

borpan[®]

sustainable energy solutions for a better world



**WATER HEATERS
STORAGE TANKS**

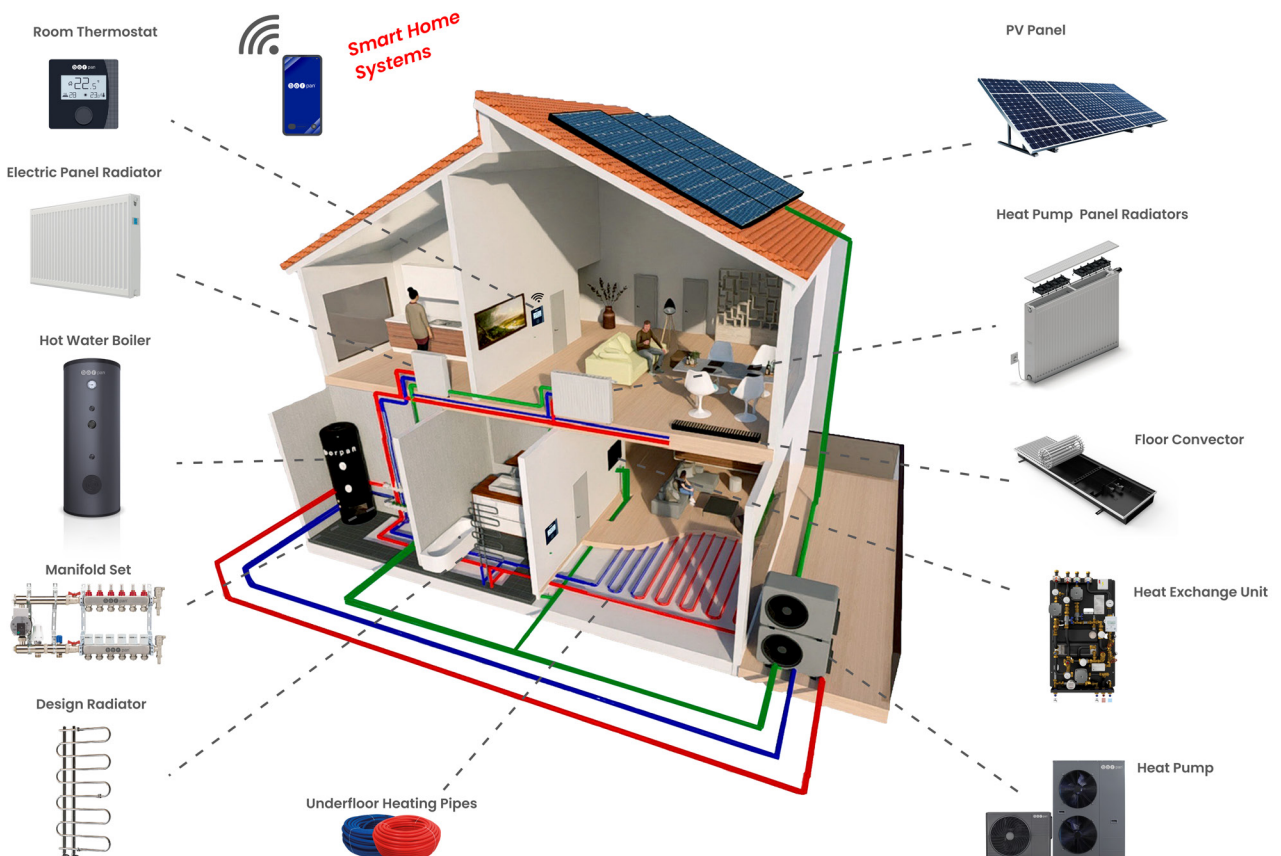
Sustainable energy solutions for a better world

BORPAN, a brand of BEDISA Inc. Co., is one of the Türkiye's leading manufacturers. With the latest production technology available in the world, our plant covers 42.500 m² indoor area on a 80.000 m² outdoor area located in Aksaray Organized Industrial Zone.

BORPAN specializes in the following HVAC products;

- Hydronic, Electric and Heat Pump Panel Radiators
- Water Heaters and Storage Tanks
- Underfloor Heating Systems
- Room Thermostat and Accessories
- Heat Interface Units
- Heat Pump
- PV Panels
- Floor Convectors
- Towel & Design Radiators
- Valves and Fittings

BORPAN exports to over 60 countries across 6 continents and maintains an extensive dealer network across many throughout Türkiye.





Volume
100L-3000L

Maximum Heating Power
272 kW_h

Maximum Solar Collector Area
87 m²

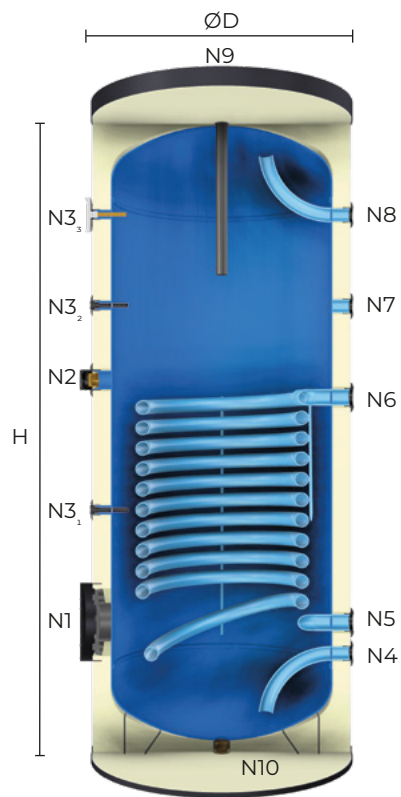
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB001.1	BKNB001.2	BKNB001.3	BKNB001.4	BKNB001.5	BKNB001.6	BKNB001.7	BKNB001.8	BKNB001.9	BKNB001.10	BKNB001.11
Capacity	V	lt	100	160	200	300	500	800	1000	1500	2000	2500	3000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	480	580	580	580	740	910	1010	1120	1310	1460	1460
Height	H	mm	1110	1135	1340	1860	1845	2110	2070	2375	2280	2160	2580
Cleaning & Control Flange Diameter	N1	inch	Ø100	Ø100	Ø100	Ø100	Ø100	Ø125	Ø125	Ø125	Ø125	Ø125	Ø125
Electric Heater Connection	N2	inch	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	¾"	¾"	¾"	¾"	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Circulation Return Connection	N7	inch	¾"	¾"	¾"	¾"	¾"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Domestic Hot Water Outlet Connection	N8	inch	¾"	¾"	¾"	¾"	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Magnesium Anode Connection	N9	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N10	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"
Gross Weight	G	kg	52	75	88	98	150	245	260	360	455	650	735
Tilt Height	R	mm	1210	1275	1460	1950	1990	2300	2305	2625	2630	2610	2965



