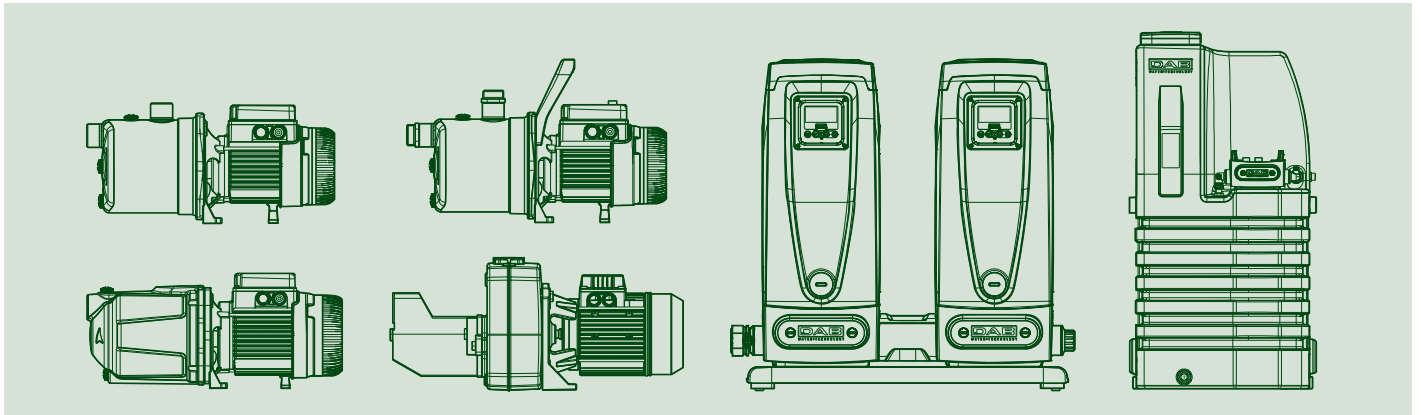


SELF-PRIMING MULTISTAGE CENTRIFUGAL PUMPS



**TECHNICAL
CATALOGUE**

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 because 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.

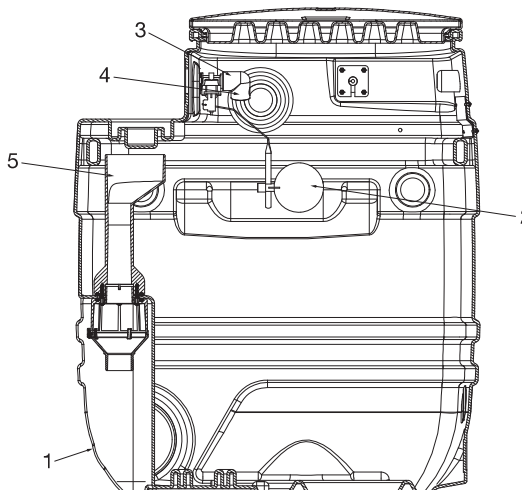
The pump and inverter are not included in the kit. they must be ordered separately.

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

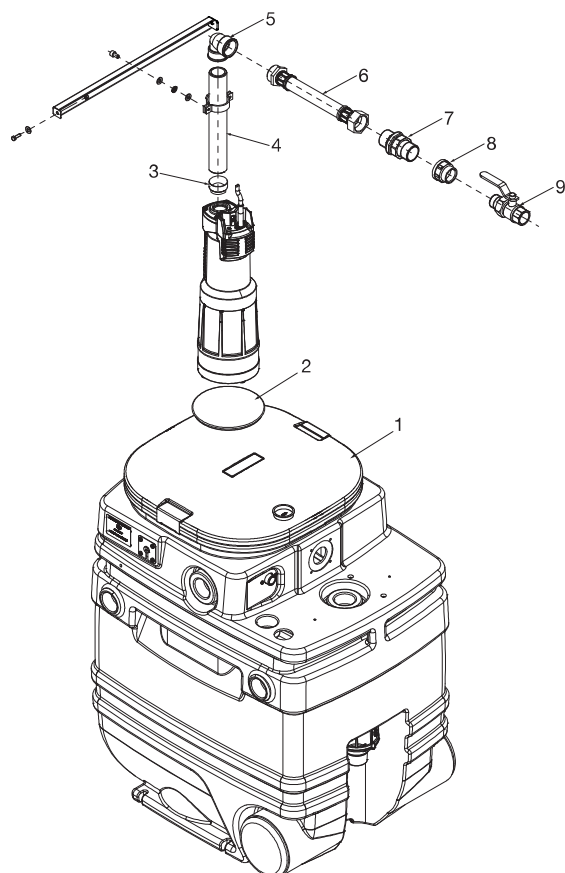
N°	PARTS	MATERIALS
1	TANK	TECHNOPOLYMER
2	FLOAT	TECHNOPOLYMER
3	90° ELBOW	TECHNOPOLYMER
4	AERATOR	TECHNOPOLYMER
5	OVERFLOW TUBE	TECHNOPOLYMER



