

GENIX

AUTOMATIC LIFTING STATIONS



Technical Sheet



TECHNICAL DATA

Liquid temperature range:

From 0° to +50°C.

Liquid pumped:

Sewage water containing fecal matter as regulated by EN 12050-3.

Third parts certifications: VDE-GS, LGA, VDE-EMC.

Tank capacity and delivery: approved for flush volumes of 6 and 9 liters as regulated by EN 12050-3.

International Protection grade: IP44.

APPLICATIONS

Its use is needful whenever the wastewater coming from the WC, the shower, the washbasin or the bidet cannot be expelled by gravity. These lifting stations can be installed wherever there is the wish to add a toilet during new installations or constructions, renovations, or structural modifications. In the model 110, beside the WC, an additional line can be connected, such as the washbasin. In the model 130, beside the WC, three more lines can be connected, such as shower, washbasin and bidet. The models offered stand out for silent running, even more improved in the Comfort version. The pump, powerful and reliable, and the grinding system, with blades in nickel plated stainless steel, make together a long lasting and basically daily maintenance-free product. Extremely easy the maintenance in case of clog or motor blocking, with the possibility to dismount the motor subassembly only operating on two screws, and with the unique discharge tap that will allow a clean, and free of problems, maintenance. The non-return valves are integrated in the delivery pipe, and for the 130 models in the lateral bottom inlets. Available, as accessories, an acoustic alarm anti-flooding and an adaptor pipe, to adapt the GENIX to a vast majority of existing installations.

CONSTRUCTIONAL CHARACTERISTICS

Tank in Barium 30% polypropylene. In the Comfort version, soundproof shield in Barium 70% polypropylene. Impeller in PPO 30% GF. Motor shaft in stainless steel. Grinding blades in nickel plated stainless steel.

MOTOR CONSTRUCTIONAL CHARACTERISTICS

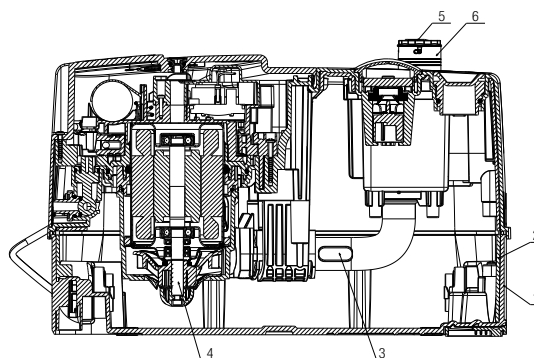
Asynchronous motor in stainless steel.

Shaft and motor sleeve in stainless steel.

