

SOLOLIFT2

WELCOME TO THE NEW GENERATION



**MODERN
COMFORT**
BY GRUNDFOS

SOLOLIFT2, SELECTION GUIDE

Inspired by professionals, designed for professionals. SOLOLIFT2 meets your needs and your customers' demands. This is a quick and easy guide to help you select which SOLOLIFT2 product fits your requirements. Combining innovation with modern comfort, Grundfos' SOLOLIFT2 range offers the ideal solution, throughout the home.

Each model in the SOLOLIFT2 range contains a robust motor with built-in thermal protection. Just follow the charts and instructions on the following pages to find the perfect solution.

For more in-depth information, please visit grundfos.com/moderncomfort



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GRUNDFOS SOLOLIFT2

WC-1

The WC-1 is a compact automatic lifting station with 1 additional inlet connection suitable for pumping wastewater from a washbasin and sewage from a toilet with a horizontal outlet.

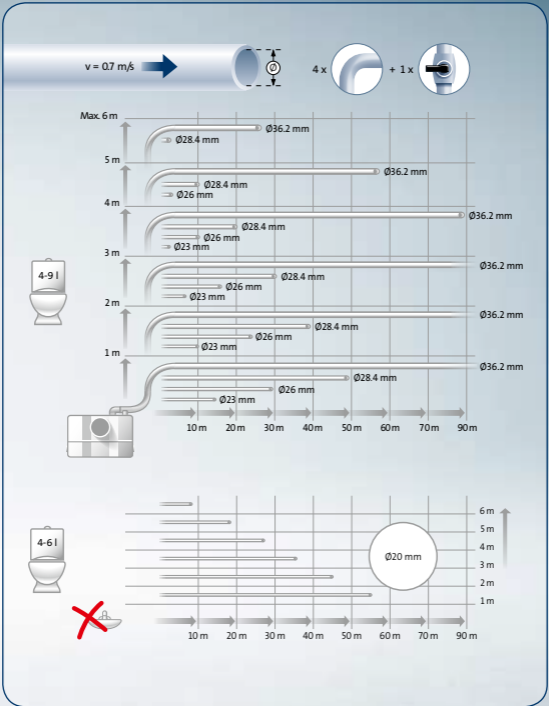


- Powerful professional cutter
- Clean and easy service
- Compact

Technical data

Possible connections	1 toilet, plus one connection, eg washbasin or urinal
Consumption	Max. 620 W
Supply voltage	1 x 220-240 V - 10%/+ 6%. 50 Hz
Net weight	7.3 kg
Liquid temperature	Max. 50°C
Rated current	3.0 A
Flow rate	Max. 149 l/min.
Pump head	Max. 8.5 m
Supply cable	1.2 m, 0.75 mm ²
Duty	S3 - 50% - 1 min. (30 sec. on; 30 sec. off)
Inlet pipes	32/36/40mm diameter
Discharge pipes	22/25/28/32/36/40 mm diameter

PUMP SELECTION



GRUNDFOS SOLOLIFT2

WC-3

The WC-3 has 3 additional inlet connections suitable for pumping domestic wastewater from a shower, bidet, washbasin and toilet with a horizontal outlet.