MATERIALS

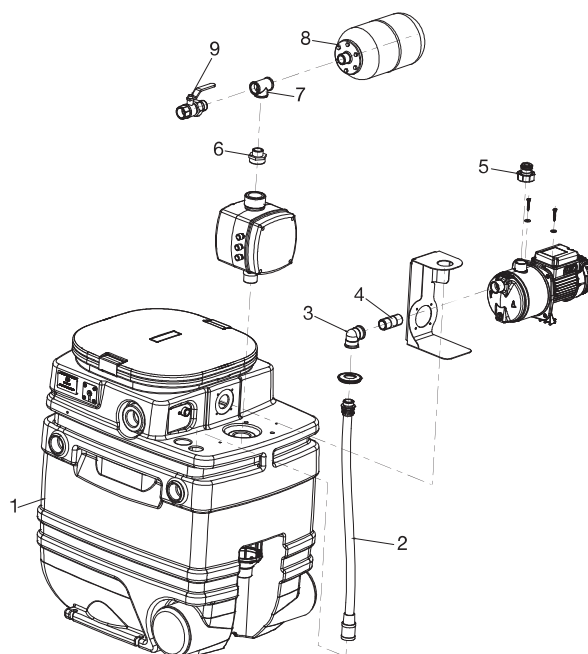
NBB+Divertron

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



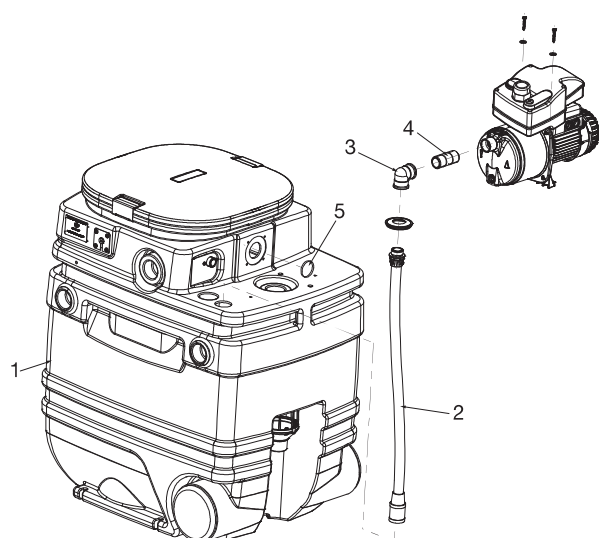
NBB+Euroinox

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	STAINLESS STEEL / RUBBER
9	BALL VALVE	BRASS

