



ATAC Solutions Ltd is a leading environmental engineering company based in Maidstone, United Kingdom.

ATAC Solutions is known for its state-of-the-art liquid collection fleet and its expertise in providing bespoke turnkey wastewater process solutions.

With a focus on sustainability and accreditation in ISO 9001 & ISO 14001, the company serves domestic and industrial clients across the South-East and London.



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Axiom Water companies

Series description: Wilo-HiDrainlift 3



Design

Small wastewater lifting unit (floor-mounted installation)

Special features/product advantages

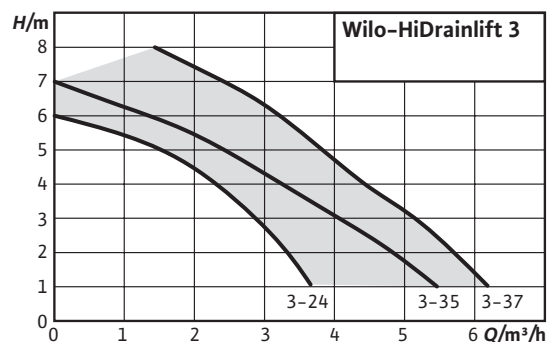
- Very compact design for the installation into a wet cell or under a shower tray (HiDrainlift 3-24)
- Low-noise operation and integrated active carbon filter for a high user comfort
- Reliable performance and low power consumption for an efficient wastewater disposal
- Easy installation with flexible connection possibilities
- Systems ready for connection (HiDrainlift 3-35 and HiDrainlift 3-37)

Materials

- Pumpengehäuse: PPGF30
- Motorgehäuse: PPGF30
- Dichtung: EPDM
- Behältermaterial: PP

Technical data

- Netzanschluss 1~230 V, 50 Hz
- Netzanschlusskabel 1,5 m, mit Schuko-Stecker (außer HiDrainlift 3-24)
- Fördermedientemperatur max. 35 °C (bis zu 60/75 °C im Kurzzeitbetrieb für 5 Minuten, modellabhängig)
- Druckanschluss DN 32
- Zulaufanschluss DN 40
- Schutzart IP 44
- Behälter-Bruttovolumen 3,9 l / 16 l / 15,5 l
- Schaltvolumen 1,7 l / 2 l / 2 l



Equipment/function

- Steckerfertig (außer HiDrainlift 3-24)
- Thermischer Motorschutz
- Niveauekontrolle durch einen pneumatischen Druckaufnehmer
- Integrierte Rückflussverhinderer
- Befestigungsmaterial
- Aktivkohlefilter

Description/design

Automatically switching wastewater lifting unit ready for connection with all of the required switchgear and control mechanisms and a built-in non-return valve. Including 2 inlet connecting pieces DN 40 at different height levels and pressure port DN 32 (G 1 ¼) as well as active carbon filter with overflow protection for aeration and ventilation.

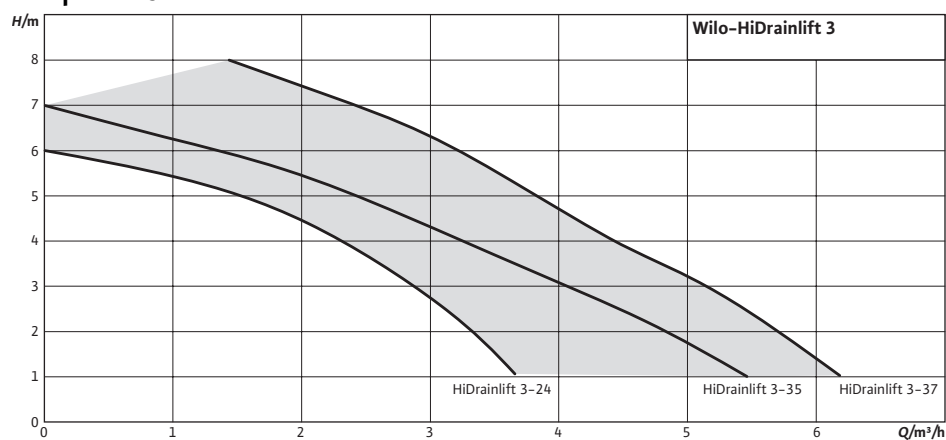
Ventilation can also be carried out at roof level through the use of self-sealing plug couplers (external pipe diameter 25 mm).

Scope of delivery

- Ready for connection wastewater lifting unit with macerator, active carbon filter and integrated non-return valves
- Installation and operating instructions
- Connection set for inlet and pressure pipes

Duty chart: Wilo-HiDrainlift 3

Pump curves



Equipment/function: Wilo-HiDrainlift 3

Design

Submersible	–
AC motor	•
Three-phase motor	–
Integrated non-return valve	•

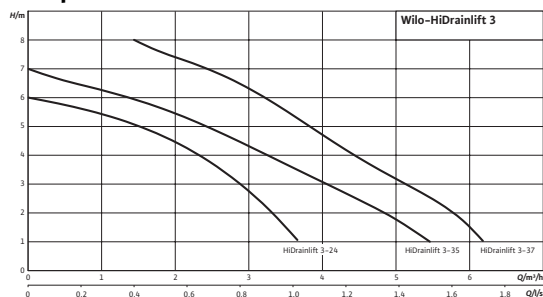
• = available, – = not available; o = optional