Volume
100L-500L

Maximum Heating Power
66 kW_h

Maximum Solar Collector Area
19 m²

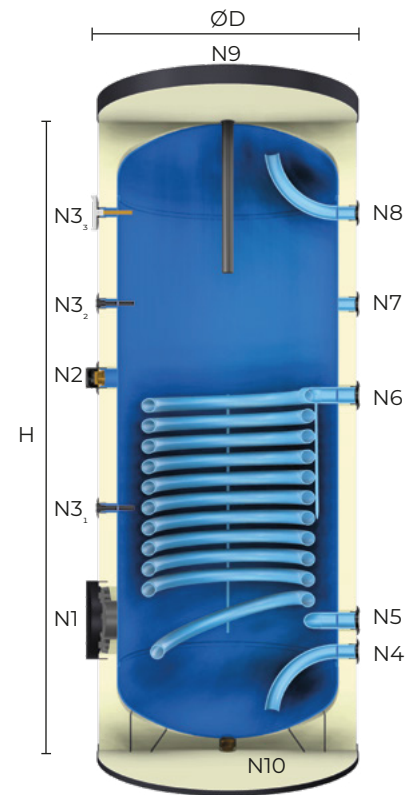
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
6bar / 10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB02.1	BKNB02.2	BKNB02.3	BKNB02.4	BKNB02.5
Capacity	V	lt	100	160	200	300	500
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	PU/50
Diameter	ØD	mm	480	580	580	580	740
Height	H	mm	1110	1135	1340	1860	1845
Cleaning & Control Flange Diameter	N1	inch	Ø100	Ø100	Ø100	Ø100	Ø100
Electric Heater Connection	N2	inch	1½"	1½"	1½"	1½"	1½"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	¾"	¾"	¾"	1"	1"
Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1"	1¼"	1¼"	1¼"	1¼"
Circulation Return Connection	N7	inch	¾"	¾"	¾"	¾"	¾"
Domestic Hot Water Outlet Connection	N8	inch	¾"	¾"	¾"	1"	1"
Magnesium Anode Connection	N9	inch	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N10	inch	1¼"	1¼"	1¼"	1¼"	1¼"
Gross Weight	G	kg	52	68	76	98	135
Tilt Height	R	mm	1210	1275	1460	1950	1990



Volume
160L-3000L

Upper Heat Exchanger Maximum Heating Power
141 kW_h

Lower Heat Exchanger Maximum Heating Power
272 kW_h

Maximum Solar Collector Area
87 m²

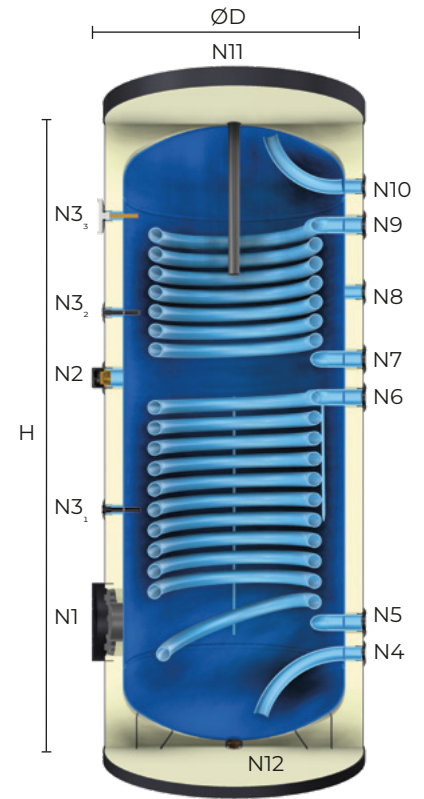
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB003.1	BKNB003.2	BKNB003.3	BKNB003.4	BKNB003.5	BKNB003.6	BKNB003.7	BKNB003.8	BKNB003.9	BKNB003.10
Capacity	V	lt	160	200	300	500	800	1000	1500	2000	2500	3000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	580	580	580	740	910	1010	1120	1310	1460	1460
Height	H	mm	1135	1340	1860	1845	2110	2070	2375	2280	2160	2580
Cleaning & Control Flange Diameter	N1	inch	Ø100	Ø100	Ø100	Ø100	Ø125	Ø125	Ø125	Ø125	Ø125	Ø125
Electric Heater Connection	N2	inch	1½"	1½"	1½"	1½"	2"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	¾"	¾"	¾"	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	N7-N9	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Circulation Return Connection	N8	inch	¾"	¾"	¾"	¾"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Domestic Hot Water Outlet Connection	N10	inch	¾"	¾"	¾"	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Magnesium Anode Connection	N11	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N12	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"
Gross Weight	G	kg	82	91	104	178	275	290	390	500	720	805
Tilt Height	R	mm	1275	1460	1950	1990	2300	2305	2625	2630	2610	2965



Volume
160L-500L

Upper Heat Exchanger Maximum Heating Power
41 kW_h

Lower Heat Exchanger Maximum Heating Power
55 kW_h

Maximum Solar Collector Area
29 m²

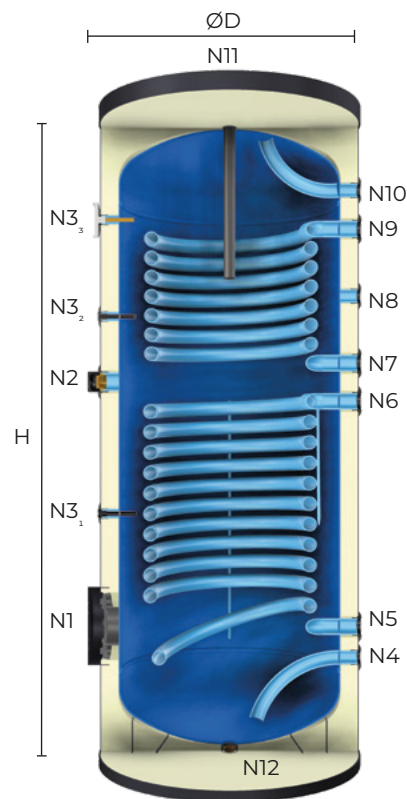
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
6 bar / 10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB004.1	BKNB004.2	BKNB004.3	BKNB004.5
Capacity	V	lt	160	200	300	500
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50
Diameter	ØD	mm	580	580	580	740
Height	H	mm	1135	1340	1860	1845
Cleaning & Control Flange Diameter	N1	inch	Ø100	Ø100	Ø100	Ø100
Electric Heater Connection	N2	inch	1½"	1½"	1½"	1½"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	¾"	¾"	1"	1"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1¼"	1¼"	1¼"	1¼"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	N7-N9	inch	1¼"	1¼"	1¼"	1¼"
Circulation Return Connection	N8	inch	¾"	¾"	¾"	¾"
Domestic Hot Water Outlet Connection	N10	inch	¾"	¾"	1"	1"
Magnesium Anode Connection	N11	inch	1¼"	1¼"	1¼"	1¼"
Blind Connection	N12	inch	1¼"	1¼"	1¼"	1¼"
Gross Weight	G	kg	80	87	104	155
Tilt Height	R	mm	1275	1460	1950	1990