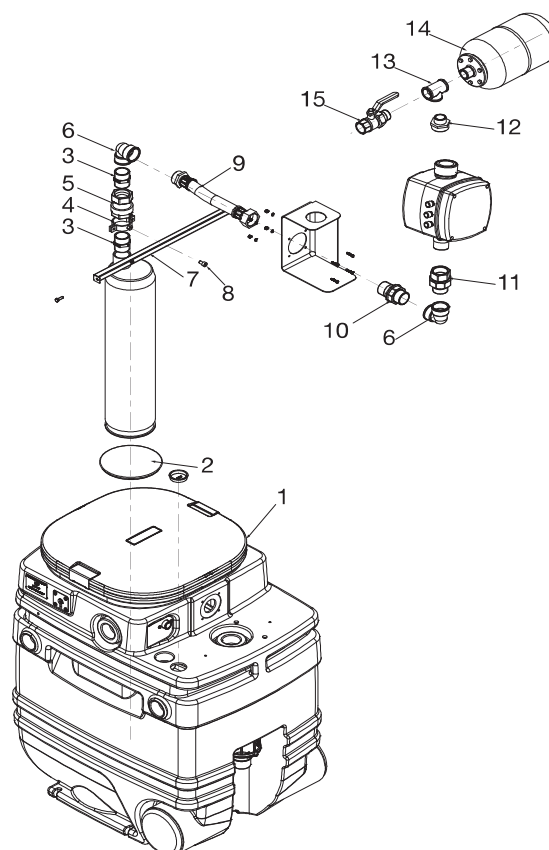


MATERIALS**NBB+Active**

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

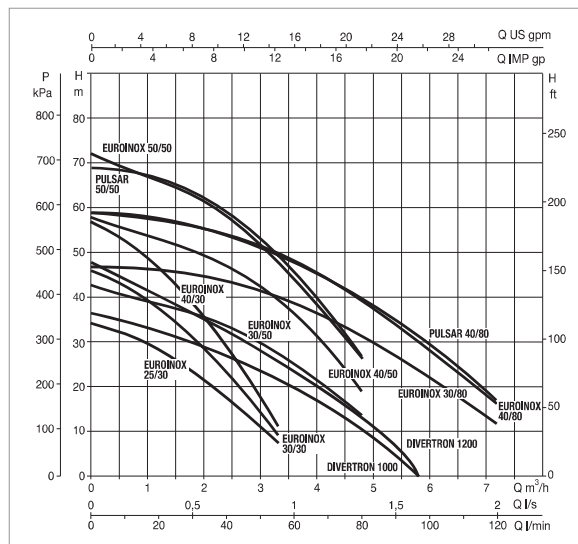
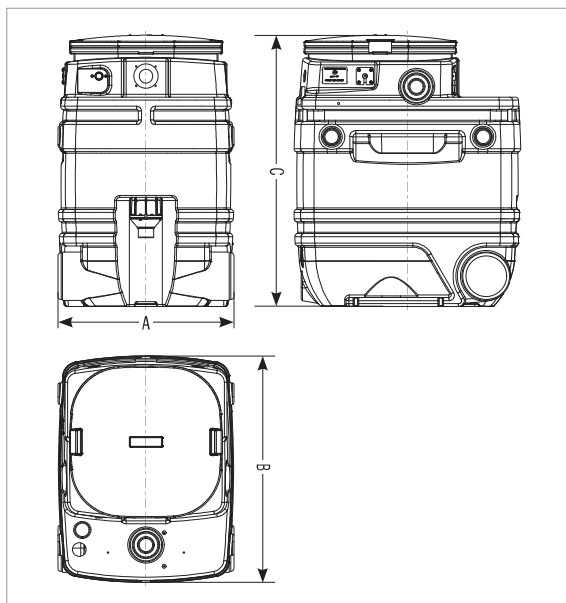
**NBB+Pulsar**

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 STEEL / RUBBER
15	BALL VALVE	BRASS



