

GRUNDFOS UNILIFT APG

DOMESTIC WASTEWATER PUMPING MADE RELIABLE, QUICK AND EASY

Designed to grind and move domestic wastewater or stormwater over long distances, the new UNILIFT APG is a versatile and reliable pumping solution.

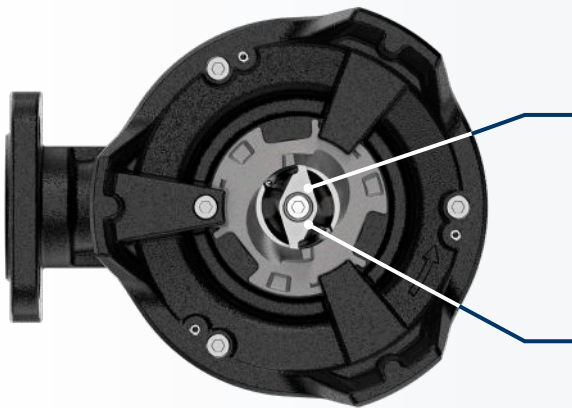
Equipped with an industrial grinder system, based on Grundfos' industrial SEG wastewater pump range, the UNILIFT APG is capable of grinding the most challenging wastewater debris into small pieces.

Suited to a variety of applications, from single family homes to low-rise residential buildings, the UNILIFT APG can be used inside a building in a lifting station, or outside in a pumping station or pit.



PREVENT FLOODING AND SEWAGE BLOCKS

UNILIFT APG is equipped with a class leading grinder mechanism, which is so efficient it greatly reduces the possibility of flooding and blockages where foreign objects get jammed, backing up cisterns or flooding pits.



Cuts through what people discard

APG's industrial grinder blade cuts through the toughest fibrous wipes to prevent blockages.

Powers through storm water

Leaf litter in storm water run-off is no match for the APG grinder blade.



SCAN TO WATCH
UNILIFT APG grinder in action

CUT INSTALLATION AND MAINTENANCE TIME

UNILIFT APG comes with multiple connection options, making it easy to install into existing pits or match with existing pipework. Its lighter weight allows for maintenance without the need for rails and chains.

Flanged Connection

Get retro-fitted simply with the flexible DN32 / DN40 Flange Connection

Threaded Connection

Get connected quickly with the internal 40mm / 1½" threaded connection

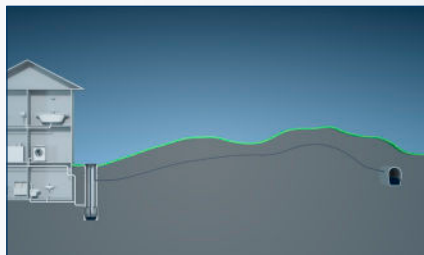


APPLICATIONS



Lifting station (inside buildings)

Installed in a tank solution in basements and other building spaces below sewer level.



Pumping station (outside buildings)

Installed outside buildings in a pumping station that leads to a public sewer or a component in pressurised sewage systems.



Stand alone

The pump can be used as a standalone product in a pit solution.

Single family dwelling

One-pump solution with a float switch at the pump or as a pump with LC231/LC241 controller for enhanced safety and alarm.

Multi-dwelling development or low-rise residential building

Two-pump solution in a pit or pumping station with LC231/LC241 controller.

QUICK SELECTION

The quick sizing chart below gives an approximate overview of heights and outlet pipe lengths with an inner pipe diameter of DN 32, G 1 1/2" / DN 40, and a flow, so that a self-cleaning velocity of minimum 0.7 m/s is covered.



Head\Distance	DN32/40 Outlet Pipe Length	DN32/40 Outlet Pipe Length
22 m	Max. 25/35 m	
20 m	Max. 90/120 m	
18 m	Max. 160/215 m	Max. 19/25 m
16 m	Max. 225/305 m	Max. 40/55 m
14 m	Max. 295/395 m	Max. 65/90 m
12 m	Max. 360/485 m	Max. 90/120 m
10 m	Max. 430/575 m	Max. 115/150 m
8 m	Max. 495/665 m	Max. 135/185 m
6 m	Max. 565/755 m	Max. 160/215 m
4 m	Max. 630/850 m	Max. 185/250 m
2 m	Max 700/940 m	Max. 210/280 m
Flow	Q=35/53 l/min (v=0.7 m/s)	Q= 60/90 l/min (v=1.2 m/s)

TECHNICAL SPECS

	UNILIFT APG.40.10.A1	UNILIFT APG.40.10.1
Grundfos Part Number	92616914	92616916
Float switch	with float switch	no float switch
Voltage/Frequency	1 x 220-240V, 50Hz	
Power P1/P2	1.3 kW / 1.0 kW	
Rated Current	6.8 A	
Dimensions / Weight	H 498mm x D 254mm x W 209mm / 22kg	
Liquid Temperature	40° C (70° C for 3 minutes)	

CONTROLLER OPTIONS

LC231

Compact all-in-one control solution for one or two UNILIFT APG pumps.

- Bluetooth® connectivity through Grundfos GO App
- Intuitive user interface
- Configurable input/output terminals for float switches or pressure sensors
- Built in motor protection
- Alarm buzzer



Indoor Rated Box	LC231 1-12A DOL	LC231 1-12A DOL
One Pump / Two Pumps	1	2
Grundfos Part Number	99369644	99369650

LC241

Lockable metal cabinet solution offering greater customisation for one or two UNILIFT APG pumps.

All the features of LC231 plus optional

- Fault light
- Battery Backup
- Mains Switch / RCD / Relay



Indoor Rated Box	LC241 6-10A DOL	LC241 6-10A DOL
One Pump / Two Pumps	1	2
Grundfos Part Number	99837596	99922181
Outdoor Rated Box	LC241 6-10A DOL	LC241 6-10A DOL
One Pump / Two Pumps	1	2
Grundfos Part Number	99922193	99922197

ORDERING & CONTACT DETAILS



Reach us by phone 
1300 33 77 33

- OPTION 1** Pump Sales, Pump Selection Advice, Spare Parts and Orders
- OPTION 2** After-Sales Service, Warranties and After-Sales Technical Advice
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