AirBREAK

PRODUCT DATA SHEET

VC1-03-005M

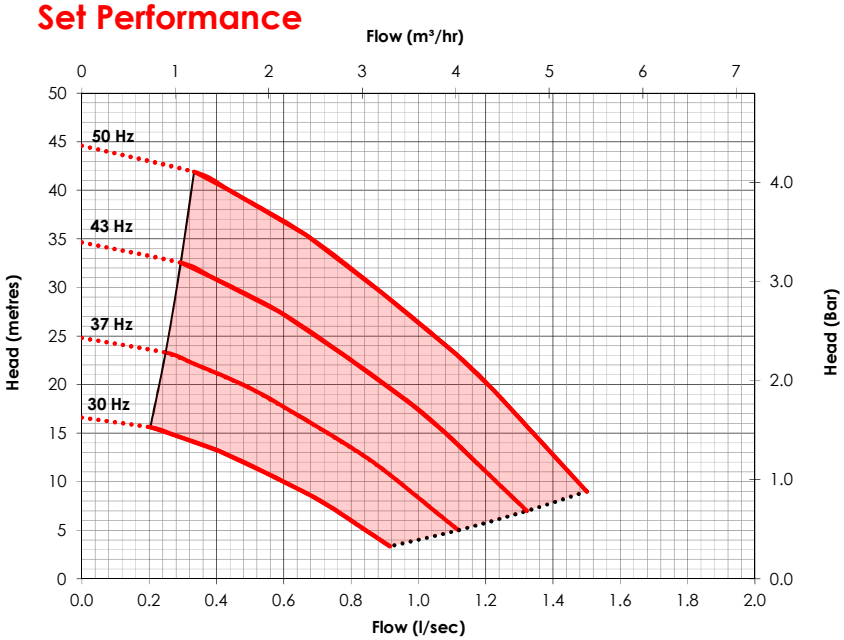
Product Description

Dutypoint Systems AirBREAK ™ combined cat 5 break tank and variable speed single pump booster system. Unit can be free standing or wall mounted and includes a polyethylene tank with 36L nominal capacity with high flow failsafe motorised inlet valve controlled via probe sensors and an internal flow calming baffle to protect the pump against air locking. Control system includes an variable speed drive controller for constant pressure, common fault volt-free contacts for connection to BMS, spare terminals for optional fitting of thermostat and heater.



Accreditations	- Water Regulations Category 5 backflow prevention compliant - KUK Reg4 Approved (non-wholesome use) - WRAS Approved (non-wholesome use)
Control System	- Conductivity probe tank level sensors - Variable speed drive controller for constant pressure - Spare power terminals for connection of optional anti-frost heater
Protection	- Integrated electornic dry running protection with auto-reset - Pump protection MCB
Available Factory Fitted Optional Extras*	- High Level Alarm - Integrated anti-frost thermostat and heater - Weir tray piped to overflow
Available Accessories*	- Wall mounting bracket - Back closure plate (floor standing applications away from wall) - Wall mountable weatherproof kiosk - Floor mountable weatherproof kiosk - Stainless steel drip tray (compatable with both free-standing and wall mounting configuration) - Pressure reducing valve for outlet pressure control

Set Performance



WRAS APPROVED PRODUCT
CERTIFICATION MARK

Specification

Suction connection	1/2" BSP
Delivery connection	1" BSP
Max operating flow (per pump)	1.5 l/s
Max operating pressure	4.1 bar
Closed valve pressure	4.4 bar
Maximum system pressure rating	10 bar
Speed	Variable
IP rating	IP44
Motor power	0.55 kW
Weight	44 kg
Pressure vessels N° x [Litres]	N/A
Maximum operating temperature	23 °C

*For high temperature application please contact the office.

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Electrical Data

Supply Voltage/Φ/Hz
230/1/50

Per pump Current @ Full Load
3.7 A

Model Codes

VC1-03-005M

- VQ - Variable Speed High Performance
- FQ - Fixed Speed High Performance
- VC – Variable speed compact

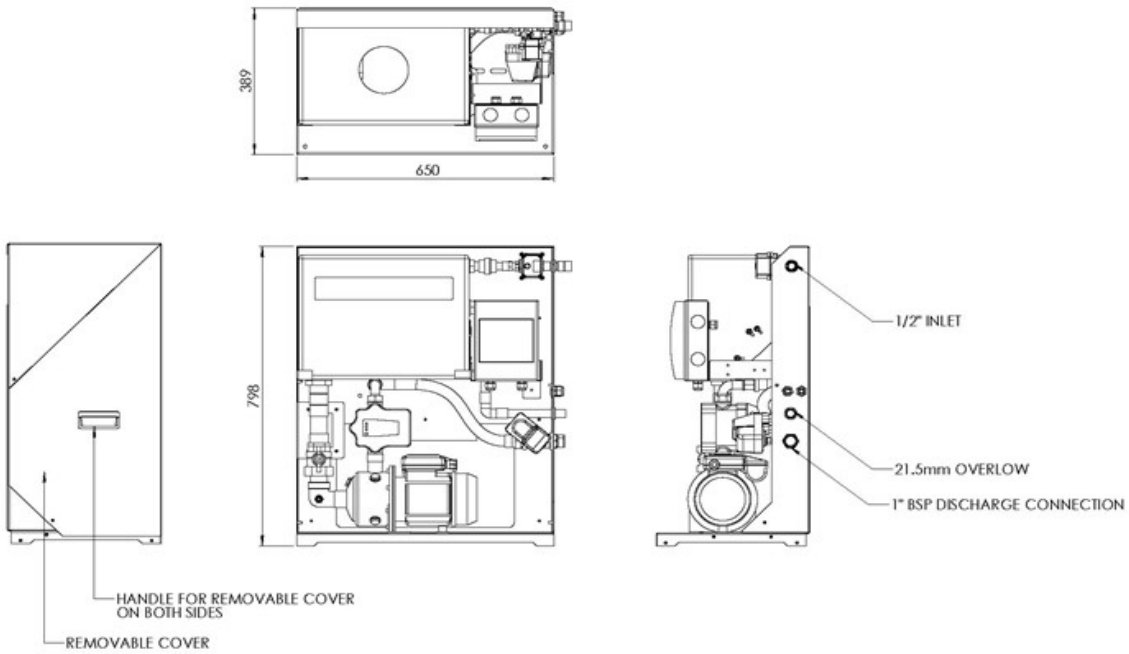
Number of pumps

Nominal flow (m³/h)

Motor kW per pump

Power supply

Technical Drawing



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