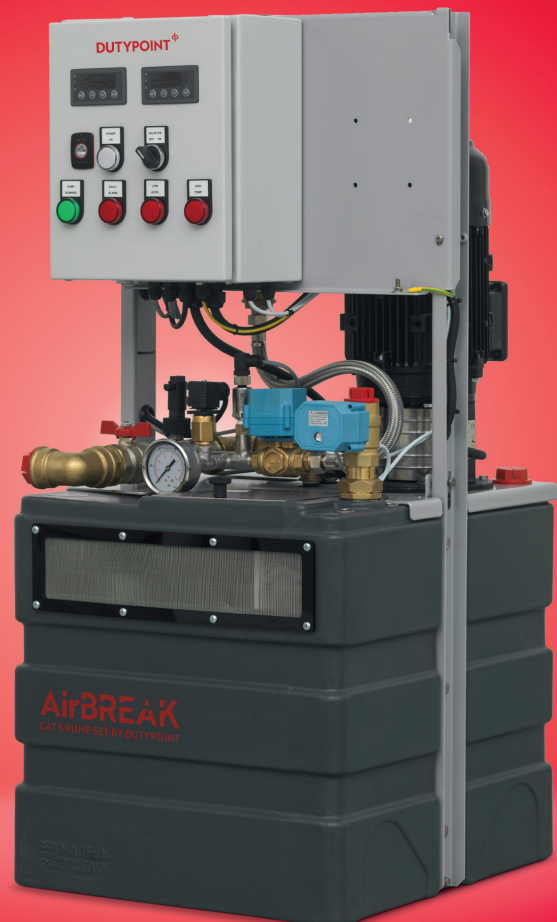




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AIRBREAK FQ CAT 5 BOOSTER SET



AirBREAK FQ

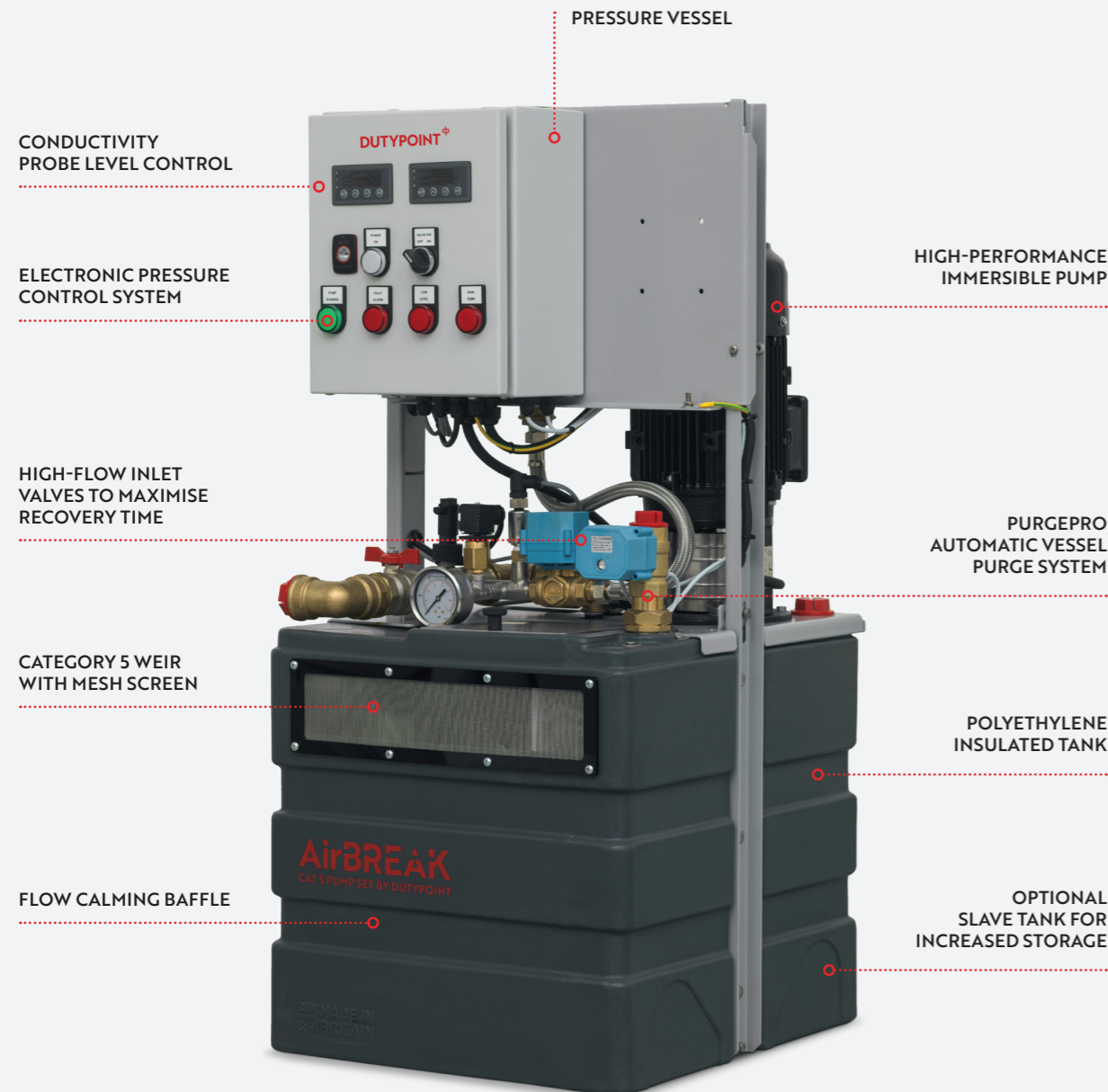
Fixed speed high-performance set.