BKNB005 SINGLE ROW COIL HEAT PUMP WATER HEATER



Volume
160L-500L

Maximum Heating Power
251 kW_h

Maximum Solar Collector Area
54 m²

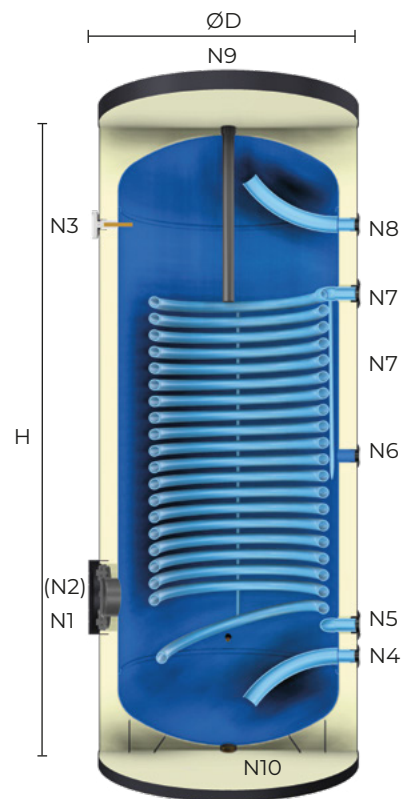
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB005.1	BKNB005.2	BKNB005.3	BKNB005.4
Capacity	V	lt	160	200	300	500
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50
Diameter	ØD	mm	580	580	700	740
Height	H	mm	1135	1340	1220	1845
Cleaning & Control Flange Diameter	N1	inch	Ø100	Ø100	Ø100	Ø100
Electric Heater Connection	N2	inch	1½"	1½"	1½"	1½"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	¾"	¾"	1"	1"
Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N7	inch	1"	1"	1"	1"
Circulation Return Connection	N6	inch	¾"	¾"	1"	1"
Domestic Hot Water Outlet Connection	N8	inch	¾"	¾"	1"	1"
Magnesium Anode Connection	N9	inch	1¼"	1¼"	1¼"	1¼"
Blind Connection	N10	inch	1¼"	1¼"	1¼"	1¼"
Gross Weight	G	kg	80	92	120	165
Tilt Height	R	mm	1275	1460	1410	1990

BKNB006 DOUBLE ROW COIL HEAT PUMP WATER HEATER



Volume
160L-500L

Maximum Heating Power
218 kW_h

Maximum Solar Collector Area
17 m²

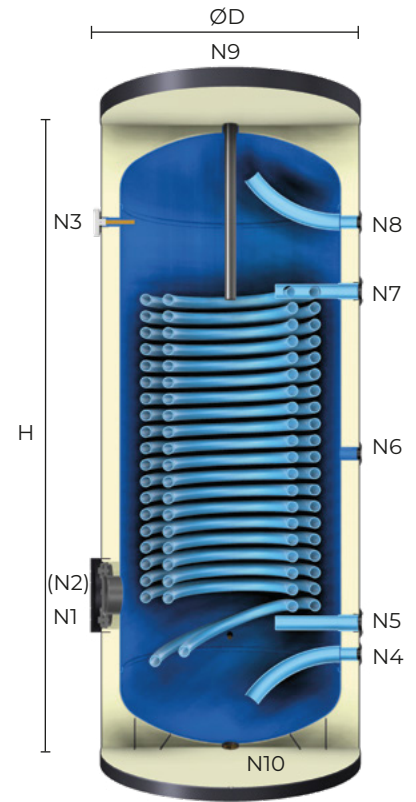
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB006.1	BKNB006.2	BKNB006.3	BKNB005.4
Capacity	V	lt	160	200	300	500
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50
Diameter	ØD	mm	580	580	700	740
Height	H	mm	1135	1340	1220	1845
Cleaning & Control Flange Diameter	N1	inch	Ø100	Ø100	Ø100	Ø100
Electric Heater Connection	N2	inch	1½"	1½"	1½"	1½"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	¾"	¾"	1"	1"
Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N7	inch	1¼"	1¼"	1¼"	1¼"
Circulation Return Connection	N6	inch	¾"	¾"	1"	1"
Domestic Hot Water Outlet Connection	N8	inch	¾"	¾"	1"	1"
Magnesium Anode Connection	N9	inch	1¼"	1¼"	1¼"	1¼"
Blind Connection	N10	inch	1¼"	1¼"	1¼"	1¼"
Gross Weight	G	kg	95	113	150	210
Tilt Height	R	mm	1275	1460	1410	1990



