

KESSEL Aqualift® F Lifting Station

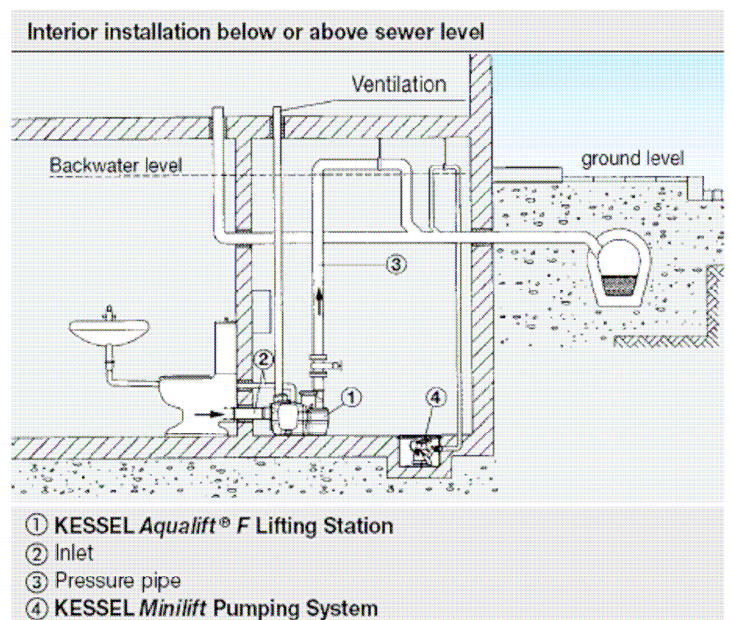
For wastewater with or without sewage.

With or without closure valve

Illustration & Dimensioned Drawing	Article Description	Power	Voltage	Article #																		
	<p>KESSEL Aqualift® F Lifting Station For wastewater with or without sewage. For installation in frost free rooms</p> <p>Consists of: Polyethylene storage chamber, chamber volume approx. 50 liters, pumping volume approx. 20 liters, with air pressure switching device, clean-out opening, Ø 110 inlet connection (inlet height 180 mm), Ø 75 ventilation connection, Ø 40 connection for emergency foot pump.</p> <p>With single vaned pump for pumping wastewater with or without sewage (40 mm open channel passage). Pump is rated submersible (IP 68). Power cable length - 5 m.</p> <p>Vertical or lateral Ø 110 outlet with integrated non-return valve. Connection coupling included.</p> <p>Control unit for fully automated pump operation, control unit is splash proof (400 V control unit rated IP 65, 230 V control unit rated IP 54), wall mounted.</p> <p>Total weight - approx 44 kg</p>			<p>Vertical Outlet (without closure valve):</p> <table border="1"> <tr> <td>1,1 kW</td> <td>400 V</td> <td>28 645</td> </tr> <tr> <td>1,1 kW</td> <td>230 V</td> <td>28 646</td> </tr> <tr> <td>2,2 kW</td> <td>400 V</td> <td>28 647</td> </tr> </table> <p>Lateral Outlet (with closure valve):</p> <table border="1"> <tr> <td>1,1 kW</td> <td>400 V</td> <td>28 644</td> </tr> <tr> <td>1,1 kW</td> <td>230 V</td> <td>28 648</td> </tr> <tr> <td>2,2 kW</td> <td>400 V</td> <td>28 649</td> </tr> </table>	1,1 kW	400 V	28 645	1,1 kW	230 V	28 646	2,2 kW	400 V	28 647	1,1 kW	400 V	28 644	1,1 kW	230 V	28 648	2,2 kW	400 V	28 649
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	<p>Certification #: Z-53.2-424</p>																					

Product Advantages of Aqualift F:

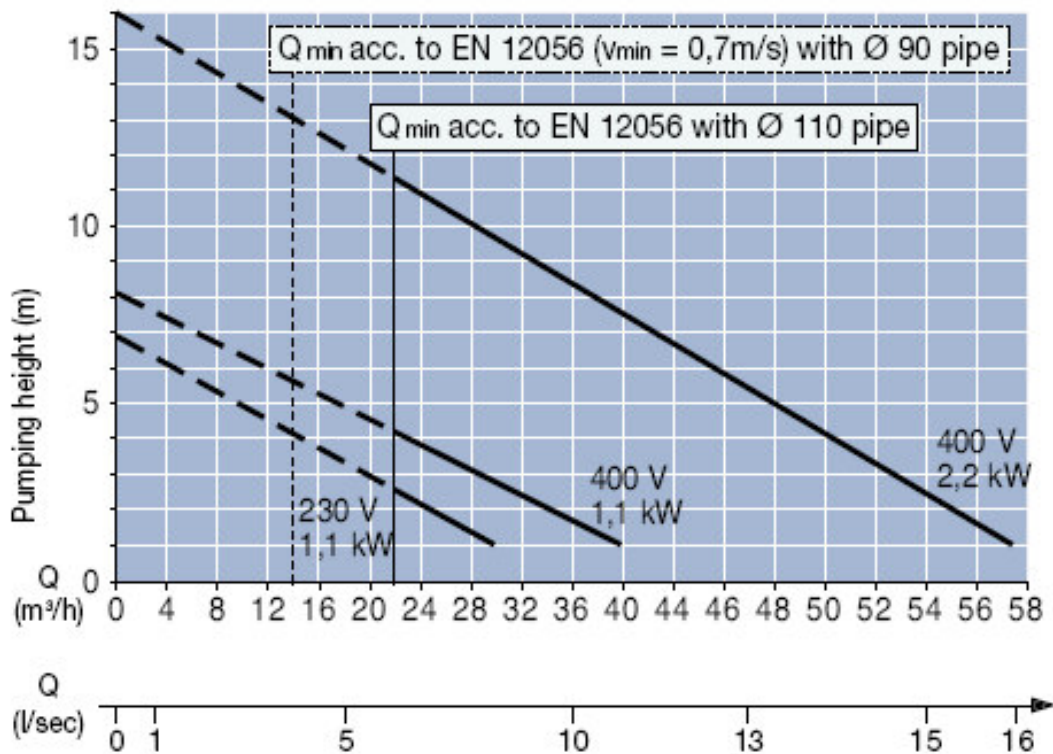
- Easy inlet connections (fits standard 180 mm toilet connection), includes connection outlets for ventilation and emergency foot pump.
- Connection of additional inlets up to size **DN 150** possible.
- Quick connection to outlet pressure pipe with included heavy - duty coupling.
- Control unit provides fully automated operation with Manual - Off - and Automatic settings. Optical and audible alarms, detailed operation and warning display, adjustable pump start and stop wastewater levels.
- Pneumatic pressure switch provides problem free operation.
- Maintenance friendly polyethylene chamber.
- 230 V models are plug - in - ready.



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Pump Performance Diagram Aqualift F



Type	400 V - 1,1 kW	400 V - 2,2 kW	230 V - 1,1 kW
Power (P2)	1,1 kW	2,2 kW	1,1 kW
Intake Power (P1)	1,4 kW	2,7 kW	1,7 kW
Voltage	400 V DS	400 V DS	230 V WS
Cycles	50 Hz	50 Hz	50 Hz
Amperage	2,7 A	4,9 A	7,3 A
Fuses	3 x 16 A	3 x 16 A	16 A
Cable connections	5 m length, 7 x 1,5 mm ²	5 m length, 7 x 1,5 mm ²	5 m length, 7 x 1,5 mm ²
Medium temperature	35°C	35°C	35°C
Weight (pump)	30 kg	31 kg	30 kg
Protection	IP 68	IP 68	IP 68

Aqualift F Duo also available, with twin pumps, 400v 3 Ph only

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