NBB - ACCUMULATION AND PRESSURISATION ASSEMBLY KIT

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 mm²/s and density equivalent to 1000 kg/m³. 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 ~ 50 Hz	0,5 - 1,5	0,37 - 1	0,5 - 1,36	2,4 - 6,5	-	-
EUROINOX T (all models)	3x230 V ~ 50 Hz	0,9 - 1,5	0,55 - 1	0,75 - 1,36	2,8 - 4,4	-	-
ACTIVE EI (all models)	1x220-240 V ~ 50 Hz	0,5 - 1,5	0,37 - 1	0,5 - 1,36	2,4 - 6,5	-	-
PULSAR 50/50 M-NA	1x220-240 V ~ 50 Hz	1,45	1	1,36	6,5	25	450
PULSAR 50/50 T-NA (3x230V)	3x230 V ~ 50 Hz	1,35	1	1,36	4,15	-	-
PULSAR 40/80 M-NA	1x220-240 V ~ 50 Hz	1,45	1	1,36	6,5	25	450
PULSAR 40/80 T-NA (3x230V)	3x230 V ~ 50 Hz	1,35	1	1,36	4,15	-	-
DIVERTRON 1200 M	1x220-240 V ~ 50 Hz	1,1	0,75	1	4,7	12,5	450

MODEL	A	B	C	DNA GAS	DNM GAS	PACKING DIMENSIONS			WEIGHT Kg
						L/A	L/B	H	
KIT NBB WRAS TANK 280 LITERS (GRID INCL.)	580	747	895	¾"	1"	590	790	910	16,9



On-line product selection



DAB PUMPS LTD.
6 Gilbert Court
Newcomen Way
Severalls Business Park
Colchester
Essex
CO4 9WN - UK
salesuk@dwgroup.com
Tel. +44 0333 777 5010



DAB PUMPS IBERICA S.L.
Calle Verano 18-20-22
28850 - Torrejón de Ardoz - Madrid
Spain
Info.spain@dwgroup.com
Tel. +34 91 6569545
Fax: +34 91 6569676



DAB PUMPS SOUTH AFRICA (PTY) LTD
Twenty One Industrial Estate,
16 Purlin Street, Unit B, Warehouse 4
Olifantsfontein - 1666 - South Africa
info.sa@dwgroup.com
Tel. +27 12 361 3997



DAB PUMPS BV
'tHofveld 6 C1
1702 Groot Bijgaarden - Belgium
info.belgium@dwgroup.com
Tel. +32 2 4668353



DAB PUMPS HUNGARY KFT.
H-8800
Nagykanizsa, Buda Ernő u.5
Hungary
Tel. +36 93501700



DAB PUMPS (QINGDAO) CO. LTD.
No.40 Kaituo Road, Qingdao Economic & Technological
Development Zone
Qingdao City, Shandong Province - China
PC: 266500
sales.cn@dwgroup.com
Tel. +86 400 186 8280
Fax +86 53286812210



DAB PUMPS B.V.
Albert Einsteinweg, 4
5151 DL Drunen - Nederland
info.netherlands@dwgroup.com
Tel. +31 416 387280
Fax +31 416 387299



DAB PUMPS POLAND Sp. z o.o.
Ul. Janka Muzykanta 60
02-188 Warszawa - Poland
polska@dabpumps.com.pl



DAB PUMPS DE MÉXICO, S.A. DE C.V.
Av Amsterdam 101 Local 4
Col. Hipódromo Condesa,
Del. Cuauhtémoc CP 06170
Ciudad de México
Tel. +52 55 6719 0493



OOO DAB PUMPS
Novgorodskaya str. 1, block G
office 308, 127247, Moscow - Russia
info.russia@dwgroup.com
Tel. +7 495 122 0035
Fax +7 495 122 0036



DAB PUMPS OCEANIA PTY LTD
426 South Gippsland Hwy,
Dandenong South VIC 3175 - Australia
info.oceania@dwgroup.com
Tel. +61 1300 373 677



DAB PUMPS GMBH
Am Nordpark 3
D - 41069 Mönchengladbach - Germany
info.germany@dwgroup.com
Tel. +49 2161 47388-0
Fax +49 2161 47388-36



DAB PUMPS INC.
3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwgroup.com
Tel. 1- 843-797-5002
Fax 1-843-797-3366



PT DAB PUMPS INDONESIA
Satrio Tower lantai 26
unit C-D, Jl. Prof. Dr. Satrio Kav. C4,
Kel. Kuningan Timur, Kec. Setiabudi, Kota Adm.
Jakarta Selatan, Prov. DKI Jakarta. - Indonesia
Tel. +62 2129222850