Volume
200L-1000L

Upper Heat Exchanger Maximum Heating Power
161 kW_h

Lower Heat Exchanger Maximum Solar Collector Area
10 m²

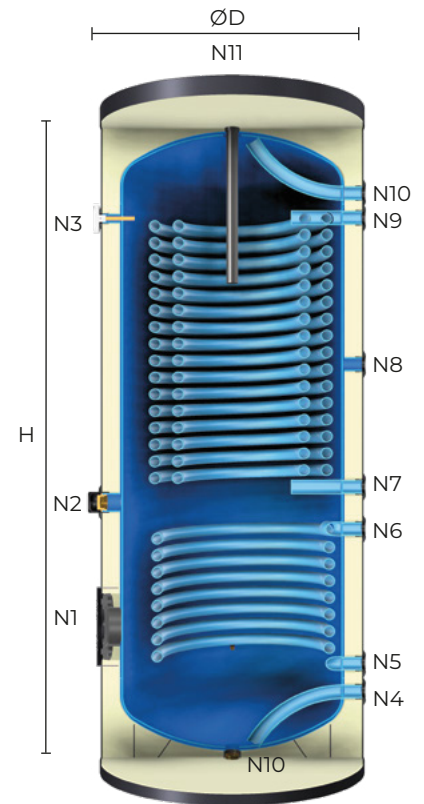
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB007.1	BKNB007.2	BKNB007.3	BKNB007.4	BKNB007.5
Capacity	V	lt	200	300	500	800	1000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	SPU/80	SPU/80
Diameter	ØD	mm	580	580	740	910	1010
Height	H	mm	1340	1860	1845	2110	2200
Cleaning & Control Flange Diameter	N1	inch	Ø100	Ø100	Ø100	Ø125	Ø125
Electric Heater Connection	N2	inch	1½"	1½"	1½"	2"	2"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	1"	1"	1"	1¼"	1¼"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1"	1"	1"	1"	1"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	N7-N9	inch	1¼"	1¼"	1¼"	1¼"	1¼"
Circulation Return Connection	N8	inch	1"	1"	1"	1¼"	1¼"
Domestic Hot Water Outlet Connection	N10	inch	1"	1"	1"	1¼"	1¼"
Magnesium Anode Connection	N11	inch	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N12	inch	1¼"	1¼"	1¼"	1¼"	1¼"
Gross Weight	G	kg	113	156	165	310	340
Tilt Height	R	mm	1460	1950	1990	2300	2420

BKNB08 SINGLE COPPER COIL WATER HEATER

borpan | 9



Volume
800L-5000L

Maximum Heating Power
466 kW_h

Maximum Solar Collector Area
110 m²

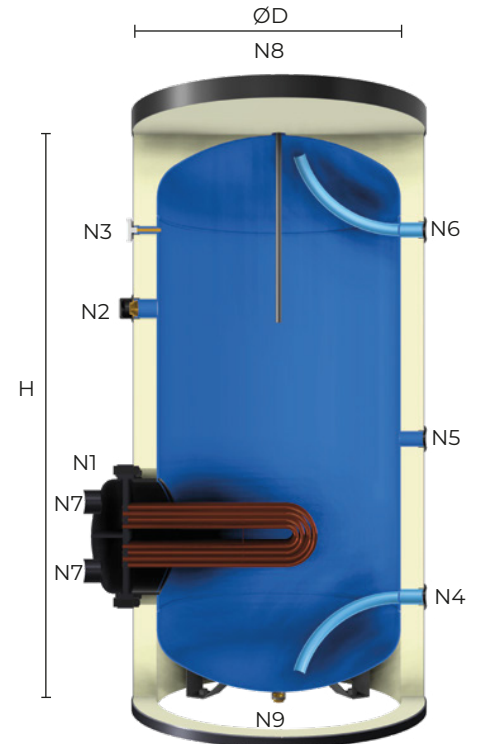
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar / 16 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB008.1	BKNB008.2	BKNB008.3	BKNB008.4	BKNB008.5	BKNB008.6	BKNB008.7	BKNB008.8
Capacity	V	lt	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	910	1010	1120	1310	1460	1460	1660	1660
Height	H	mm	2110	2070	2375	2280	2160	2580	2575	3230
Heat Exchanger (Coil) Flange Diameter	ØN1	mm	Ø400	Ø400	Ø400	Ø400	Ø400	Ø500	Ø500	Ø500
Electric Heater Connection	N2	inch	2"	2"	2"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"
Circulation Return Connection	N5	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"
Domestic Hot Water Outlet Connection	N6	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"
Heat Exchanger (Coil) Inlet/Outlet Connections	N7	inch	1½"	2"	2"	2½"	2½"	2½"	3"	3"
Electronic Anode Connection	N8	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N9	inch	1¼"	1¼"	2"	2"	2"	2"	2"	2"
Gross Weight	G	kg	263	279	376	462	623	700	897	1048
Tilt Height	R	mm	2300	2305	2625	2630	2610	2965	3065	3635

BKNB009 DOUBLE COPPER COIL WATER HEATER



Volume
800L-5000L

Upper Heat Exchanger Maximum Heating Power
208 kW_h

Lower Heat Exchanger Maximum Heating Power
466 kW_h

Maximum Solar Collector Area
110 m²

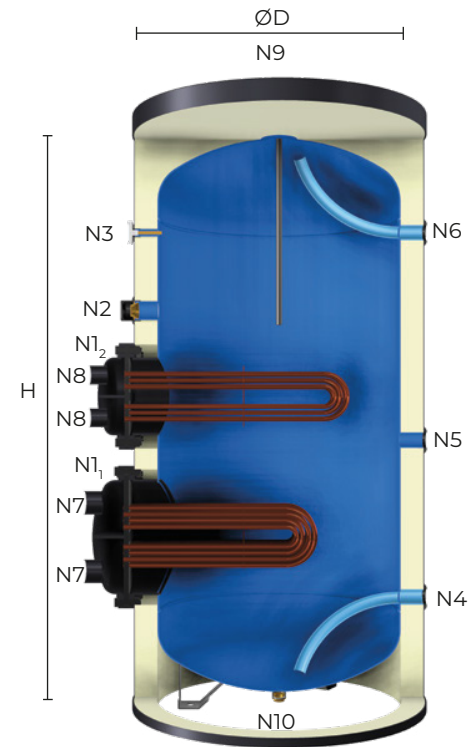
Heat Exchanger Maximum Operating Temperature
110 °C

Heat Exchanger Maximum Operating Pressure
10 bar / 16 bar

Domestic Hot Water Maximum Operating Temperature
95 °C

Domestic Hot Water Maximum Operating Pressure
10 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB009.1	BKNB009.2	BKNB009.3	BKNB009.4	BKNB009.5	BKNB009.6	BKNB009.7	BKNB009.8
Capacity	V	lt	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	910	1010	1120	1310	1460	1460	1660	1660
Height	H	mm	2110	2070	2375	2280	2160	2580	2575	3230
Lower Heat Exchanger (Coil) Flange Connection	ØN1 ₁	mm	Ø400	Ø400	Ø400	Ø400	Ø400	Ø500	Ø500	Ø500
Upper Heat Exchanger (Coil) Flange Connection	ØN1 ₂	mm	Ø274	Ø274	Ø274	Ø324	Ø400	Ø400	Ø400	Ø400
Electric Heater Connection	N2	inch	2"	2"	2"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N4	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"
Circulation Return Connection	N5	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"
Domestic Hot Water Outlet Connection	N6	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	N7	inch	2½"	2½"	2½"	2½"	2½"	2½"	3"	3"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	N8	inch	1¼"	1¼"	1¼"	1½"	1½"	2"	2"	2"
Electronic Anode Connection	N9	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N10	inch	1¼"	1¼"	2"	2"	2"	2"	2"	2"
Gross Weight	G	kg	309	327	427	526	697	775	981	1136
Tilt Height	R	mm	2300	2305	2625	2630	2610	2965	3065	3635



