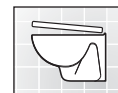
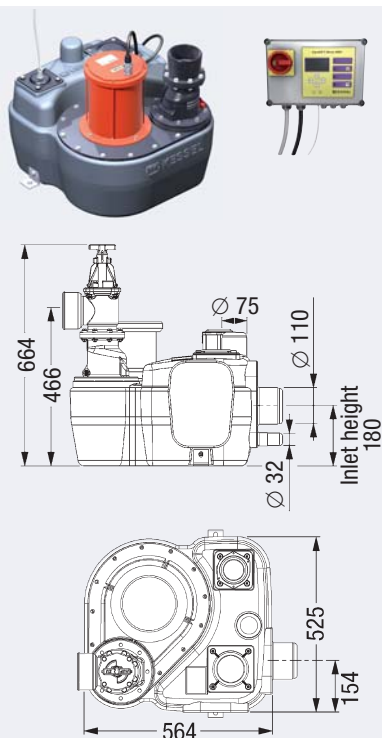


## Lifting station *Aqualift F* for wastewater with or without sewage with/without closure valve for free-standing installation according to EN 12056



### Illustration and dimensioned drawing



### Article description

#### Lifting station *Aqualift F* Single station

for wastewater with or without sewage for free-standing installation in frost-free rooms

Consisting of:

**Polyethylene storage chamber**, chamber volume approx. 50 liters, pumping volume approx. 20 liters, with air pressure level detector, clean-out opening. Connection for inlet  $\varnothing$  110 (inlet height 180 mm) and ventilation  $\varnothing$  75, connection coupling for manual diaphragm pump  $\varnothing$  32.

**Wastewater pump** with non-chokable impeller to pump wastewater with or without sewage (open channel passage 40 mm). Pump is rated submersible (IP 68), power cable length 10 m.

**Vertical / horizontal outlet** with integrated non-return valve, connection coupling  $\varnothing$  110 with hose section, with/without closure valve (provided loose)

1 **Komfort control unit** with mains power ON / OFF switch and multilingual digital display (EN, DE, FR, IT, PL, NL) showing current operational status, settings and logbook; control unit is splash proof (IP 65), wall mounted, voltage 400 V DC at 50 Hz. With potential-free contact.

2 **Standard control unit** for fully automated pump operation, control unit is splash proof (IP 54 at 230 V), wall mounted, voltage 230 V AC at 50 Hz. With potential-free contact.

Total weight approx. 44 kg.

CE EN 12050-1

### Power

### Current connection

### Article #

1 With **Komfort control unit**:



Without closure valve with vertical pressure outlet:

1.1 kW	400 V	28 751
2.2 kW	400 V	28 752

With closure valve with horizontal pressure outlet:

1.1 kW	400 V	28 753
2.2 kW	400 V	28 754

2 With **Standard control unit**:



Without closure valve with vertical pressure outlet:

1.1 kW	230 V	28 646
--------	-------	--------

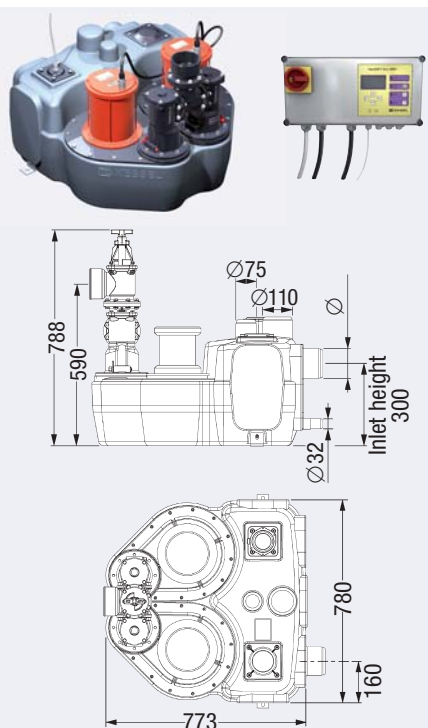
With closure valve with horizontal pressure outlet:

1.1 kW	230 V	28 648
--------	-------	--------

## Lifting station *Aqualift F Duo* for wastewater with or without sewage with or without closure valve for free-standing installation according to EN 12056



### Illustration and dimensioned drawing



### Article description

#### Lifting station *Aqualift F Duo* Twin station

for wastewater with or without sewage for free-standing installation in frost-free rooms

Consisting of:

**Polyethylene storage chamber**, chamber volume approx. 120 liters, pumping volume approx. 50 liters, with air pressure level detector, clean-out opening. Connection for inlet  $\varnothing$  110 (inlet height 300 mm) and ventilation  $\varnothing$  75, connection coupling for manual diaphragm pump  $\varnothing$  32.

**Twin wastewater pump** with non-chokable impeller to pump wastewater with or without sewage (open channel passage 40 mm). Pump is rated submersible (IP 68), power cable length 10 m.

**Vertical/horizontal outlet** with integrated non-return valve, connection coupling  $\varnothing$  110 with hose section, with/without closure valve (provided loose)

**Komfort control unit** with mains power ON / OFF switch and multilingual digital display (EN, DE, FR, IT, PL, NL) showing current operational status, settings and logbook; control unit is splash proof (IP 65), wall mounted, voltage 400 V DC at 50 Hz. With potential-free contact.

