

Hybrid lifting station *Ecolift XL Mono / Duo*

Dry installation, for minimum installation depth



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 upper section see page 85.

Version:

- backwater lifting station *Ecolift XL Mono / Duo* for connection to Ø 800 mm upper sections
- inlet / outlet Ø 160 mm
- with Comfort Plus control unit
- with one motor-driven backwater flap for wastewater without sewage or with 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:

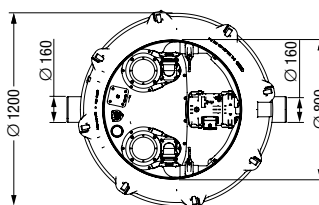
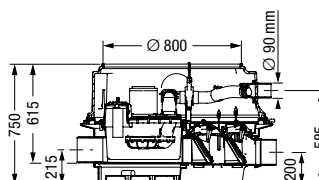
Handles groundwater depths up to 3000 mm

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 upper section Ø 800 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 44
1500-S3	400 V	874 10 45
3000-S3	400 V	874 10 46
4500-S3	400 V	874 10 47

With two motor-driven backwater flaps for wastewater with sewage

1400-S3	230 V	874 10 48
1500-S3	400 V	874 10 49
3000-S3	400 V	874 10 50
4500-S3	400 V	874 10 51

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 60
1500-S3	400 V	874 10 61
3000-S3	400 V	874 10 62
4500-S3	400 V	874 10 63

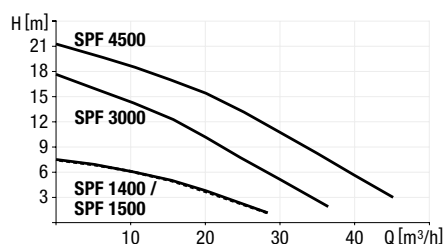
1400-S1	230 V	874 10 64
1500-S1	400 V	874 10 65
3000-S1	400 V	874 10 66
4500-S1	400 V	874 10 67

With two motor-driven backwater flaps for wastewater with sewage

1400-S3	230 V	874 10 68
1500-S3	400 V	874 10 69
3000-S3	400 V	874 10 70
4500-S3	400 V	874 10 71

1400-S1	230 V	874 10 72
1500-S1	400 V	874 10 73
3000-S1	400 V	874 10 74
4500-S1	400 V	874 10 75

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