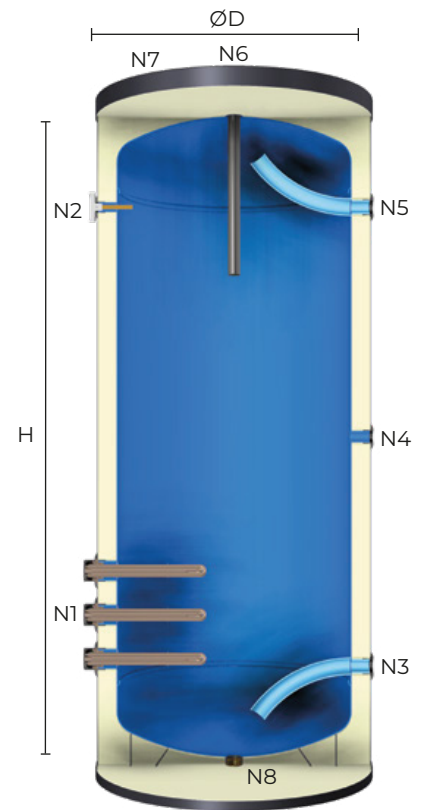
Volume
100L – 5000L

Maximum Electrical Heating Power
105 kW_e

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
10 Bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB010.1	BKNB010.2	BKNB010.3	BKNB010.4	BKNB010.5	BKNB010.6	BKNB010.7	BKNB010.8	BKNB010.9	BKNB010.10	BKNB010.11	BKNB010.12	BKNB010.13
Capacity	V	lt	100	160	200	300	500	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	480	580	580	580	740	910	1010	1120	1310	1460	1460	1660	1660
Height	H	mm	1110	1135	1340	1860	1845	2110	2070	2375	2280	2160	2580	2575	3230
Electric Heater Connection	N1	inch	THE HEATER MAY BE CHOSEN OPTIONALLY												
Thermometer / Steel Sensor Tube Connections	N2	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9
Domestic Cold Water Inlet Connection	N3	inch	¾"	¾"	¾"	¾"	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"
Circulation Return Connection	N4	inch	¾"	¾"	¾"	¾"	¾"	1"	1"	1"	1"	1"	1¼"	1¼"	1¼"
Domestic Hot Water Outlet Connection	N5	inch	¾"	¾"	¾"	¾"	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"
Magnesium Anode Connection	N6	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
P&T Valve Connection	N7	inch	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Blind Connection	N8	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"	2"	2"
Gross Weight	G	kg	THE WEIGHT OF THE PRODUCTS MAY VARY ACCORDING TO CHOSEN HEATER/S. THE WEIGHT OF THE PRODUCTS WITHOUT HEATER/S ARE EQUAL TO ENAMELED ACCUMULATION TANK.												
Tilt Height	R	mm	1210	1275	1460	1950	1990	2300	2305	2625	2630	2610	2965	3065	3635

BKNB011 KAT ENAMELLED ACCUMULATION TANK

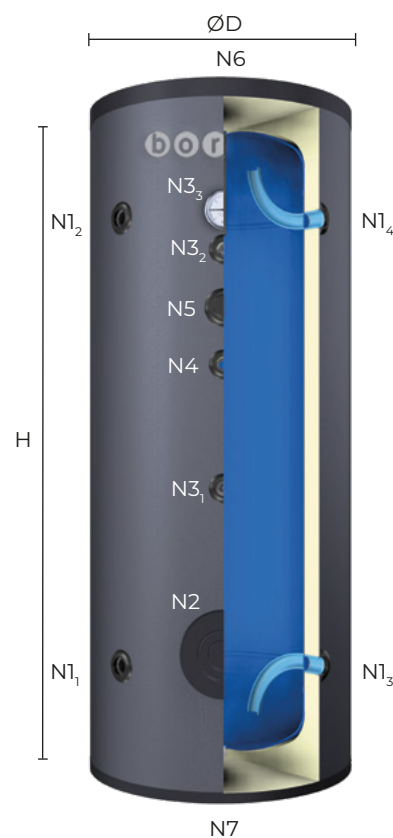


Volume
100L – 5000L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
10 Bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB011.1	BKNB011.2	BKNB011.3	BKNB011.4	BKNB011.5	BKNB011.6	BKNB011.7	BKNB011.8	BKNB011.9	BKNB011.10	BKNB011.11	BKNB011.12	BKNB011.13
Capacity	V	lt	100	160	200	300	500	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	480	580	580	580	740	910	1010	1120	1310	1460	1460	1660	1660
Height	H	mm	1110	1135	1340	1860	1845	2110	2070	2375	2280	2160	2580	2575	3230
Primary/Secondary Energy Inlet/Outlet Connections	N1	inch	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"	2"	2"	3"	3"
Cleaning & Control Flange Diameter	N2	inch	Ø100	Ø100	Ø100	Ø100	Ø100	Ø125	Ø125	Ø125	Ø125	Ø125	Ø125	Ø125	Ø125
Thermometer / Steel Sensor Tube Connections	N3	inch/mm	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9	½"/9
Circulation Return Connection	N4	inch	¾"	¾"	¾"	¾"	¾"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"
Electric Heater Connection	N5	inch	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	2"	2"	2"	2"	2"
Magnesium Anode Connection	N6	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N7	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"	2"	2"
Gross Weight	G	kg	40	58	65	75	113	190	205	295	370	520	575	760	890
Tilt Height	R	mm	1210	1275	1460	1950	1990	2300	2305	2625	2630	2610	2965	3065	3635

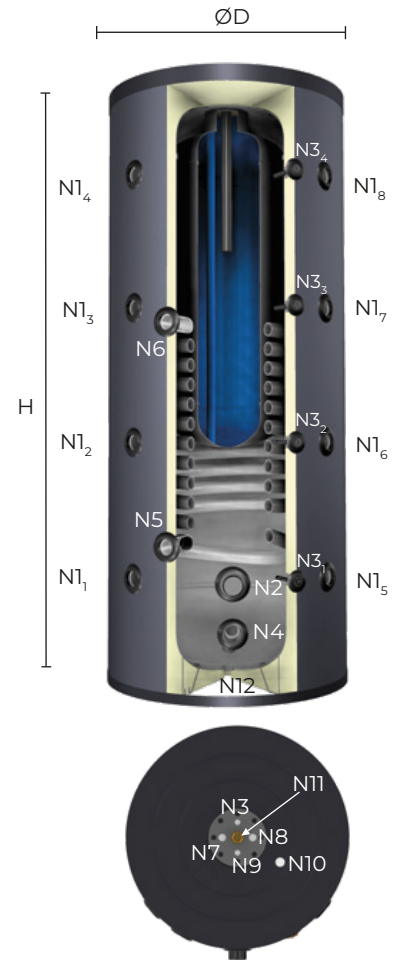


Volume
500L/100L-2000L/350L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
Inner Tank: 6 bar / Outer Tank: 3 bar

Inner Surface Coating
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.