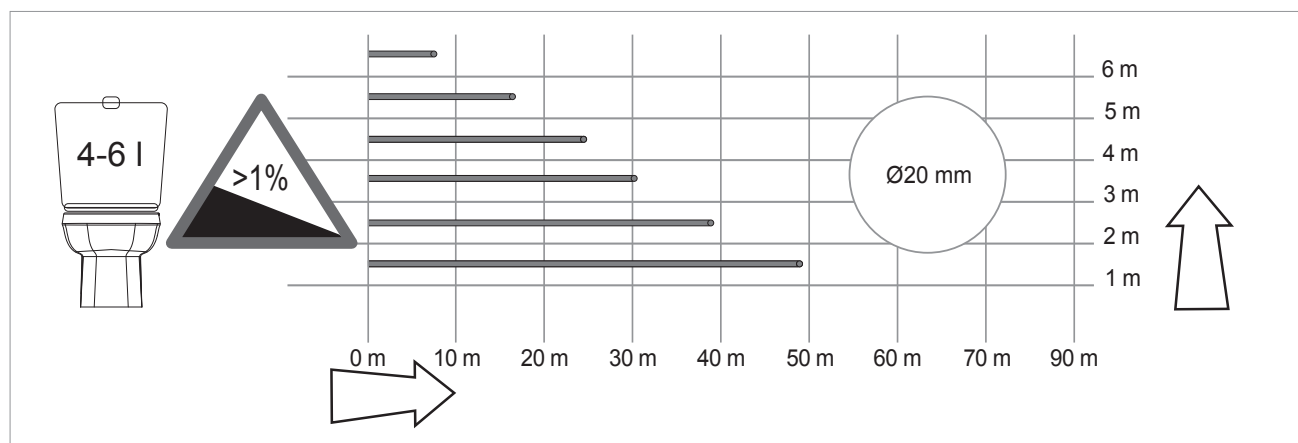
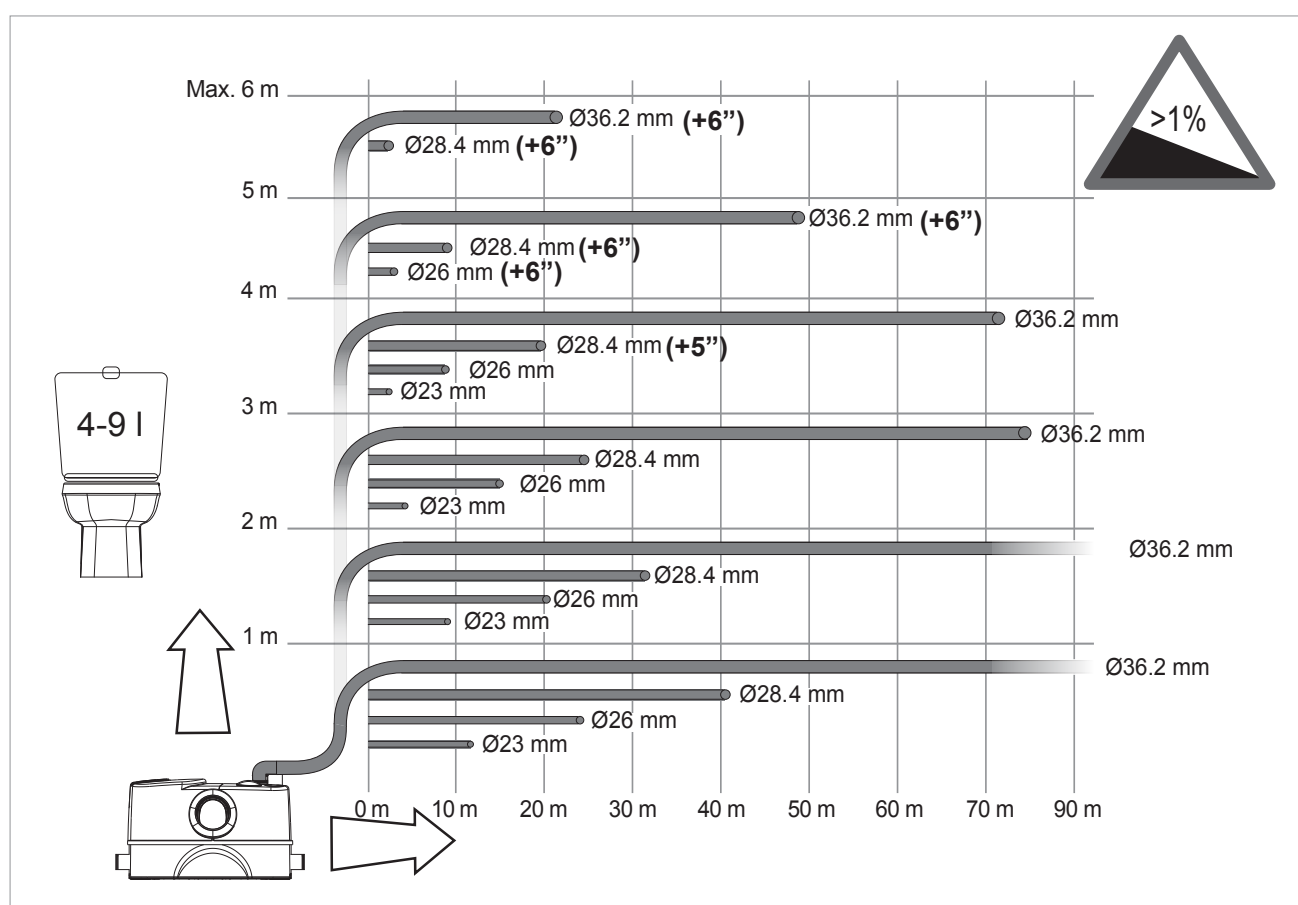
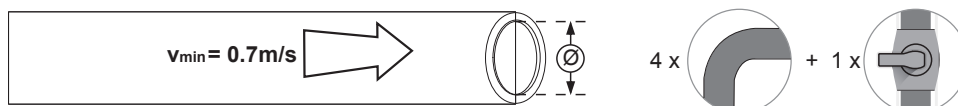
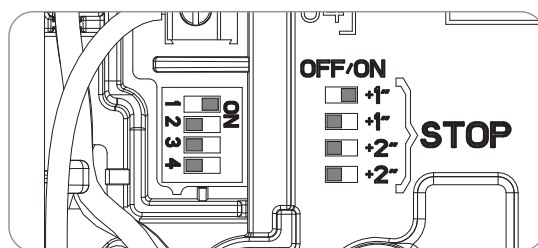
Thermal protection for overheating. Motor shaft wear resistant.