Total weight approx. 84 kg.

CE EN 12050-1

### Power

### Current connection

### Article #

With **Komfort control unit**:



Without closure valve with vertical pressure outlet:

1.1 kW	400 V	28 764
2.2 kW	400 V	28 765

With closure valve with horizontal pressure outlet:

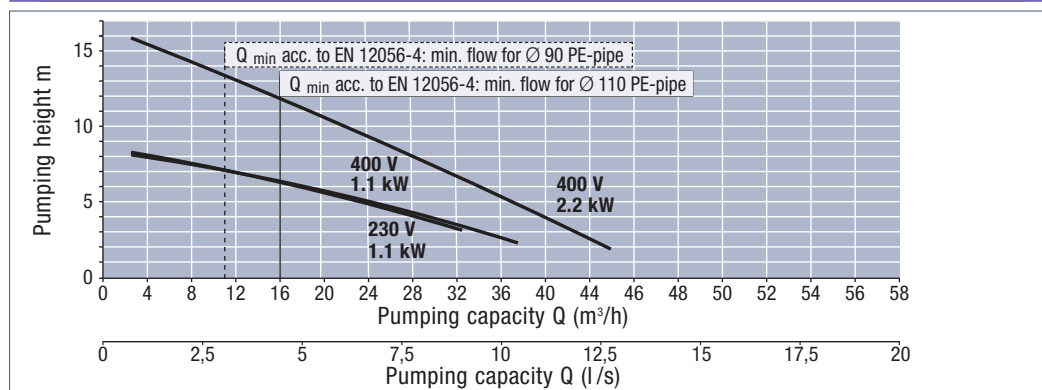
1.1 kW	400 V	28 766
2.2 kW	400 V	28 767



Hoogeindsestraat 5  
NL - 5447 PD Rijkevoort  
Nederland  
T : +31 (0) 485 - 371318  
F : +31 (0) 485 - 371918  
info@pompentechniek.nl  
www.pompentechniek.nl

# Lifting station *Aqualift F* for wastewater with or without sewage with/without closure valve for free-standing installation according to EN 12056

Performance Diagram *Aqualift F*



Type	FPF 110 - 230 V	FPF 110 - 400 V	FPF 220 - 400 V
Power (P2)	1.1 kW	1.1 kW	2.2 kW
Intake Power (P1)	1.6 kW	1.4 kW	3.2 kW
Voltage	230 V AC	400 V DC	400 V DC
Frequency	50 Hz	50 Hz	50 Hz
Amperage	7.3 A	2.7 A	5.4 A
Fuses	16 A surge-proof	3 x 16 A surge-proof	3 x 16 A surge-proof
Cable connections	10 m Length, 7 x 1.5 mm <sup>2</sup>	10 m Length, 7 x 1.5 mm <sup>2</sup>	10 m Length, 7 x 1.5 mm <sup>2</sup>
Media temperature	40°C	40°C	40°C
Weight (Pump)	23 kg	24 kg	24 kg
Protection	IP 68	IP 68	IP 68
Operating mode	S3 60% power on duration	S3 60% power on duration	S3 30% power on duration
U / min	1.370	1.415	2.845

## KESSEL - Professional advantages

### Quality and reliability are our strengths:

- Reliable function and fully automated operation
- High capacity and compact pumps
- Simple to install or mount in a small space



### 400 Volt Komfort control unit

- User friendly navigation in multi-line display
- With self-diagnosis system SDS and memory function for the next service
- Displays the current measured values
- Simple setting of the parameters relevant for the function
- Operating hours counter
- Optional forwarding of alarm and general fault signals via a GSM interface
- Multilingual display (EN, DE, FR, IT, PL, NL)

## Accessories

	Ø	Article #
<p>Art. # 28 683</p> <p>Art. # 28 698</p>	<b>Closure valve</b>	
	Ø 110	28 683
	for article numbers: 28 646, 28 751, 28 752, 28 764 and 28 765 as retrofit kit	
	<b>Closure valve made of polymer</b>	
	Ø 110	28 698
	Ø 160	28 699
	<b>Manual diaphragm pump 1½ inch</b>	
	1½ inch	28 680
	<b>Elastic hose connection</b>	
	Ø 32	28 660
	Ø 75	28 661
	<b>Sound absorption</b>	
	Ø 110	28 663
	Rubber fabric hose (L = 200 mm) with two hose clamps for connecting pipe lines	
	<b>Pipe sealing gasket</b>	
	Ø 50	850 114
	Ø 75	850 116
	<b>Sound absorbing underlay mat (10 mm thick)</b>	
	Ø 110	850 117
	Ø 125	850 118
	Ø 160	850 119
	-	
-		28 693
<b>Pipe sealing gasket (EPDM)</b>		
Use KESSEL hole saw when drilling.		
<b>Hole saw</b>		
for drilling lateral surfaces for inlets and outlets		
Ø 50, 75, 110, 125 and 160		
(Saw blade holder Ø = 190 mm)		
-		50 100