	Code	Unit	BKNB012.1	BKNB012.2	BKNB012.3	BKNB012.4	BKNB012.5	BKNB012.6	BKNB012.7	BKNB012.8	BKNB012.9
Capacity	V	lt	500/100	500/160	800/160	1000/160	1000/200	1500/200	1500/350	2000/200	2000/350
Insulation Type & Thickness	i	mm	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	740	740	910	1010	1010	1120	1120	1310	1260
Height	H	mm	1845	1845	2110	2070	2070	2375	375	2280	2280
Primary/Secondary Energy Inlet/Outlet Connections	N1	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"
Electric Heater Connection	N2	inch	1½"	1½"	2"	2"	2"	2"	2"	2"	2"
Thermometer & Sensor Tube Connections	N3	inch	½"	½"	½"	½"	½"	½"	½"	½"	½"
Drain Connection	N4	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"
Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Domestic Cold Water Inlet Connection	N7	inch	¾"	¾"	¾"	¾"	¾"	¾"	1"	1"	1"
Domestic Hot Water Outlet Connection	N8	inch	¾"	¾"	¾"	¾"	¾"	¾"	1"	1"	1"
Inner Tank Air Ventilation Connections	N9	inch	½"	½"	½"	½"	½"	½"	½"	½"	½"
Outer Tank Air Ventilation Connections	N10	inch	½"	½"	½"	½"	½"	½"	½"	½"	½"
Magnesium Anode Connection	N11	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N12	inch	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"
Gross Weight	G	kg	176	190	290	305	317	415	427	510	522
Tilt Height	R	mm	1990	1990	2300	2305	2305	2625	2625	2630	2605

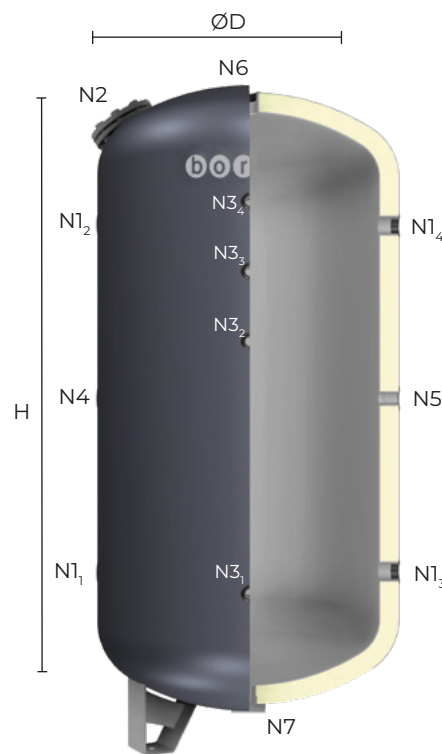


Volume
800L – 5000L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
10 Bar / 16 bar

Inner Surface Coating
Tank is made of S355J2 quality steel and galvanized in accordance with TS EN ISO 1461 standard.



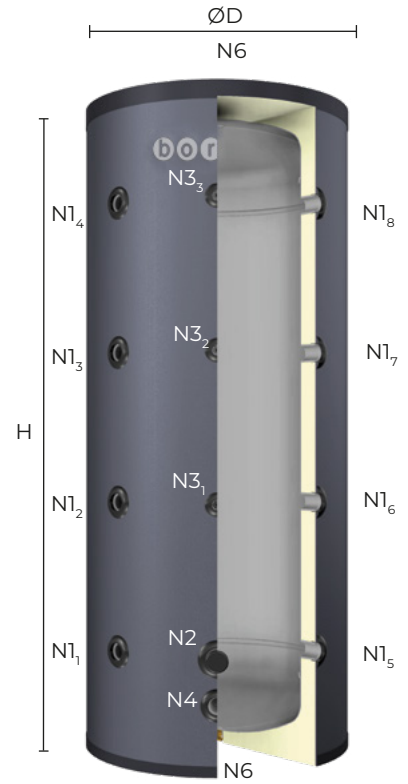
	Code	Unit	BKNB013.1	BKNB013.2	BKNB013.3	BKNB013.4	BKNB013.5	BKNB013.6	BKNB013.7	BKNB013.8
Capacity	V	lt	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	SPU/60	SPU/60	SPU/60	SPU/60	SPU/60	SPU/60	SPU/60	SPU/60
Diameter	ØD	mm	870	970	1080	1270	1420	1420	1620	1620
Height	H	mm	2100	2090	2150	2650	2480	2880	2820	3420
Primary/Secondary Energy Inlet/Outlet Connections	N1	inch	1½"	2"	2½"	2½"	3"	3"	3"	3"
Cleaning & Control Flange Diameter	N2	DN	DN100	DN100	DN125	DN125	DN150	DN150	DN150	DN150
Thermometer & Sensor Connections	N3	inch	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Electric Heater Connection	N4	inch	1"	1¼"	1½"	1½"	2"	2"	2"	2"
Circulation Return Connection	N5	inch	1"	1¼"	1½"	1½"	2"	2"	2"	2"
Air Ventilation Connection	N6	inch	1½"	2"	2½"	2½"	3"	3"	3"	3"
Blind Connection	N7	inch	1"	1¼"	1½"	1½"	2"	2"	2"	2"
Gross Weight	G	kg	220	250	360	420	490	540	820	930
Tilt Height	R	mm	2275	2305	2475	2920	2860	3215	3255	3790



