



flowpac[®]

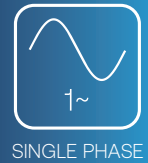
Resi Domestic Booster Sets

DATA SHEET

First Publication Date: 16/09/2021

Revision: v3

Revision Date: 06/07/2022



Available in three
tank sizes:

300 litre

500 litre

1000 litre

PRODUCT OVERVIEW

flowpac resi domestic booster sets

The future of domestic water boosting is here. The Flowpac Resi is a compact, all-in-one solution for poor domestic water pressure that offers a slim WRAS approved cold water storage tank with integrated 7" multi-stage electronic pump with variable speed drive. This versatile piece of equipment offers pressures of up to 5.5 bar and a maximum flow rate of 2 l/s. The Flowpac Resi is supplied fully assembled for easy plug-and-play installation.

The electronic operation allows the pump to start and stop autonomously and the variable speed drive means the unit is operating according to the system requirements. Working pressure is adjustable from 1 to 5.5 bar and protects against dry running.

Thanks to modern technology the Flowpac Resi can keep you updated on its operation whenever and wherever you are. The Flowpac Resi Box 2 coupled with the app means it's possible to check and manage the system pressure, alarms and the amount of residual water in the tank directly from your smartphone or tablet.

- Maximum Flow Rate: 2 l/s
- Head up to: 55m
- Adjustable constant pressure: pre-set 3 bar, adjustable from 1 to 5.5 bar
- Power cable (m) and plug: 15 m with plug
- Single phase power input: 230 V 50 Hz
- Flowpac Resi Box 2 supplied as standard

PRODUCT DETAILED OVERVIEW

flowpac resi domestic booster sets



Expansion Vessel

Potable expansion vessel sized to prevent the pump from cycling in the event of small leaks and to compensate for water hammer.



NFC Float Switch

NFC (Near-Field Communication) Float Switch installed and connected to pump to avoid dry running caused by low water in the cold water storage tank.



Additional Water Storage

Secondary tank can be installed (sold separately) to provide additional water storage when required.



App Controlled

The Flowpac Resi Box 2 with the app means you can control the pump directly from your smartphone or tablet.

flowpac resi domestic booster sets

MODELS, DIMENSIONS & ELECTRICAL DATA

flowpac resi domestic booster sets

PERFORMANCE AT 50 HZ

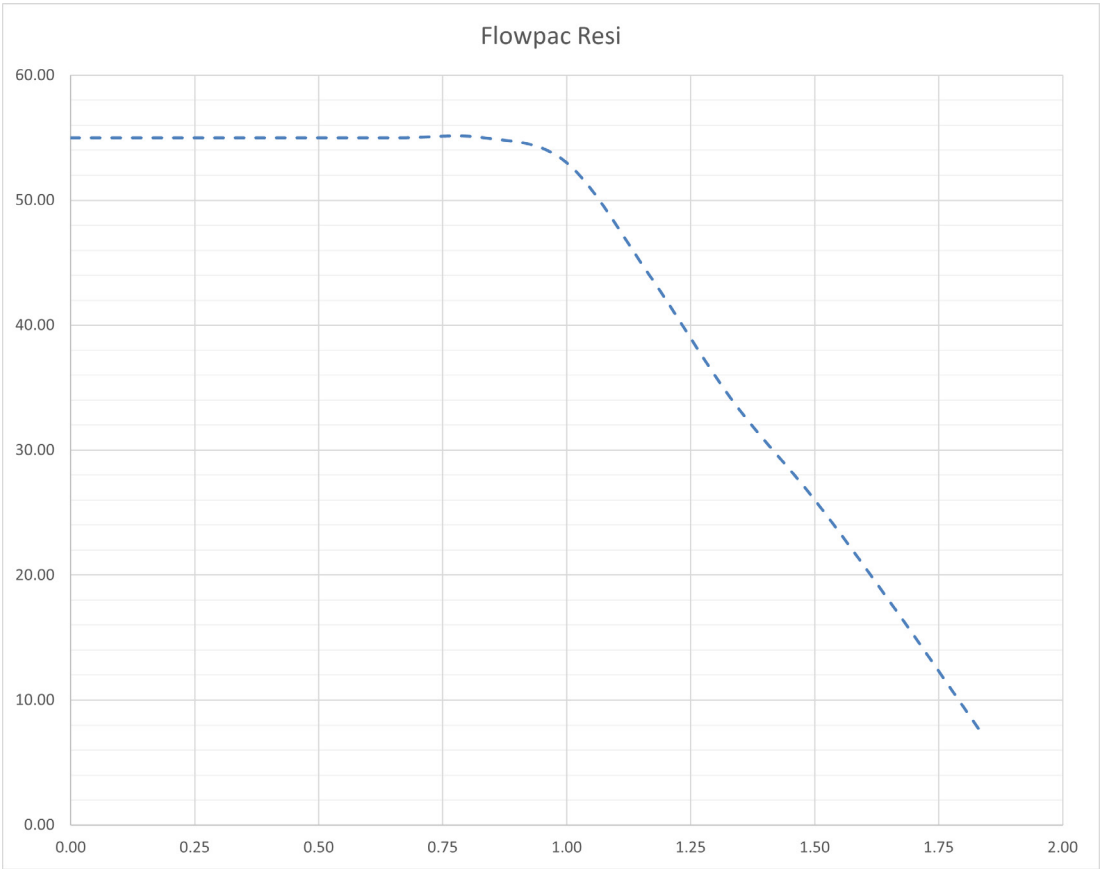
| Electrical Data | | HYDRAULIC DATA | | | | | | | | | | | | | |
|-----------------|-----|---------------------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| PT Nominal | | Q=m ³ /h | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | 6,6 | 7,2 |
| kW | HP | Q=l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| 0,95 | 1,3 | H (mt) | 55 | 55 | 55 | 55 | 55 | 55 | 53 | 44 | 34 | 26 | 17 | 7,5 | |