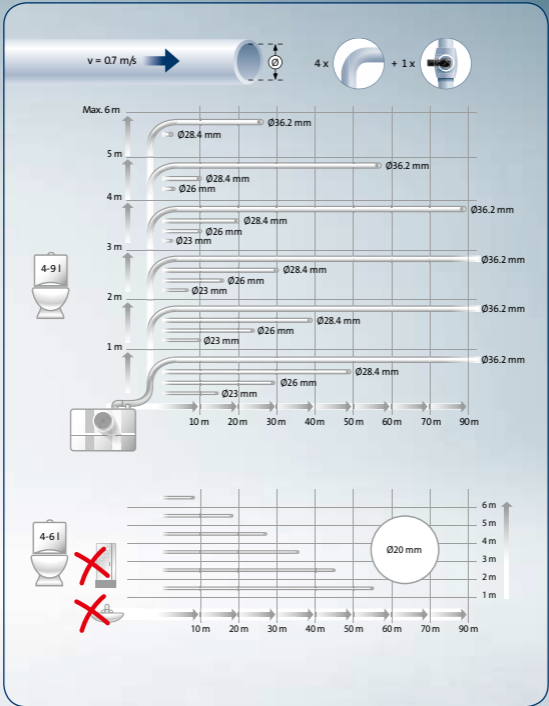


- Powerful professional cutter
- Clean and easy service
- Compact

Technical data

Possible connections:	1 toilet, plus up to three connections from the following: washbasin, shower, urinal, bidet
Consumption	Max. 620 W
Supply voltage	1 x 220-240 V - 10%/+ 6%, 50 Hz
Net weight	7.3 kg
Liquid temperature	Max. 50°C
Rated current	3.0 A
Flow rate	Max. 149 l/min.
Pump head	Max. 8.5 m
Supply cable	1.2 m, 0.75 mm ²
Start and stop levels	Start: 72 mm above bottom Stop: 52 mm above bottom.
Duty	S3 - 50% - 1 min. (30 sec. on; 30 sec. off)
Inlet pipe	32/36/40/50 mm diameter
Discharge pipe	22/25/28/32/36/40 mm diameter

PUMP SELECTION



GRUNDFOS SOLOLIFT2

CWC-3

The CWC-3 is suitable for pumping domestic wastewater from a cabinet shower, bidet, washbasin and a wall-hung toilet. It is specially designed for behind the wall installations.

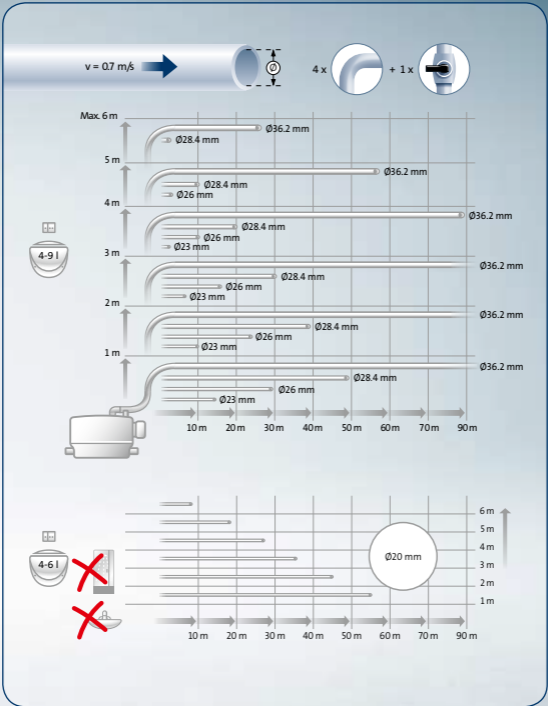


- Powerful professional cutter
- Clean and easy service
- In-wall installation

Technical data

Possible connections	1 toilet, plus up to three connections from washbasin, shower, bidet, urinal
Consumption	Max. 620 W
Supply voltage	1 x 220-240 V - 10%/+ 6%, 50 Hz
Net weight	7.1 kg
Liquid temperature	Max. 50°C
Rated current	3.0 A
Flow rate	Max. 137 l/min.
Pump head	Max. 8.5 m
Supply cable	1.2 m, 0.75 mm ²
Start and stop levels	Start: 72 mm above bottom Stop: 52 mm above bottom
Duty	S3 - 50% - 1 min. (30 sec. on; 30 sec. off)
Inlet pipes	32/36/40/50 mm diameter
Discharge pipe	22/25/28/32/36/40 mm diameter

PUMP SELECTION



GRUNDFOS SOLOLIFT2

C-3

The C-3 is suitable for pumping grey wastewater up to 90°C from an industrial washing machine, dishwasher, kitchen sink, bath, shower, bidet, and washbasin.