Volume
100L – 5000L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
6 Bar



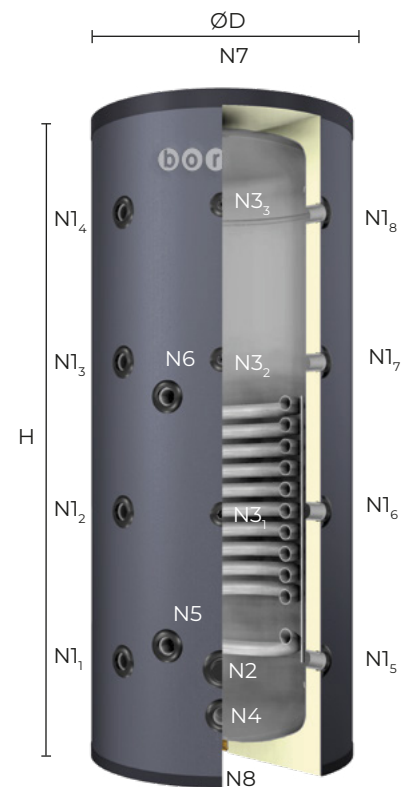
	Code	Unit	BKNB014.1	BKNB014.2	BKNB014.3	BKNB014.4	BKNB014.5	BKNB014.6	BKNB014.7	BKNB014.8	BKNB014.9	BKNB014.10	BKNB014.11	BKNB014.12	BKNB014.13
Capacity	V	lt	100	160	200	300	500	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	480	580	580	700	740	910	1010	1120	1310	1460	1460	1660	1660
Height	H	mm	1110	1135	1340	1220	1845	2110	2070	2375	2280	2160	2580	2575	3230
Primary/Secondary Energy Inlet/Outlet Connections*	N1	inch	1"	1¼"	1¾"	1¾"	1¾"	1½"	1½"	1½"	1½"	2"	2"	3"	3"
Electric Heater Connection	N2	inch	-	-	-	-	1½"	2"	2"	2"	2"	2"	2"	2"	2"
Thermometer & Sensor Tube Connections	N3	inch	½"	½"	½"	½"	½"	½"	½"	½"	½"	½"	½"	½"	½"
Drain Connection	N4	inch	1"	1¼"	1¾"	1¾"	1¾"	1½"	1½"	1½"	1½"	2"	2"	3"	3"
Air Ventilation Connection	N5	inch	1¼"	1¼"	1¾"	1¾"	1¾"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N6	inch	1¼"	1¼"	1¾"	1¾"	1¾"	1¼"	1¼"	2"	2"	2"	2"	2"	2"
Gross Weight	G	kg	36	54	60	70	106	183	197	286	360	510	563	745	870
Tilt Height	R	mm	1210	1275	1460	1410	1990	2300	2305	2625	2630	2610	2965	3065	3635



Volume
160L – 3000L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
6 Bar



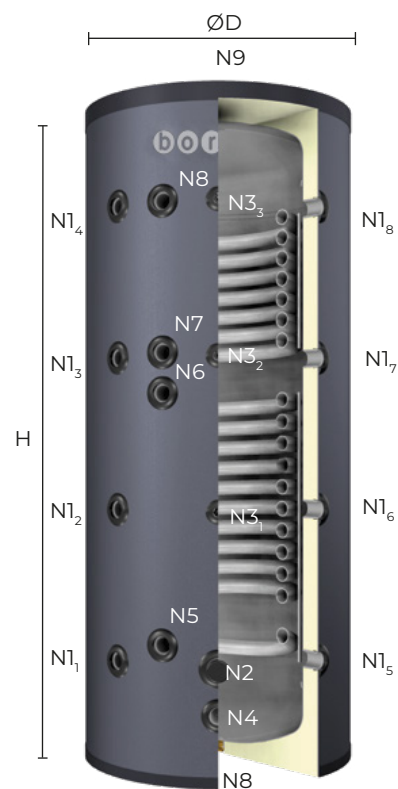
	Code	Unit	BKNB015.1	BKNB015.2	BKNB015.3	BKNB015.4	BKNB015.5	BKNB015.6	BKNB015.7	BKNB015.8	BKNB015.9	BKNB015.10
Capacity	V	lt	160	200	300	500	800	1000	1500	2000	2500	3000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	580	580	700	740	910	1010	1120	1310	1460	1460
Height	H	mm	1135	1340	1220	1845	2110	2070	2375	2280	2160	2580
Primary/Secondary Energy Inlet/Outlet Connections*	N1	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"	2"	2"
Electric Heater Connection	N2	inch	-	-	-	1½"	2"	2"	2"	2"	2"	2"
Thermometer & Sensor Tube Connections	N3	inch	½"	½"	½"	½"	½"	½"	½"	½"	½"	½"
Drain Connection	N4	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"	2"	2"
Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Air Ventilation Connection	N7	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N8	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"
Gross Weight	G	kg	70	71	93	143	238	252	351	445	640	722
Tilt Height	R	mm	1275	1460	1410	1990	2300	2305	2625	2630	2610	2965



Volume
160L – 3000L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
6 Bar



	Code	Unit	BKNB016.1	BKNB016.2	BKNB016.3	BKNB016.4	BKNB016.5	BKNB016.6	BKNB016.7	BKNB016.8	BKNB016.9	BKNB016.10
Capacity	V	lt	160	200	300	500	800	1000	1500	2000	2500	3000
Insulation Type & Thickness	i	mm	PU/50	PU/50	PU/50	PU/50	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	580	580	700	740	910	1010	1120	1310	1460	1460
Height	H	mm	1135	1340	1220	1845	2110	2070	2375	2280	2160	2580
Primary/Secondary Energy Inlet/Outlet Connections	N1	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"	2"	2"
Electric Heater Connection	N2	inch	-	-	-	1½"	2"	2"	2"	2"	2"	2"
Thermometer & Sensor Tube Connections	N3	inch	½"	½"	½"	½"	½"	½"	½"	½"	½"	½"
Drain Connection	N4	inch	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"	2"	2"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	N5-N6	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	N7-N8	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"
Air Ventilation Connection	N9	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N10	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"
Gross Weight	G	kg	78	86	102	170	268	282	381	490	710	793
Tilt Height	R	mm	1275	1460	1410	1990	2300	2305	2625	2630	2610	2965

