

## Hybrid lifting station *Ecolift XL Mono/Duo*

Dry installation, for minimum installation depth



Base section made of PE

For installation in a concrete slab or outdoor underground installation 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 for wastewater with sewage
- 230 V-Versions ready to plug in

**Cable length:** 10 m

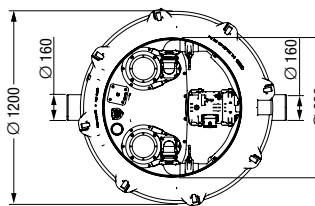
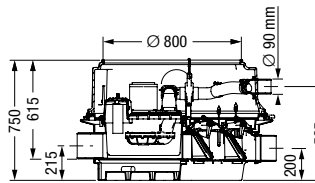
**Installation:**

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 85
- **Accessories:** pages 89 – 90



### Mono version with one pump

SPF pump	Voltage	Art. no.
With one motor-driven backwater flap for wastewater without sewage		
1400-S3	230 V	<b>874 10 44</b>
1500-S3	400 V	<b>874 10 45</b>
3000-S3	400 V	<b>874 10 46</b>
4500-S3	400 V	<b>874 10 47</b>

With two motor-driven backwater flaps for wastewater with sewage		
1400-S3	230 V	<b>874 10 48</b>
1500-S3	400 V	<b>874 10 49</b>
3000-S3	400 V	<b>874 10 50</b>
4500-S3	400 V	<b>874 10 51</b>

### Duo version with two pumps

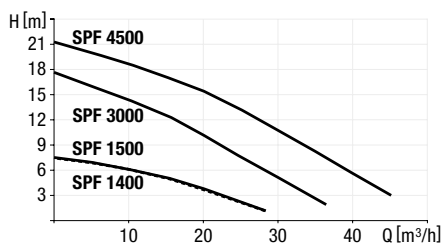
SPF pump	Voltage	Art. no.
With one motor-driven backwater flap for wastewater without sewage		
1400-S3	230 V	<b>874 10 60</b>
1500-S3	400 V	<b>874 10 61</b>
3000-S3	400 V	<b>874 10 62</b>
4500-S3	400 V	<b>874 10 63</b>

1400-S1	230 V	<b>874 10 64</b>
1500-S1	400 V	<b>874 10 65</b>
3000-S1	400 V	<b>874 10 66</b>
4500-S1	400 V	<b>874 10 67</b>

With two motor-driven backwater flaps for wastewater with sewage		
1400-S3	230 V	<b>874 10 68</b>
1500-S3	400 V	<b>874 10 69</b>
3000-S3	400 V	<b>874 10 70</b>
4500-S3	400 V	<b>874 10 71</b>

1400-S1	230 V	<b>874 10 72</b>
1500-S1	400 V	<b>874 10 73</b>
3000-S1	400 V	<b>874 10 74</b>
4500-S1	400 V	<b>874 10 75</b>

### 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 95