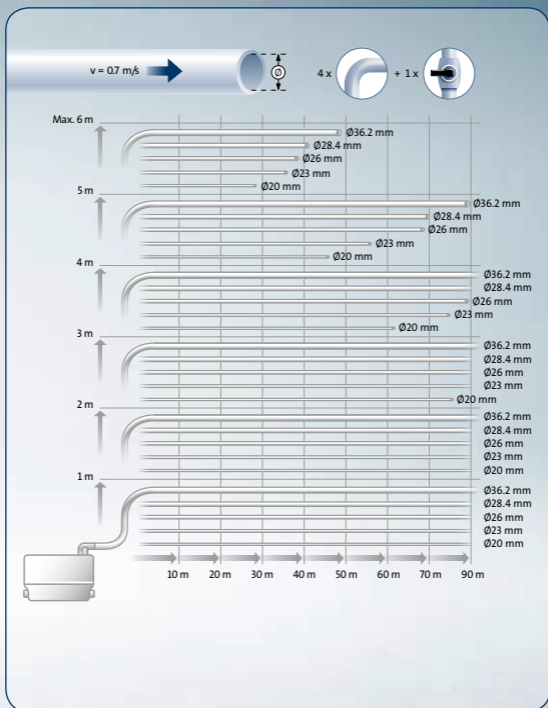


- Powerful with selectable start level
- Clean and easy service
- Very compact

Technical data

Possible connections	washing machine, dishwasher, shower, bath, kitchen sink, bidet, washbasin
Consumption	640 W
Supply voltage	1 x 220-240 V - 10%/+ 6%, 50 Hz
Net weight	6.6 kg
Liquid temperature	75°C continuously (90°C for 30 min)
Rated current	3.1 A
Flow rate	Max. 204 l/min.
Pump head	Max. 8.5 m
Supply cable	1.2 m, 0.75 mm ²
Start and stop levels	Start: 65 mm above bottom Stop: 35 mm above bottom
Duty	S3 - 50% - 1 min. (30 sec. on; 30 sec. off)
Inlet pipes	32/36/40/50 mm diameter
Discharge pipes	22/25/28/32/36/40 mm diameter

PUMP SELECTION



GRUNDFOS SOLOLIFT2

D-2

The D-2 is suitable for pumping grey wastewater from a shower and washbasin. It is possible to install the D-2 underneath or next to the cabinet shower or the washbasin.

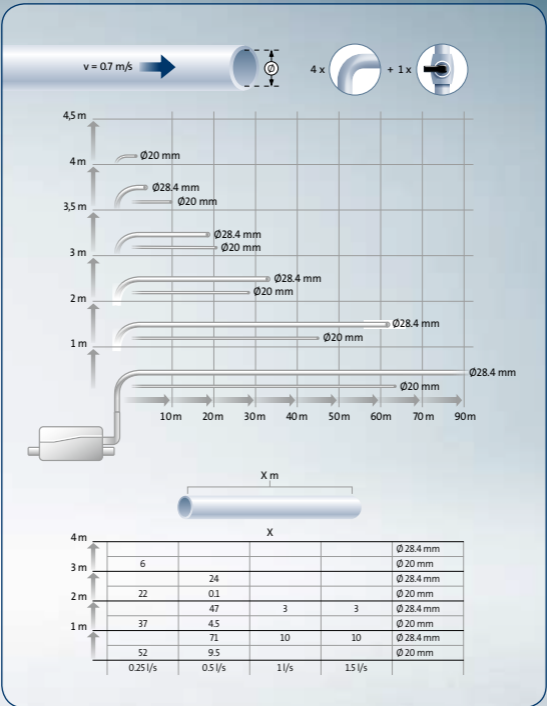


- Ultra compact
- Clean and easy service
- Low start level

Technical data

Possible connections	shower, washbasin
Consumption	280 W
Supply voltage	1 x 220-240 V - 10%/+ 6%, 50 Hz
Net weight	4.3 kg
Liquid temperature	50°C
Rated current	1.3. A
Flow rate	Max. 119 l/min.
Pump head	Max. 5.5 m
Supply cable	1.2 m, 0.75 mm ²
Start and stop levels	Start: 58 mm above bottom Stop: 35 mm above bottom
Duty	S3 - 50% - 1 min. (30 sec. on; 30 sec. off)
Inlet pipes	36/40 mm diameter
Discharge pipes	22/32 mm diameter

PUMP SELECTION



INSTALLATION NOTE

You should always consult the Instruction and Operation manual during installation and start.