BKNB017 HYDRAULIC BALANCING BUFFER TANK

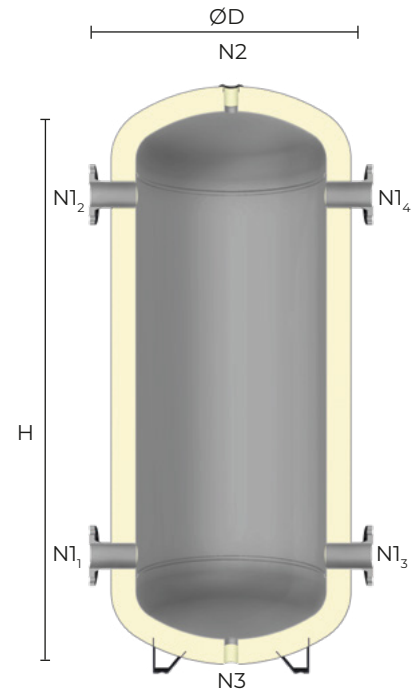


Volume
100L – 5000L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
6 Bar

Flange Connection Pressure Class
PN16



	Code	Unit	BKNB0017.1	BKNB0017.2	BKNB0017.3	BKNB0017.4	BKNB0017.5	BKNB0017.6	BKNB0017.7	BKNB0017.8	BKNB0017.9	BKNB0017.10	BKNB0017.11
Capacity	V	lt	100	300	500	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	540	760	800	910	1010	1120	1310	1460	1460	1660	1660
Height	H	mm	1115	1225	1850	2110	2070	2375	2280	2160	2580	2575	3230
Primary/Secondary Energy Inlet/Outlet Connections	N1	inch/DN	Threaded 1½"	Threaded 2"	Threaded 2½"	Flanged DN80	Flanged DN100	Flanged DN125	Flanged DN125	Flanged DN150	Flanged DN150	Flanged DN200	Flanged DN200
Air Ventilation Connection	N2	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N3	inch	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"	2"	2"
Gross Weight	G	kg	46	80	118	199	215	311	385	540	593	806	931
Tilt Height	R	mm	1240	1440	2015	2300	2305	2625	2630	2610	2965	3065	3635

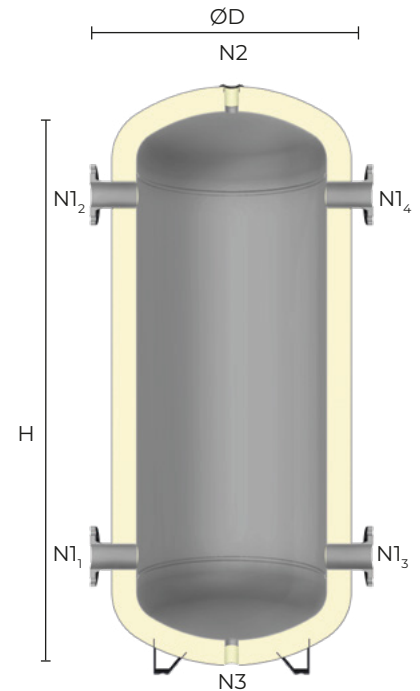


Volume
100L – 5000L

Domestic Hot Water Maximum Operating Temperature
95°C

Domestic Hot Water Maximum Operating Pressure
6 Bar

Flange Connection Pressure Class
PN16



	Code	Unit	BKNB018.1	BKNB018.2	BKNB018.3	BKNB018.4	BKNB018.5	BKNB018.6	BKNB018.7	BKNB018.8	BKNB018.9	BKNB018.10	BKNB018.11
Capacity	V	lt	100	300	500	800	1000	1500	2000	2500	3000	4000	5000
Insulation Type & Thickness	i	mm	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80	SPU/80
Diameter	ØD	mm	540	760	800	910	1010	1120	1310	1460	1460	1660	1660
Height	H	mm	1115	1225	1850	2110	2070	2375	2280	2160	2580	2575	3230
Number of Baffle & Energy Inlet/Outlet Locations	-	pieces/-	1/ inlet: on top outlet: on top				2/ inlet: on bottom outlet: on top				3/ inlet: on bottom outlet: on bottom		
Primary/Secondary Energy Inlet/Outlet Connections	N1	DN	Flanged DN50	Flanged DN50	Flanged DN65	Flanged DN80	Flanged DN100	Flanged DN125	Flanged DN125	Flanged DN150	Flanged DN150	Flanged DN200	Flanged DN200
Air Ventilation Connection	N2	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"
Blind Connection	N3	inch	1¼"	1¼"	1¼"	1¼"	1¼"	2"	2"	2"	2"	2"	2"
Gross Weight	G	kg	40	78	117	198	232	325	405	577	701	894	931
Tilt Height	R	mm	1240	1440	2015	2300	2305	2625	2630	2610	2965	3065	3635

BKNB019 AUTOMATIC PUMP CONTROLLED EXPANSION SYSTEM



Automatic Pump Controlled Expansion System is a technological devices developed to absorb the volume changes that may occur at the heating and cooling systems and stabilize the installment pressure.

Considering the expansion and contraction of water due to the temperature variation, the amount of water changes in the system. The device keeps the pressure in the installment in balance with 0,1 bar precision by transmitting the water among the tank and installment through the proportioning valves and pumps.



Volume
Min. 500L

Tank
51.1l Enameled Accumulation Tank

Pump
Grundfos CM Serie

Control System
7" Touch Panel

Maximum Operating Temperature
95 °C

Maximum Operating Pressure
6 bar / 10 bar / 16 bar

Control Circuit Voltage
230 V AC

Automatic Filling System
Available

	Code	Unit	BKNB019.1	BKNB019.2	BKNB019.3
Capacity	V	lt	min 500L	min 500L	min 500L
Maximum Allowable Working Pressure	P	bar	6	10	16
Width	D1	mm	650	650	650
Depth	D2	mm	650	650	650
Height	H	mm	960	960	960
Domestic Cold Water Inlet Connection	N1	inch	1"	1"	1"
Expansion Line Inlet Connection	N2	icnh	1"	1"	1"
Pressurization Line Outlet Connection	N3	inch	1"	1"	1"
Storage Tank Connection	N4	inch	1¼"	1¼"	1¼"
Maximum Flow Rate	Q	m ³ /h	6	1	3,2
Power	P _{power}	kW	1,8	2,7	4,9
Gross Weight	G	kg	135	142	160
Tilt Height	R	mm	1100	1100	1100



Office : İvedik OSB Mahallesi Maxivedik Plaza 1122 Cad.
No:20/48
Yenimahalle Ankara TÜRKİYE
+90 312 386 00 55 | info@bedisa.com.tr
www.bedisa.com.tr

Factory : Erenler OSB Mahallesi Mehmet Altınsoy Bulvarı
No : 20 Aksaray TÜRKİYE

12.03.2025 ENG