

FQ1-03-011T

Product Description

Dutypoint Systems AirBREAK™ combined cat 5 break tank and fixed speed single pump booster system. Free-standing unit comprising an insulated polyethylene tank with 90L 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 electronic pump controller with adjustable start pressure, common fault volt-free contacts for connection to BMS, PurgePRO™ automatic pressure vessel purging system, anti-seize protection. Unit also includes pump union, isolation and non-return valves, pressure vessel and pressure gauge.

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|---|---|
| Accreditations | <ul style="list-style-type: none"> - Water Regulations Category 5 backflow prevention compliant - KUK Reg4 Approved (non-wholesome use) - WRAS Approved (non-wholesome use) |
| Control System | <ul style="list-style-type: none"> - Conductivity probe tank level sensors - Electronic pump controller with adjustable start pressure - Anti seize function |
| Protection | <ul style="list-style-type: none"> - Low level protection against dry running - Pump protection MCB - PurgePRO™ auto pressure vessel purge function |
| Available Factory Fitted Optional Extras* | <ul style="list-style-type: none"> - High level alarm VFC - High temperature alarm VFC - Auto purge on high temperature function - Weir tray with waste pipe connection - 90L slave tank with inlet valves |
| Available Accessories* | <ul style="list-style-type: none"> - Weatherproof kiosk c/w stat and heater - GRP Drip Tray with level sensor - Pressure reducing valve for outlet pressure control |

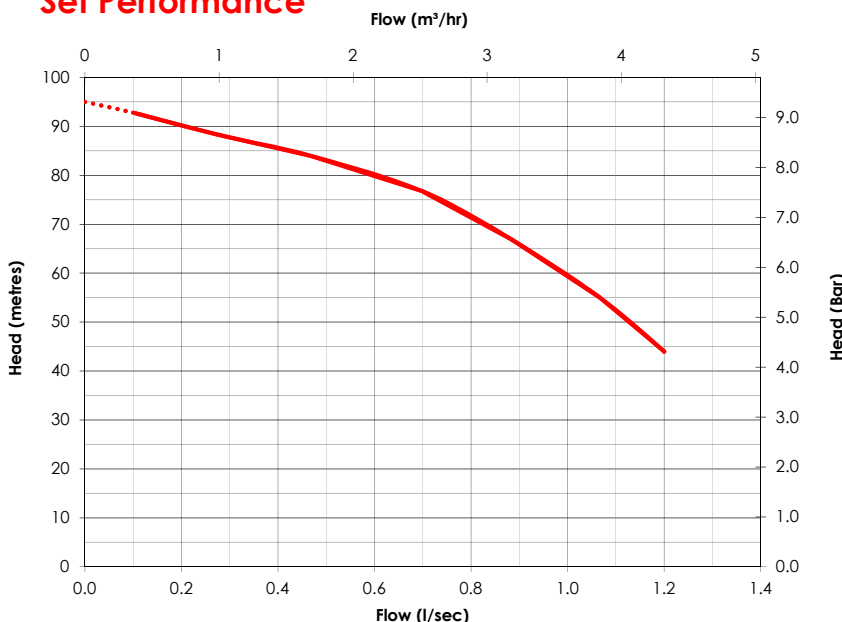


Specification

| | |
|--------------------------------|------------|
| Suction connection | 1" BSP |
| Delivery connection | 1 1/4" BSP |
| Max operating flow (per pump) | 1.2 l/s |
| Max operating pressure | 9.1 bar |
| Closed valve pressure | 9.3 bar |
| Maximum system pressure rating | 10 bar |
| Speed | Fixed |
| IP rating | IP44 |
| Motor power | 1.1 kW |
| Weight | 62 kg |
| Pressure vessels N° x [Litres] | 1 x 8L |
| Maximum operating temperature | 23 °C |

*For high temperature application please contact the office.

Set Performance



DUTYPOINT

www.dutypoint.com

Electrical Data

| |
|------------------------------|
| Supply Voltage/Φ/Hz |
| 400/3/50 |
| Per pump Current @ Full Load |
| 2.3 A |

Model Codes

FQ1-03-011T

VQ - Variable Speed High Performance

FQ - Fixed Speed High Performance

FC - Fixed Speed Compact

Number of pumps

Nominal flow (m³/h)

Motor kW per pump

Power supply

Technical Drawing