PRODUCT OVERVIEW

- Motorised 1" inlet valve for ultra-high top-up flow rate
- PurgePRO automatic pressure vessel purge function
- Anti-seize technology



Key Features



Specification

The WRAS-approved AirBREAK FQ is a space-saving, fixed speed single pump combined break tank and booster pump designed for Category 5 backflow protection applications. With its unique immersible type pump design, the FQ delivers unrivalled performance for its footprint.

The premium control system incorporates intelligent pump control utilising both pressure transducer and flow sensors to maximise efficiency and reduce the frequency of pump cycling for lower flow scenarios.

PurgePRO automatic pressure vessel purge function and anti-seize are included as standard.

PRODUCT OVERVIEW

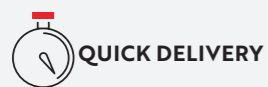
- Industry-leading performance for its footprint
- Motorised 1" inlet valve for ultra-high top-up flow rate
- Integrated flow calming system to reduce turbulence
- Electronic pressure control
- 8-litre pressure vessel
- Common fault volt-free contact
- PurgePRO automatic pressure vessel purge function
- Anti-seize technology
- Insulated tank

OPTIONS

- High-level alarm VFC
- High-temperature alarm VFC
- High-temperature alarm with an automatic purge
- Weir overflow catch tray with a piped outlet to waste
- Tank drain valve
- Slave tank to double capacity
- Weatherproof kiosk with frost stat, heater and consumer in
- Drip tray c/w level sensor linked to inlet cut-off

RANGE PERFORMANCE

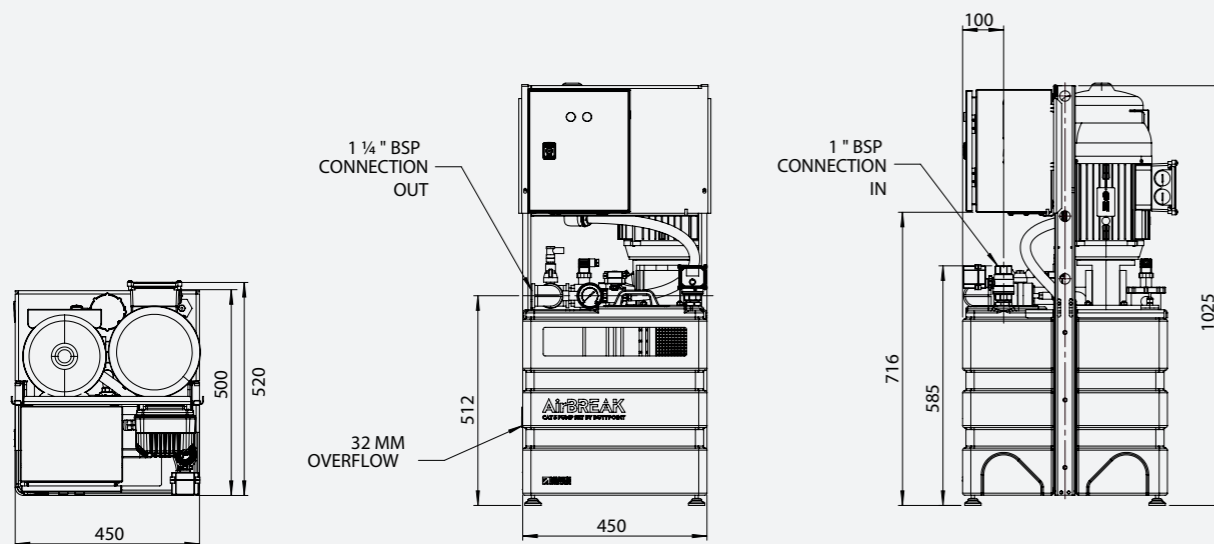
Flow range	0 - 2.2 l/s
Pressure range	1 - 10 bar
Pressure control type	Fixed speed
Maximum system pressure	10 bar
Tank capacity (nominal)	90 litres
Power supply	230 V 1ph 50 Hz or 400 V 3ph 50 Hz
IP rating	IP44
Inlet connection	1" BSP
Outlet connection	1 1/4" BSP
Air gap category	Category 5 (AB)
Overflow connection	40 mm
Tank construction	Polyethylene