MATERIALS

N°	DESCRIPTION	MATERIALS
1	TANK	PP 15% BARIUM
2	SOUNDPROOF SHIELD	PP 70% BARIUM
3	PIPE	EPDM
4	GENIX COMFORT FLANGE GROUP V230-50Hz	MOTOR-SLEEVE
		AISI 304
		MOTOR-SHAFT
		AISI 416
		IMPELLER
		PPO 30% FIBERGLASS
		GRINDING STATOR
		AISI 304
		IMPELLER NUT
		PPO 30% FIBERGLASS
5	VALVE GROUP	GRINDING ROTOR
		AISI 420
		FLANGE
		PP 30% FIBERGLASS
		PUMP BODY
6	DELIVERY PIPE	PP 30% FIBERGLASS
		ALIGNING RING
		PP 30% FIBERGLASS
		DIFFUSER
		PP 30% FIBERGLASS
		NON RETURN VALVE BODY
		PP 30 FIBERGLASS
		OVAL CLAPET VALVE
		EPDM
		OR -3118 29.82 X 2.62
		NBR
		PP 30 FIBERGLASS

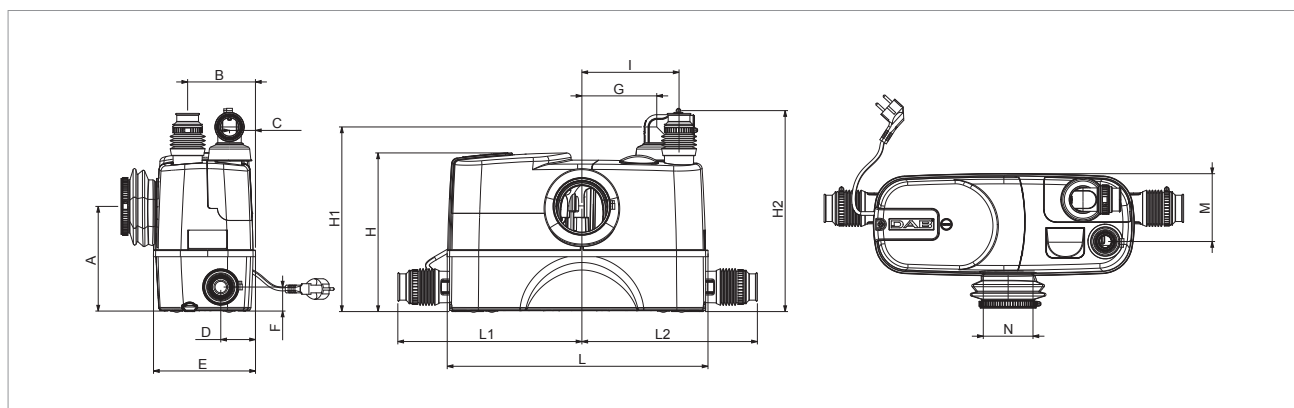


ISTRUZIONI PER L'INSTALLAZIONE



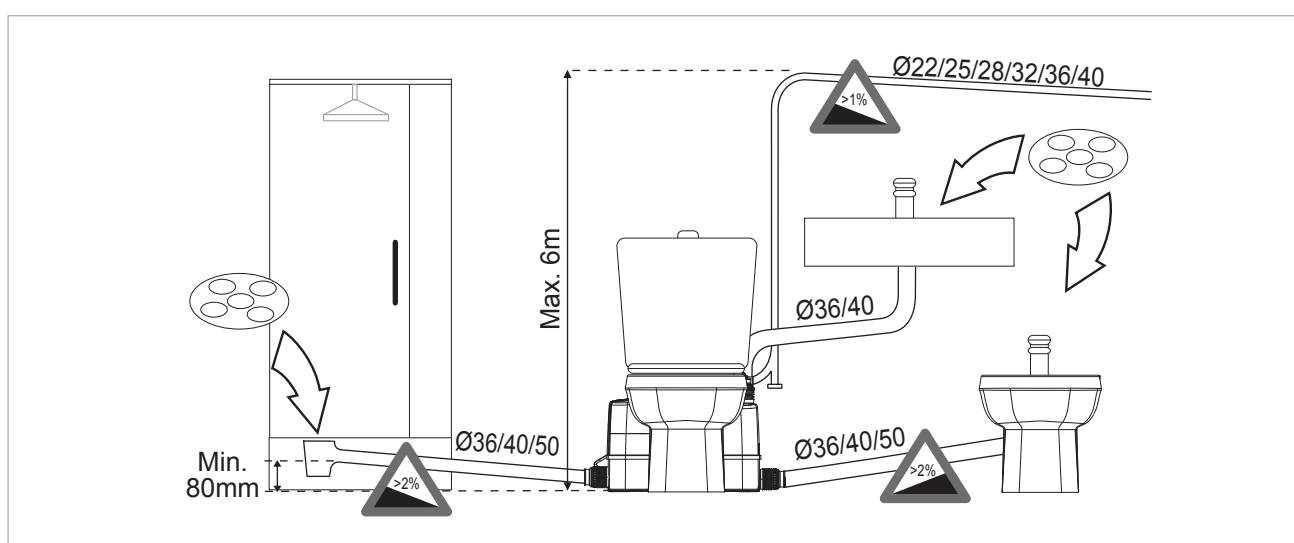
GENIX - AUTOMATIC LIFTING STATIONS

Liquid temperature range from 0° to 50°C



MODEL	ELECTRICAL DATA				
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A
			kW	HP	
GENIX 110	1 x 230 V ~	490	0,32	0,44	2,3
GENIX 130	1 x 230 V ~	490	0,32	0,44	2,3
GENIX COMFORT 110	1 x 230 V ~	490	0,32	0,44	2,3
GENIX COMFORT 130	1 x 230 V ~	490	0,32	0,44	2,3

MODEL	A	B	C	D	F	G	H	H1	H2	I	L	L1	L2	M	N	PACKING DIMENSION			VOLUME (mc)	WEIGHT Kg
																L/A	L/B	H		
GENIX 110	183	118	45	60	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0,0520	10,3
GENIX 130	183	118	45	60	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0,0520	10,6
GENIX COMFORT 110	183	118	45	60	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0,0520	11,5
GENIX COMFORT 130	183	118	45	60	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0,0520	12



NOTES



W A T E R • T E C H N O L O G Y

Via Marco Polo, 14 - 35035 Mestrino (PD) Italy - Phone +39.049.5125000 - Fax +39.049.5125950

www.dabpumps.com



DAB PUMPS LTD.

Unit 4 and 5, Stortford Hall Industrial Park,
Dunmow Road,
