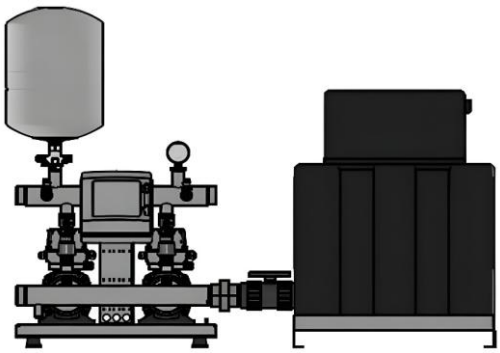
Flowboost

PRODUCT DATA SHEET

FPAH2-0509-022-M-227-AB

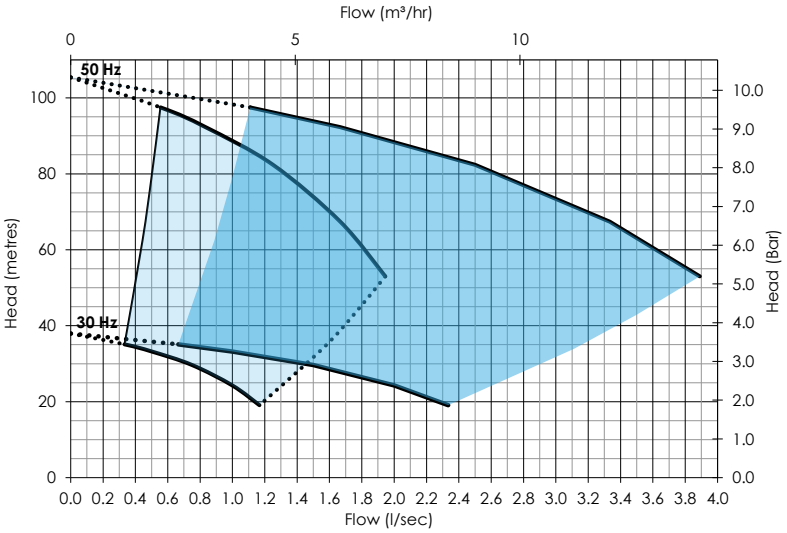
Product Description

The Flowtech FPAH2-0509-022-M-227-AB booster complete with a 227 litre (180 litre actual) plastic cistern providing back flow protection to fluid category 5 This set utlises WRAS approved components and features 2 stainless steel multistage pump mounted on a powder coated steel base plate. The pumps are operated by our advanced variable speed controller and will deliver a nominal flow rate of 7.0m³/h (Per Pump) and nominal head pressure of up to 97.5m



Controls	●	Variable speed pumps control
	●	Volt free contacts
	●	Dry run protection
	●	Duty-standby and duty-assist modes
Features	●	304/316 Stainless steel manifold assembly
	●	Suitable for a Three phase 415 volt supply
	●	Pressure vessel with flow through isolation & drain valves
	●	AV mounts & Flexible connectors optional
	●	2 Year Warranty
	●	Integral low-level float switch
	●	Category 5 Type AB Airgap complete with 1/2" BSP (M) BS1212 ball valve with raised chamber
	●	22mm screened overflow, 15mm warning pipe & AB weir mesh
	●	15mm External drain cock
	●	Minimum pressure alarm
	●	Saftey Start (Slow fill mode)

Pump Performance Curve



Specification

Inlet connection	1/2" BSP
Delivery connection	2 BSP
Max operating flow (per pump)	1.9 l/s
Max operating pressure	9.6 bar
Closed valve pressure	10.3 bar
Maximum system pressure rating	10 bar
Speed	Variable
IP rating	IP55
Motor power	2.2 kW
Weight	TBC
Pressure vessels N° x [Litres]	1 x [24]
Maximum operating temperature	40 °C

Losses in fittings and valves not included.

Performances shown are for S.G. 1.0 water with a liquid temperature during operation of 20 °C

Pumps are tested in accordance with BS EN ISO 9906:2012 Rotodynamic pumps - Hydraulic performance acceptance tests - Grade 3B (ISO 9906:2012)

Electrical Data

Operating speed range	30 - 50Hz
Pump Current @ Full Load	10 A
Total Current @ Full Load	20 A
Supply Voltage	230v
Electrical Phase	1Φ

Model Codes

FPAH2-0509-022-M-227-AB

- Range
- # of Pumps
- BEP Flowrate (m³/h)
- Pump Stages
- Motor size
- Power Supply
- Tank Size (l)
- Water Category

Technical Drawing