SOLOLIFT2 requires a minimum flush of four litres. However, if the content of solid matter is higher, or if connection pipes between the spigot and tank inlet are used (max. 150mm) at least six litres is recommended.

When installing a washing machine, use only the SOLOLIFT2 C-3. Ensure that there is an air gap in the pipe by mounting the discharge of the washing machine at the top, or by inserting the discharge hose of the washing machine into a pipe with a larger diameter.

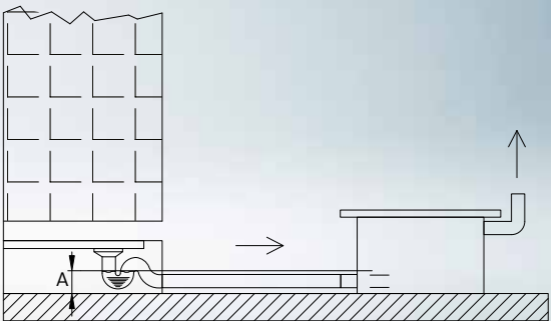
When using the SOLOLIFT2 C-3 in combination with a washing machine or a dishwasher, the Grundfos LCA2 alarm device is recommended. This switches off the drain device in the event of backwater in the unit, to prevent flooding.



When connecting the SOLOLIFT2 unit to a shower, ensure the level of the water seal of the shower siphon is higher than the starting level of the SOLOLIFT2:

SOLOLIFT2

	WC-1/WC-3	CWC-3	C-3	D-2
A	80	80	80	65
Start	72	72	65	58
Stop	52	52	35	35



When installing a Grundfos SOLOLIFT2, the following basic rules must be adhered to:

- Allow at least 10 mm free space between the tank and any adjacent walls.
- Connections must not place any stress on the tank.
- One wastewater source per inlet is recommended.
- A shower sink must be connected to the lower inlets.
- Discharge pipe should be made with a backflow protection loop.
- SOLOLIFT2 should always be installed with adequate space for access, service and maintenance.





- If a shower is connected, the shower drain should be equipped with a strainer to avoid hair from entering the SOLOLIFT2.
- SOLOLIFT2 should be placed on vibration-absorbing material to reduce resonance in the building.
- When SOLOLIFT2 is connected to a toilet, all other sanitary appliances must be installed in the same room.
- SOLOLIFT2 must be installed directly behind the toilet. However, CWC-3 can also be installed on either side of the toilet.

There are a wide range of accessories available for the Grundfos SOLOLIFT2 range.



The superior modular design of SOLOLIFT2 means that the combined motor/pump unit can be fitted in all three WC versions allowing even quicker, easier service.

SPARE PARTS

No	Grundfos P/N	SP = spare part, kit, bulk	Class	Description	Main component	Code/ Type/ Dimension	Product relation
1	97775341	Kit	69528	Replacement kit, Motor Complete WC-1, 3 CWC-3	Kit, Motor	Complete	WC-1, WC-3 CWC-3
2	97775342	Kit	69528	Replacement kit, Motor Complete C-3	Kit, Motor	Complete	C-3
3	97775343	Kit	69528	Replacement kit, Motor Complete D-2	Kit, Motor	Complete	D-2