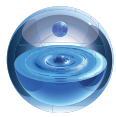
| Model | Inlet | Outlet | Overflow | Power Input 50 Hz | kW | In A |
|-------------------|-------|--------|----------|--------------------|------|------|
| Flowpac Resi 300 | ¾" | 1" | 1 ¼" | 1 x 220-240 V ~ | 0.95 | 5.5 |
| Flowpac Resi 500 | | | | | | |
| Flowpac Resi 1000 | | | | | | |

| Model | Nominal Capacity | Height to Inlet | Tank Height | Overall Height | Width (Max) |
|-------------------|------------------|-----------------|-------------|----------------|-------------|
| Flowpac Resi 300 | 300 Litre | 935mm | 1100mm | 1450mm | 760mm |
| Flowpac Resi 500 | 500 Litre | 1350mm | 1570mm | 1920mm | 810mm |
| Flowpac Resi 1000 | 1000 Litre | 1380mm | 1600mm | 1950mm | 1110mm |

PERFORMANCE CURVE DATA

flowpac resi domestic booster sets





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WATER SOLUTIONS

flowzone[®]

MEMBERS AREA

This section of the **flowtech**[®] website holds information exclusively for members. Members will need to log in to gain access to these pages.

Our member's will be granted exclusive access to our technical resource library. Within this resource is a wide range of product information including data sheets, technical drawings, O&M Manuals and training videos



flowcare[®]

AFTER SALES SERVICE

At **flowtech**[®] we operate a network of Service Engineers located throughout the UK who are supported by our offices located in Greater Manchester. The distribution of engineers means that in the majority of cases we are less than 4 hours away from attending a customer call out.

We place great emphasis on providing technical back up to support our Service Engineers in resolving some difficult operational and technical issues. We pride ourselves on completing a project on time, within budget and never leaving a problem unresolved, or a customer waiting. This quality of service has made us the first choice for our customers.

FOR FURTHER INFORMATION OR ASSISTANCE

contact us

Flowtech Water Solutions are experts in water services and water booster sets.

We have continuously supplied a wide range of standard and custom products since being founded in 1996.

MANUFACTURE & SUPPLY

TELEPHONE : 0333 200 1756

EMAIL: info@flowtech.org.uk

SERVICE & MAINTENANCE

TELEPHONE : 0333 200 1813

EMAIL: service@flowtech.org.uk

WEBSITE: www.flowtech.org.uk

ADDRESS : Unit 1 Lock Flight Buildings, Wheatlea Industrial Estate,
Wigan, Greater Manchester WN3 6XP United Kingdom