FQ03/05

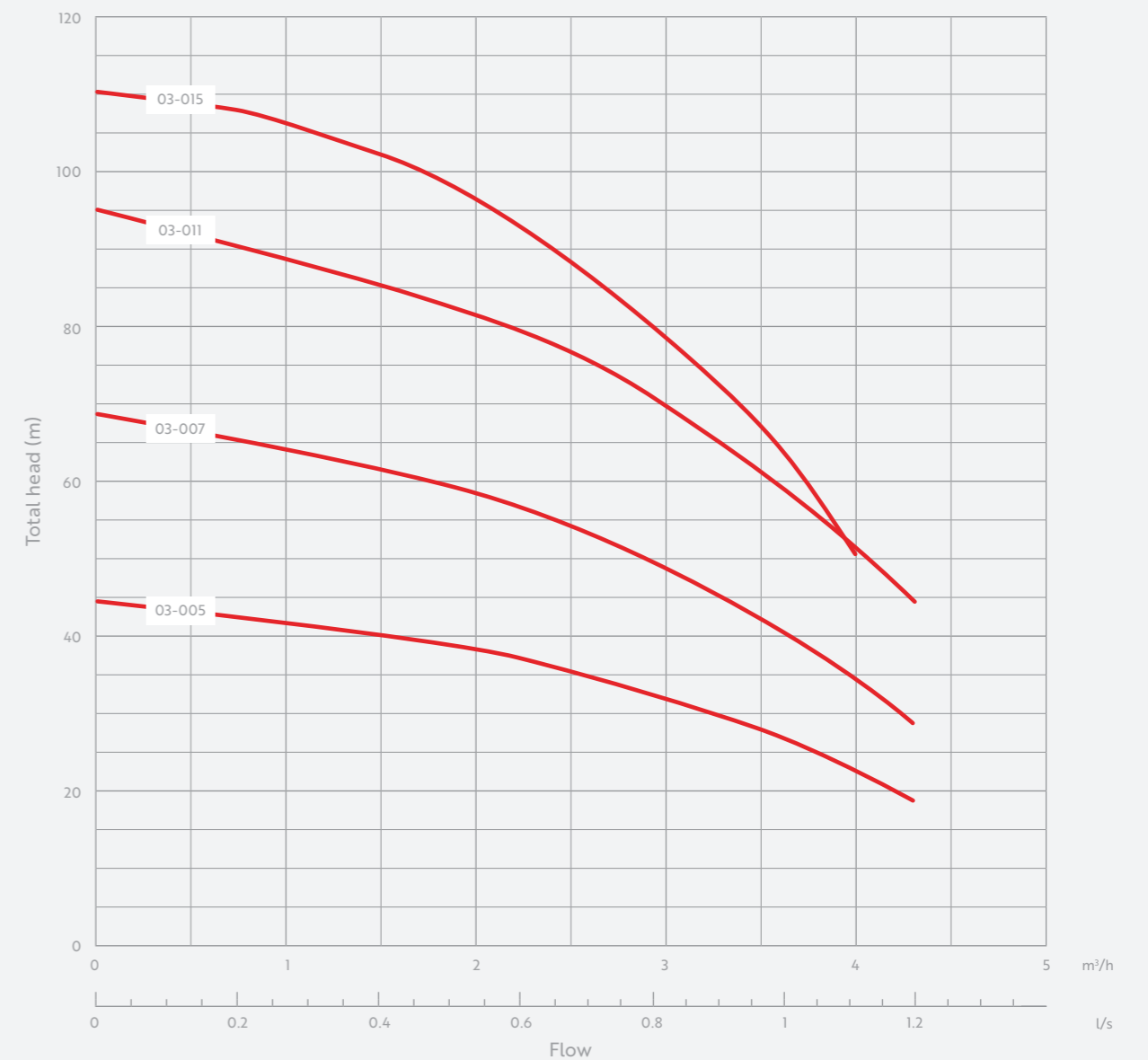
DRAWINGS AND DIMENSIONS

Model no.	Motor power p2 (kW)	Supply voltage	FLC (A)	Total weight (kg)
FQ1-03-005M	0.55	230/1/50	3.6	54
FQ1-03-005T	0.55	400/3/50	1.5	54
FQ1-03-007M	0.75	230/1/50	4.5	55
FQ1-03-007T	0.75	400/3/50	2	55
FQ1-03-011M	1.1	230/1/50	5	62
FQ1-03-011T	1.1	400/3/50	2.3	62
FQ1-03-015T	1.5	400/3/50	3.1	68
FQ1-05-005M	0.55	230/1/50	3.6	53
FQ1-05-005T	0.55	400/3/50	1.5	53
FQ1-05-007M	0.75	230/1/50	4.5	55
FQ1-05-007T	0.75	400/3/50	2	55
FQ1-05-011M	1.1	230/1/50	5	62
FQ1-05-011T	1.1	400/3/50	2.3	62
FQ1-05-015M	1.5	230/1/50	8.5	67
FQ1-05-015T	1.5	400/3/50	3.4	67
FQ1-05-022T	2.2	400/3/50	4.4	72



