

# Atlas 140 Twin (Three Phase)

The Atlas 140 Twin is a fully automatic floor mounted pumping station suitable for pumping both foul and storm water to a higher level when gravity drainage is not possible and/or economical to install.

It features two vortex pump and requires a 400 V three-phase mains power connection. It includes dynamic pressure sensors in the tank and a control panel to activate and deactivate the pump and alert if a high level condition is detected.

Like all our floor mounted pumping stations, it does not require civils works which makes it ideal for retrofitting into an existing buildings. Its compact chamber allows passage through standard door openings.

It can accept inlets from many orientations up to DN 150 to suit the applications and site requirements. There is a flanged DN 80 discharge with plus flanged socket with 4" sleeve and clips (for discharge to DN 80/100).



## KEY FEATURES

- Suitable for pumping grey and foul water in accordance with BS EN 12050-1
- Quick and simple installation, without needing civils works
- Compact, robust, odour-tight polyethylene tank
- Compact dimensions that allow passage through a standard door opening
- Dynamic pressure level sensors in the tank, and a control panel with high level alarm and volt-free contact
- A range of accessories

## WASTE TYPE

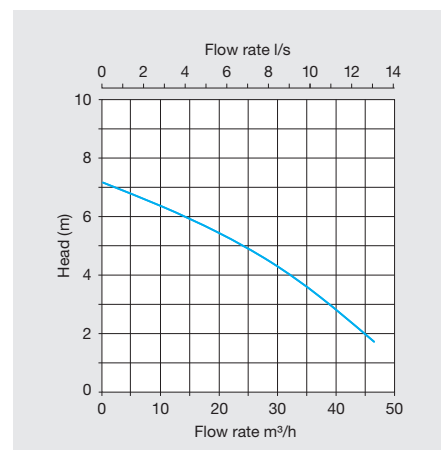


Grey

Foul

## TECHNICAL DATA

Power supply	400 V AC 3~
Number of pumps	2
Pump type	Vortex
Rated current	3.5 A
Motor rating (P2)	1400 W
Revolutions per min.	1450
Max vertical output	7 m
Max flow rate	12 l/s
Max liquid temp.	<40°C
Discharge size	DN 80 / DN 100
Mains cable length	1.5 m
Weight	115 kg
Tank capacity	140 l
Tank material	Polyethylene



## RECOMMENDED ACCESSORIES

Gate valve DN80 (PN 16)



#10011

Hand membrane pump



#11010

Microvent kit



#13001

Microfilter internal filter

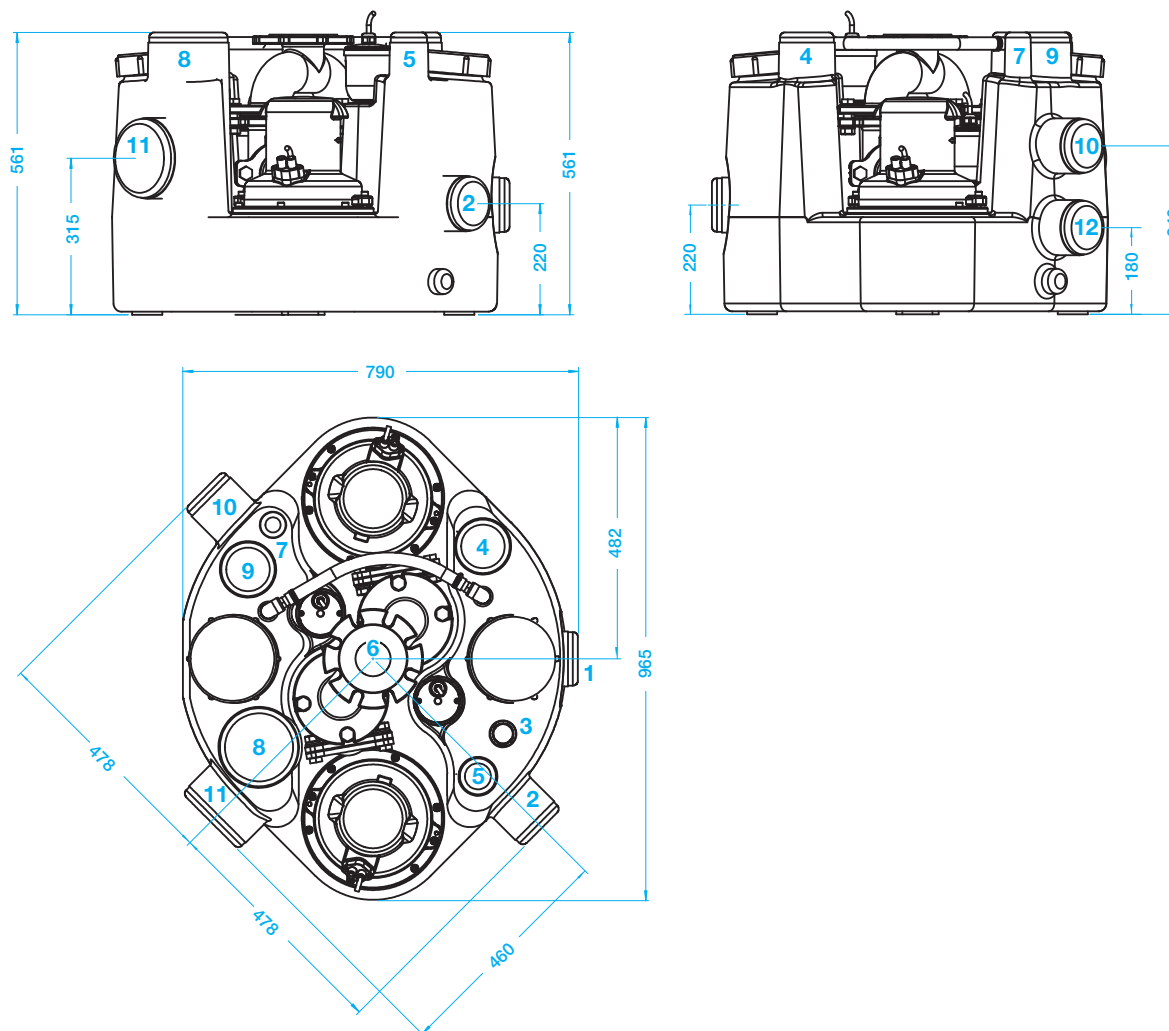


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## DIMENSIONS



mm	Length	Width	Height
Chamber	965	561	790
Control panel	185	235	115

### Connections

- |                                    |                       |
|------------------------------------|-----------------------|
| 1. Inflow DN 100                   | 7. Inflow DN 50       |
| 2. Inflow DN 100                   | 8. Inflow DN 150      |
| 3. Inflow/Hand membrane pump DN 40 | 9. Inflow/Vent DN 100 |
| 4. Inflow/Vent DN 100              | 10. Inflow DN 100     |
| 5. Inflow/Vent DN 70               | 11. Inflow DN 150     |
| 6. Discharge flange DN 80          | 12. Inflow DN 100     |

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