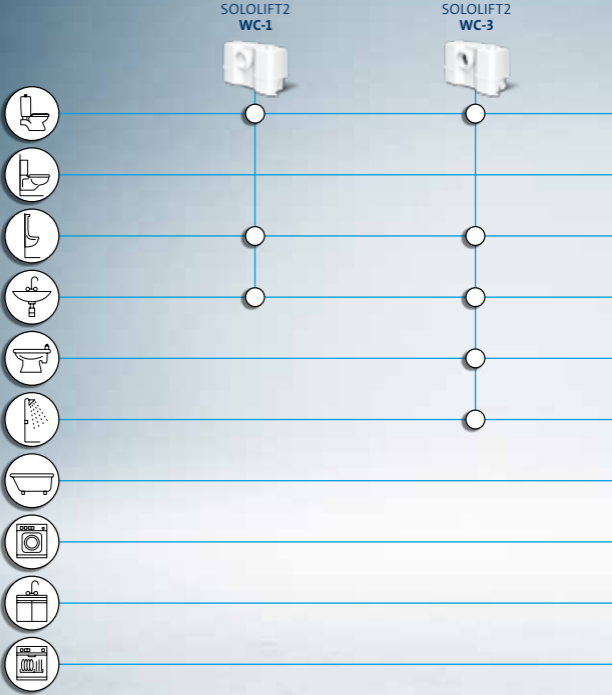
ACCESSORIES OVERVIEW

ACCESSORIES

No	Type	Product	Grundfos P/N
1	Kit second inlet D40/40/32	D-2	97775334
2	Kit second inlet D50/40/40	WC-3/CWC-3/C-3	97775335
3	Kit adapter UK	All versions	97775336
4	Alarm floater	C-3	97775337
5	LCA2 Controller	C-3	97775338
6	Alarm PCB	WC-1/WC-3/CWC-3	97772315
7	Replacement hose	All versions	97772316
8	Drain hose	WC-1/WC-3	97789093

Model/ Version/ Qty	Content part description	EAN/UPC	Net weight (kg)	Gross weight (kg)
Complete	Complete motor/grinder/PCB/pressure-switch unit, pre-assembled with O-ring around flange and power cord	5710624187500	4,900	5,170
Complete	Complete motor/float switch unit with O-ring around flange and power cord	5710624187517	4,670	4,940
Complete	Complete motor/pressure switch unit with O-ring around flange and power cord	5710624187524	3,140	3,410

With improved flexibility, adaptability and performance, Grundfos' SOLOLIFT2 range of lifting stations offers the most reliable handling of wastewater for various combinations of WC, bidet, sink, shower and washing machine dishwasher.



APPLICATION OVERVIEW

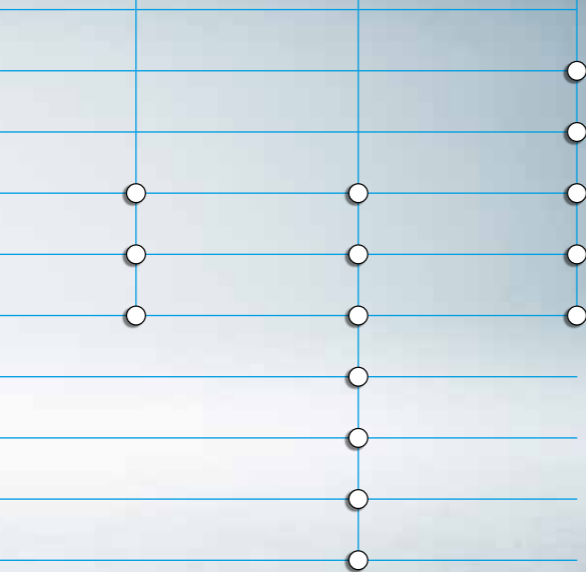
SOLOLIFT2
D-2



SOLOLIFT2
C-3



SOLOLIFT2
CWC-3



INSTALLATION NOTE

The new SOLOLIFT2 range replaces the current SOLOLIFT+ range and has a reduced number of models to make it easier to select the right lifting station solution.



**SOLOLIFT+
WC**

**SOLOLIFT+
WC-1**



**SOLOLIFT2
WC-1**



**SOLOLIFT+
WC-3**

**SOLOLIFT+
PWC-3**



**SOLOLIFT2
WC-3**

REPLACEMENT OVERVIEW



**SOLOLIFT+
CWC-3**



**SOLOLIFT2
CWC-3**



**SOLOLIFT+
C-3**



**SOLOLIFT2
C-3**



**SOLOLIFT+
D-3**



**SOLOLIFT2
D-2**

MODERN COMFORT by Grundfos

For more information on the new SOLOLIFT2 range of lifting stations by Grundfos, contact your local representative or visit our website.

grundfos.com/moderncomfort



Grundfos Professional

We offer one extensive resource for content, tools and features to support your day-to-day work, bringing you added knowledge and business insights.

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