NBB

ACCUMULATION AND PRESSURISATION ASSEMBLY KIT

TECHNICAL DATA

Operating range:
From 10 to 120 litres/min. with head up to 72 m.
Liquid temperature range:
for domestic use: from 0°C to +35°C
Liquid quality requirements:
Suitable for potable water pursuant to
EN1717 and EN13077 European standards.
Maximum ambient temperature: +40°C
Max. operational pressure: 8 bar (800 kPa) for surface pump configurations.
Max. inlet pressure: 6 bar
Protection rating:
IP44 for surface pumps.
IP68 for submerged pumps.
Insulation class: F

APPLICATIONS

The NBB pressurization system comprises a water accumulation tank and a pump (w or w/o inverter).
NBB is the solution for the creation of a pressurization system
for domestic use, where the mains pressure is not sufficient and a system with a water accumulation tank is required.
This is based on a modular concept. The kit comprises an NBB tank, a submerged or surface pump, an inverter - in the event the pump does not have integrated electronics - and an installation kit, including an expansion tank, where one is not integrated with the pump.
In all of its many configurations, NBB stands out becuase of its small size, its easy use and in the inverter version, its energy saving convenience.

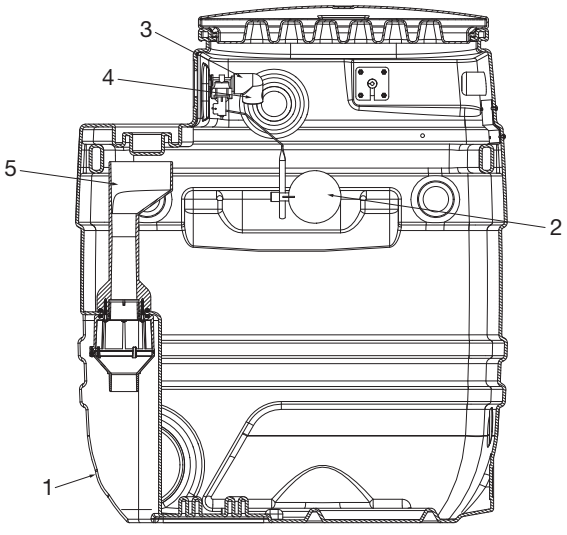
FEATURES

NBB comprises:
- 280 litre tank for potable water, compliant with the EN1717 and EN13077 European standards
- fill and overflow valves pre-assembled
- protective screen included in the kit.

Using the kit for the addition of the auxiliary 280 litre tank, the connection tube with gaskets and clamps, the system capacity may be doubled.
In addition to the NBB, the user may choose an assembly kit that meets the needs of the specific type of pump or a pump + inverter being installed.
The pump and inverter are not included in the kit. they must be ordered separately.
The installation kit includes all required accessories for installing the pump and inverter on the NBB tank.
The Pulsar and Euroinox installation kits a 4 litre expansion tank is provided for.

NBB MATERIALS

N°	PARTS	MATERIALS
1	TANK	TECHNOPOLYMER
2	FLOAT	TECHNOPOLYMER
3	90° ELBOW	TECHNOPOLYMER
4	AERATOR	TECHNOPOLYMER
5	OVERFLOW TUBE	TECHNOPOLYMER