Bishops Stortford,
Herts
CM23 5GZ - UK
salesuk@dwtgroup.com
Tel. +44 1279 652 776
Fax +44 1279 657 727



DAB PUMPS B.V.

Albert Einsteinweg, 4
5151 DL Drunen - Nederland
info.netherlands@dwtgroup.com
Tel. +31 416 387280
Fax +31 416 387299



DWT South Africa

Podium at Menlyn,
3rd Floor, Unit 3001b, 43 Ingersol Road,
C/O Lois and Atterbury street,
Menlyn, Pretoria, 0181 - South-Africa
info.sa@dwtgroup.com
Tel +27 12 361 3997
Fax +27 12 361 3137



DAB PUMPS B.V.

Brusselstraat 150
B-1702 Groot-Bijgaarden - Belgium
info.belgium@dwtgroup.com
Tel. +32 2 4668353
Fax +32 2 4669218



DAB PUMPEN DEUTSCHLAND GmbH

Tackweg 11
D - 47918 Tönisvorst - Germany
info.germany@dwtgroup.com
Tel. +49 2151 82136-0
Fax +49 2151 82136-36



DAB PUMPS POLAND Sp. z o.o.

Mokotów Marynarska
ul. Postępu 15C
02-676 Warszawa - Poland
Tel. +48 223 81 6085



PUMPS AMERICA, INC. DAB PUMPS DIVISION

3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwtgroup.com
Tel. 1-843-824-6332
Toll Free 1-866-896-4DAB (4322)
Fax 1-843-797-3366



DAB PUMPS IBERICA S.L.

Avenida de Castilla nr.1 Local 14
28830 - San Fernando De Henares - Madrid
Spain
info.spain@dwtgroup.com
Tel. +34 91 6569545
Fax: +34 91 6569676



DAB UKRAINE Representative Office

Regus Horizon Park
4 M. Hrinchenka St, suit 147
03680 Kiev - Ukraine
Tel. +38 044 391 59 43



000 DWT GROUP

Novgorodskaya str, 1, bld G, office 308
127576 Moscow - Russia
info.russia@dwtgroup.com
Tel. +7 495 122 00 35
Fax +7 495 122 00 36



DAB PUMPS CHINA

No.40 Kaituo Road, Qingdao Economic & Technological
Development Zone
Qingdao City, Shandong Province - China
PC: 266500
info.china@dwtgroup.com
Fax +8653286812210
Tel. +8653286812030-6270



DAB PRODUCTION HUNGARY KFT.

H-8800
Nagykanizsa, Buda Ernő u.5
Hungary
Tel. +36 93501700