Product list: Wilo-HiDrainlift 3

Pump type	Mains connection	Gross volume	Pressure connection	Inlet connection	Art no.
		<i>v/l</i>			
HiDrainlift 3-24	1~230 V, 50 Hz	4	DN 32	DN 40	4191678
HiDrainlift 3-35	1~230 V, 50 Hz	16	DN 32	DN 40	4191679
HiDrainlift 3-37	1~230 V, 50 Hz	16	DN 32	DN 40	4191680

Data sheet: Wilo-HiDrainlift 3-24

Pump curves



Motor data

Mains connection	1~230 V, 50 Hz	
Power consumption	P_1	0.3 kW
Rated current	I_N	1.2 A
No. of poles	2	
Activation type	Direct	
Insulation class	F	
Protection class	IP 44	
Max. switching frequency per pump	100 1/h	

Cable

Mains plug	CEE
Type of connecting cable	Non-detachable

Permitted field of application

Fluid temperature	T	+5 ... +35 °C
Max. fluid temperature, for short periods up to 3 min	T	35 °C
Max. ambient temperature	T	40 °C

Dimensions/weights

Gross volume	V	4 l
Min. level OFF	45 mm	
Min. level ON	65 mm	
Dimensions	Width $h \times$ height $t \times$ depth h	293 x 171 x 177 mm
Weight approx.	m	4 kg

Connections

Pressure connection	DN 32
Inlet connection	DN 40

Materials

Pump shaft	1.4305 [AISI303]
Impeller	PA/PPO, fibreglass-reinforced (depending on type)

Information for order placements

Make	Wilo
Art no.	4191678
EAN number	4048482454252

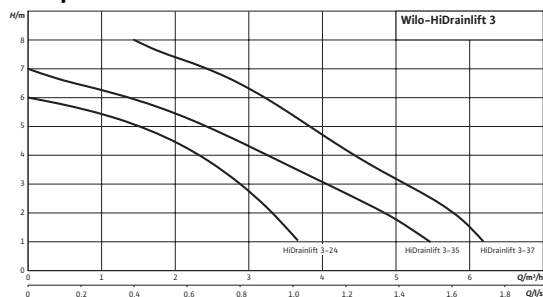
Data sheet: Wilo-HiDrainlift 3-24

Price group

PG7

Data sheet: Wilo-HiDrainlift 3-35

Pump curves



Motor data

Mains connection	1~230 V, 50 Hz	
Power consumption	P_1	0.4 kW
Rated current	I_N	1.7 A
No. of poles	2	
Activation type	Direct	
Insulation class	F	
Protection class	IP 44	
Max. switching frequency per pump	100 1/h	

Cable

Mains plug	CEE
Type of connecting cable	Non-detachable

Permitted field of application

Fluid temperature	T	+5 ... +35 °C
Max. fluid temperature, for short periods up to 3 min	T	60 °C
Max. fluid temperature, for short periods up to 5 min	T	60 °C
Max. ambient temperature	T	40 °C

Dimensions/weights

Gross volume	V	16 l
Min. level OFF	70 mm	
Min. level ON	110 mm	
Dimensions	Width $h \times$ height $t \times$ depth h	511 x 264 x 187 mm
Weight approx.	m	5 kg

Connections

Pressure connection	DN 32
Inlet connection	DN 40

Materials

Pump shaft	1.4305 [AISI303]
Impeller	PA/PPO, fibreglass-reinforced (depending on type)

Information for order placements

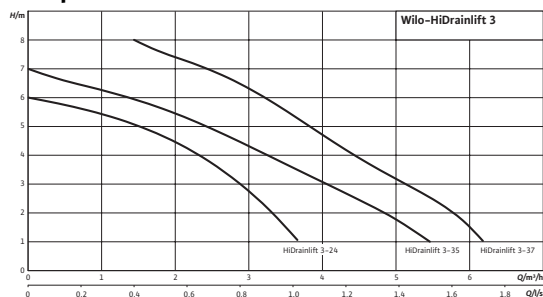
Make	Wilo
Art no.	4191679

Data sheet: Wilo-HiDrainlift 3-35

EAN number	4048482454269
Price group	PG7

Data sheet: Wilo-HiDrainlift 3-37

Pump curves



Motor data

Mains connection	1~230 V, 50 Hz	
Power consumption	P_1	0.4 kW
Rated current	I_N	2.0 A
No. of poles	2	
Activation type	Direct	
Insulation class	F	
Protection class	IP 44	
Max. switching frequency per pump	100 1/h	

Cable

Mains plug	CEE
Type of connecting cable	Non-detachable

Permitted field of application

Fluid temperature	T	+5 ... +35 °C
Max. fluid temperature, for short periods up to 3 min	T	75 °C
Max. fluid temperature, for short periods up to 5 min	T	75 °C
Max. ambient temperature	T	40 °C

Dimensions/weights

Gross volume	V	16 l
Min. level OFF	70 mm	
Min. level ON	110 mm	
Dimensions	Width $h \times$ height $t \times$ depth h	511 x 264 x 187 mm
Weight approx.	m	6 kg

Connections

Pressure connection	DN 32
Inlet connection	DN 40

Materials

Pump shaft	1.4305 [AISI303]
Impeller	PA/PPO, fibreglass-reinforced (depending on type)

Information for order placements

Make	Wilo
Art no.	4191680

Data sheet: Wilo-HiDrainlift 3-37

EAN number	4048482454276
Price group	PG7