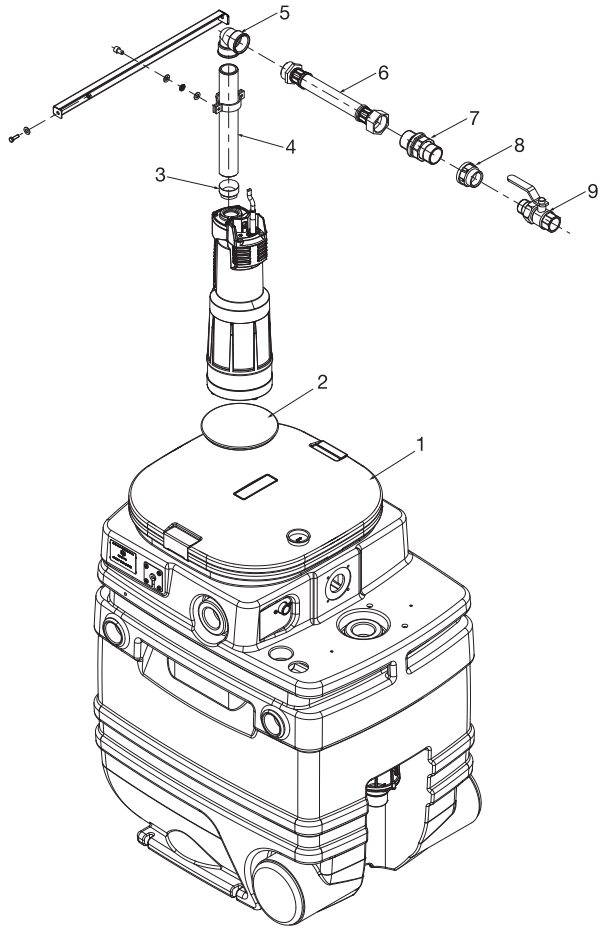
MATERIALS

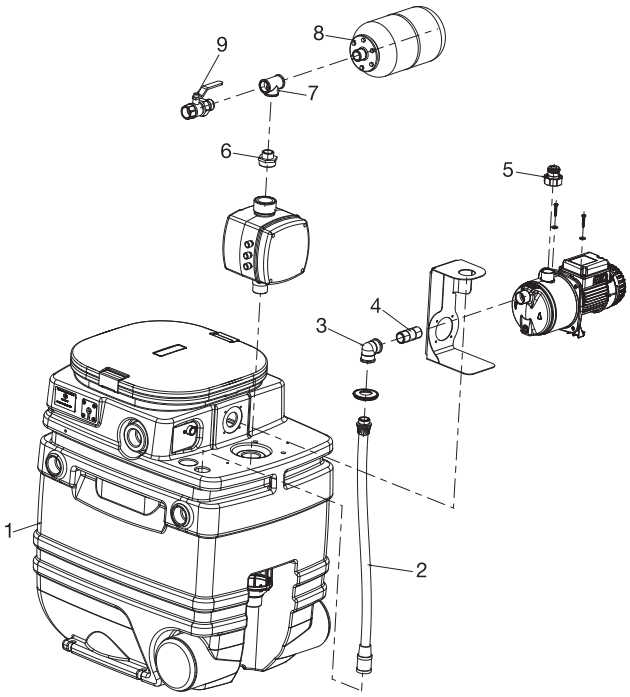
NBB+Divertron

N°	PARTS	MATERIALS
1	NBB TANK	TECHNOPOLYMER
2	ANTIVIBRATION	NBR
3	REDUCER	BRASS
4	M/M EXTENSION	BRASS
5	90° FITTING	BRASS
6	FLEX HOSE	AISI 304 STAINLESS STEEL
7	STRAIGHT FITTING	BRASS
8	REDUCER SLEEVE	BRASS
9	BALL VALVE	BRASS

NBB+Euroinox

N°	PARTS	MATERIALS
1	NBB TANK	TECHNOPOLYMER
2	SUCTION TUBE	TECHNOPOLYMER/BRASS
3	CURVE FITTING	BRASS
4	M/M EXTENSION	BRASS
5	2 PIECE FITTING	BRASS
6	NIPPLE	BRASS
7	T FITTING	BRASS
8	5 LITRE EXPANSION TANK	5 LITRE STEEL EXPANSION TANK STAINLESS/RUBBER
9	BALL VALVE	BRASS

