
Capacity of hot water 40 °C at storage tank temperature 53 °C and inlet water 15 °C / HW flow rate*	[l] / [l•min⁻¹]	260/5	490/5	750/5
Capacity of hot water 40 °C at storage tank temperature 80 °C and inlet water 15 °C / HW flow rate*	[l] / [l•min⁻¹]	650/5	1170/5	1450/5
Insulation thickness (Neodul LB PP)	[mm]	80		
Heat conductivity of insulation (Neodul LB PP)	[W•m⁻¹•K⁻¹]	0,032		
Max. number × output of TPK 210-12	[ks] × [kW]	1 × 6	1 × 12	
Max. number × output of TJ 6/4"	[ks] × [kW]	1 × 9		
Energy efficiency class (Neodul LB PP)		B	C	
Standing loss (Neodul LB PP)	[W]	79	116	128

Tank dimensions		NADO 500/140 v2	NADO 750/140 v2	NADO 1000/140 v2
Tank diameter	∅ d	600	750	850
Tank diameter with insulation	∅ D	760	910	1010
Total tank height	L	1970	2030	2040
Tilting height	L_K	1990	2050	2060
Discharging connection	A	100	100	100
Z/T circuit socket	B	270	282	297
Z/T circuit socket	C	958	970	985
Z/T circuit socket	E	1644	1656	1671
Sensor pocket socket	F	505	517	532
Sensor pocket socket	G	1554	1566	1581
Max. number × output of TJ6/4"	I	937	950	965
Heat exchanger socket	J	360	344	387
Heat exchanger socket	K	888	872	915
Flange socket	M	353	366	381



NADO 500/140 v2