

Hybrid lifting station *Ecolift XL Mono / Duo*

Dry installation, free standing or in a concrete slab



TÜV Rheinland Germany type tested and monitored Z-53.2-493 ÖNORM B 2501

Base section made of PE

For on the floor installation in frost-free rooms, outdoor underground installation or installation in a concrete floor in combination with an engineering system chamber see pages 87 – 88.

Version:

- backwater lifting station *Ecolift XL Mono / Duo*
- inlet / outlet Ø 160 mm
- with Comfort Plus control unit
- with one motor-driven backwater flap for wastewater without sewage or two motor-driven backwater flaps (with redundancy control unit) for wastewater with sewage
- 230 V-Versions ready to plug in

Cable length: 10 m

Installation:

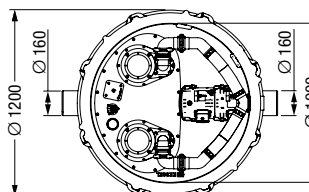
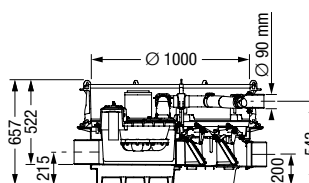
Handles groundwater depths up to 3000 mm

Note:

The pressure pipe must be connected to a welded PE pipe; in the case of pump *SPF 4500* pressure pipe to be connected to a pressure relief chamber (contact KESSEL for questions).

➤ **Installation:** in combination with an engineering system chamber Ø 1000 page 87 – 88

➤ **Accessories:** pages 89 – 90



Mono version with one pump

SPF pump	Voltage	Art. no.
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With one motor-driven backwater flap for wastewater without sewage

1400-S3	230 V	874 10 06
1500-S3	400 V	874 10 07
3000-S3	400 V	874 10 08
4500-S3	400 V	874 10 09

With two motor-driven backwater flaps for wastewater with sewage

1400-S3	230 V	874 10 10
1500-S3	400 V	874 10 11
3000-S3	400 V	874 10 12
4500-S3	400 V	874 10 13

Duo version with two pumps

SPF pump	Voltage	Art. no.
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With one motor-driven backwater flap for wastewater without sewage

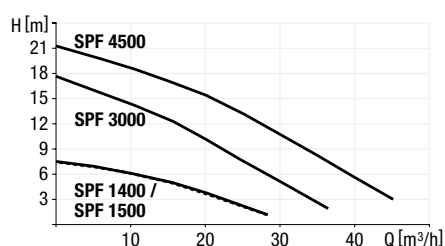
1400-S3	230 V	874 10 22
1500-S3	400 V	874 10 23
3000-S3	400 V	874 10 24
4500-S3	400 V	874 10 25

1400-S1	230 V	874 10 26
1500-S1	400 V	874 10 27
3000-S1	400 V	874 10 28
4500-S1	400 V	874 10 29

With two motor-driven backwater flaps for wastewater with sewage

1400-S3	230 V	874 10 30
1500-S3	400 V	874 10 31
3000-S3	400 V	874 10 32
4500-S3	400 V	874 10 33
1400-S1	230 V	874 10 34
1500-S1	400 V	874 10 35
3000-S1	400 V	874 10 36
4500-S1	400 V	874 10 37

Pumping capacity



Pump type

	Voltage	Amperage	Input Power (P1)	Power (P2)	Pumping capacity	H [m] = Backwater height
SPF 1400-S1/S3-100/50%*	230 V	7.3 A	1.6 kW	1.1 kW	28 m³/h	7.5 m
SPF 1500-S1/S3-100/50%*	400 V	2.7 A	1.4 kW	1.1 kW	28 m³/h	7.5 m
SPF 3000-S1/S3-100/50%*	400 V	5.4 A	3.3 kW	2.7 kW	36 m³/h	17.5 m
SPF 4500-S1/S3-100/50%*	400 V	7.5 A	4.5 kW	3.7 kW	45 m³/h	21 m

*Definition of S1 and S3-pumps see page 97