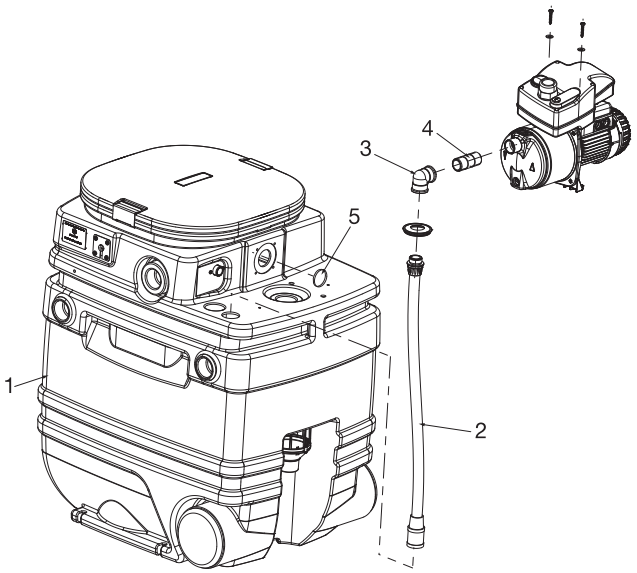




MATERIALS

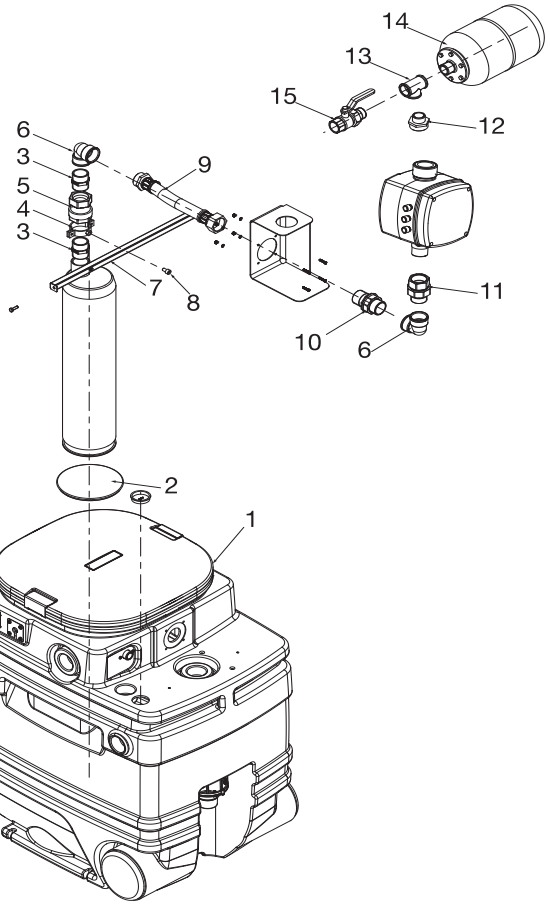
NBB+Active

N°	PARTS	MATERIALS
1	TANK	TECHNOPOLYMER
2	SUCTION TUBE	TECHNOPOLYMER/BRASS
3	CURVE FITTING	BRASS
4	M/M EXTENSION	BRASS
5	THREAD-SAVER PLUG	TECHNOPOLYMER