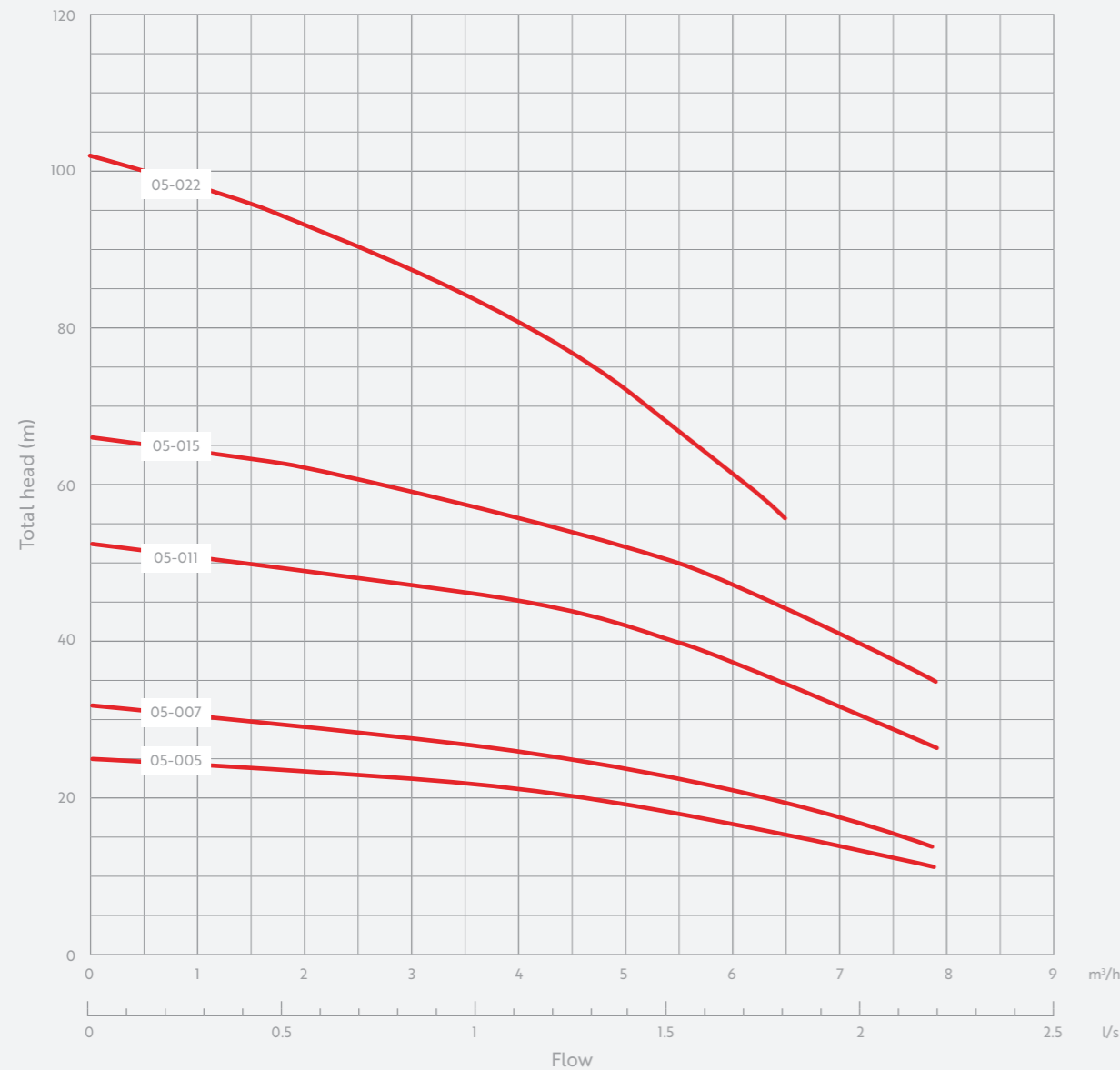
FQ03 Series

SINGLE PUMP CURVES



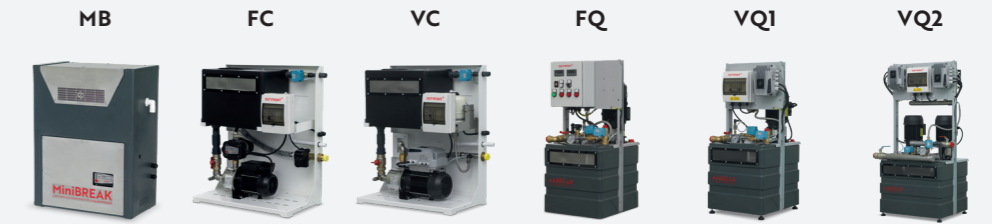
FQ05 Series

SINGLE PUMP CURVES



Which Category 5 Booster Set?

Whether you need a certain level of efficiency or have limited plant room space, our category 5 booster range is equipped to meet your project's requirements.



	MB	FC	VC	FQ	VQ1	VQ2
Recommended unit	MiniBREAK	AirBREAK FC	AirBREAK VC	AirBREAK FQ	AirBREAK VQ1	AirBREAK VQ2
Flow range (l/s)	0.1 – 0.4	0.2 - 1.8	0.2 - 1.8	0 - 2.2	0 - 2.2	0 - 4
Dry run protection	Yes	Yes	Yes	Yes	Yes	Yes
Pressure range (bar)	1 - 3	1 - 8	1 - 8	1 - 10	1 - 16	1 - 16
Nominal tank capacity (L)	23	36	36	90	90	120
Supply voltage	1ph	1ph	1ph	1ph or 3ph	1ph or 3ph	1ph or 3ph
Control type	Fixed speed	Fixed speed	Variable speed	Fixed speed	Variable speed	Variable speed
Overall dimensions (W x D x H mm)	500 x 280 x 660	650 x 389 x 798	650 x 389 x 798	450 x 520 x 1025	450 x 520 x 1025	600 x 542 x 1316
Insulated tank	Yes, optional for FQ, VQ1 and VQ2 models	Optional	Optional	Optional	Optional	Optional
Wall mountable	Yes	Optional	Optional	No	No	No
Auto vessel purge	No	No	No	Yes	Yes	Yes
Anti-seize	No	Yes	Yes	Yes	Yes	Yes
Volt-free contact	Yes	Yes	Yes	Yes	Yes	Yes
Frost protection kit available	Yes	Yes	Yes	Yes	Yes	Yes



**Let's talk about the
AirBREAK FQ cat 5 booster set**

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