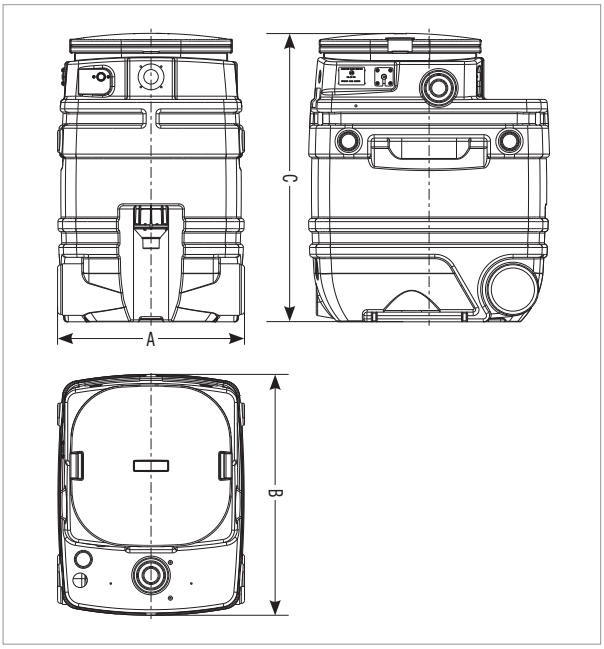
NBB+Pulsar

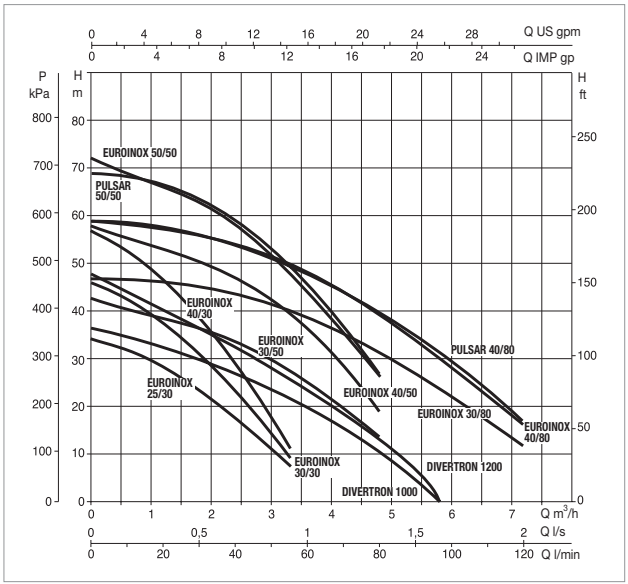
N°	PARTS	MATERIALS
1	NBB TANK	TECHNOPOLYMER
2	ANTIVIBRATION	NBR
3	NIPPLE	BRASS
4	COLLAR	STAINLESS/RUBBER
5	CHECK VALVE	BRASS
6	90° FITTING	BRASS
7	BRACKET	AISI 304 STAINLESS STEEL
8	SCREWS	A2 STAINLESS STEEL
9	FLEX HOSE	AISI 304 STAINLESS STEEL
10	STRAIGHT FITTING	BRASS
11	3 PIECE FITTING	BRASS
12	NIPPLE	BRASS
13	T FITTING	BRASS
14	5 LITRE EXPANSION TANK	STAINLESS/RUBBER
15	BALL VALVE	BRASS



NBB ACCUMULATION AND PRESSURISATION ASSEMBLY KIT FOR DOMESTIC WATER SUPPLY

LIQUID TEMPERATURE RANGE PUMPED: FROM 0 °C TO +35 °C - MAXIMUM AMBIENT TEMPERATURE: +40°C





The performance curves are based on the kinematic viscosity values = 1 mm^2/s and density equivalent to 1000 kg/m^3. Curve tolerance according to ISO 9906.

MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
EUROINOX M (all models)	1x220-240 V ~ 50Hz	0.5 / 1.5	0.37 / 1	0.5 / 1.36	2.4 / 6.5	-	-
EUROINOX T (all models)	3x230 V ~ 50Hz	0.9 / 1.5	0.55 / 1	0.75 / 1.36	2.8 / 4.4	-	-
EUROINOX EI (all models)	1x220-240 V ~ 50Hz	0.5 / 1.5	0.37 / 1	0.5 / 1.36	2.4 / 6.5	-	-
PULSAR 50/50 M	1x220-240 V ~ 50Hz	1.45	1	1.36	6.5	25	450
PULSAR 50/50 T	3x230 V ~ 50Hz	1.35	1	1.36	4.15	-	-
PULSAR 40/80 M	1x220-240 V ~ 50Hz	1.45	1	1.36	6.5	25	450
PULSAR 40/80 T	3x230 V ~ 50Hz	1.35	1	1.36	4.15	-	-
DIVERTRON 1200 M	1x220-240 V ~ 50Hz	1.1	0.75	1	4.7	12.5	450

MODEL	A	B	C	DNA GAS	DNM GAS	PACK DIMENSIONS			GROSS Kg
						L/A	L/B	H	
NBB	580	747	895	¾"	1"	590	790	910	16.9