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Flowtech Flowpac IN

Combined Pump & Tank System

IN2-12050-1000-M-MAB

The IN2-12050-1000-M-MAB booster set is complete with a 1000 L GRP (800 L actual) tank, providing backflow protection to fluid category 4 or 5. This booster set features 2 stainless steel pumps submerged in the tank. The pump is operated by our advanced variable speed controller.

AB (category 5) and HS (half split) models are available.

Extremely Quiet | 2 YEAR WARRANTY | UK CA CE | WRAS APPROVED PRODUCT

Features

- Heads up to 5 bar and flow rates up to 14 m^3/h
- 1000 litre cold water storage capacity
- Compact, space saving design
- Fully WRAS-approved product
- Very quiet operation
- Air cooled inverters
- Continuously rated operation (S1)
- Easy installation
- 25 mm cold water tank thermal insulation
- BMS volt-free contacts
- External enable on/off
- Hand/off/auto switches
- Integral low water cut-out
- 24 litre pressure vessel included

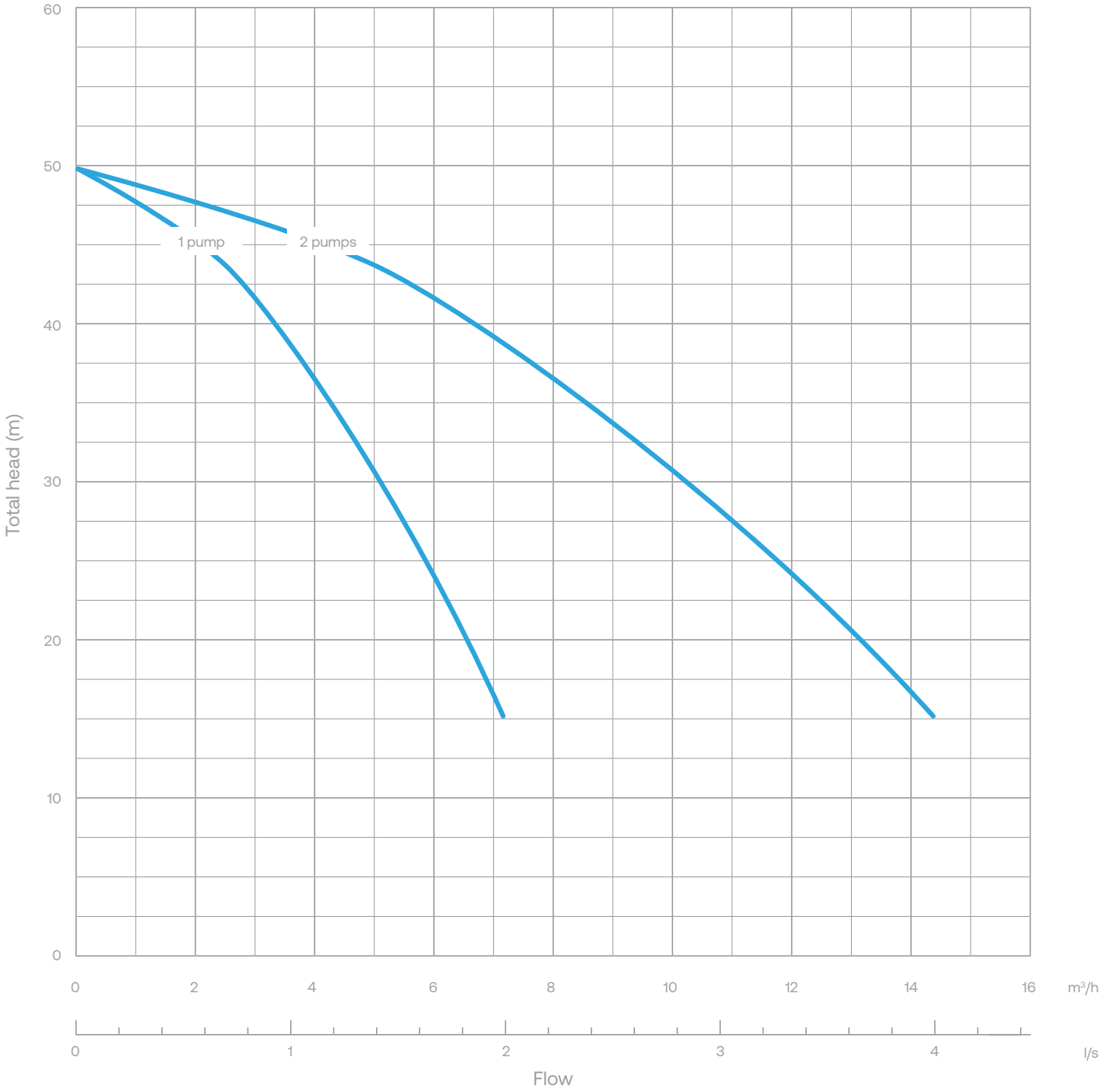
Application

- This product is designed to boost cold water pressure and flow in a range of domestic, commercial, and industrial applications.
- Extremely quiet operation and is the perfect solution for any restriction with a footprint inside a plant room or property.

Product Code Structure:
E.g.: IN2-12050-1000-M-MAB

	IN	2	12050	1000	M	MAB
Product prefix						
Number of pumps						
Pump model						
Tank size						
Single phase						
Controller type						

Performance Characteristics IN2-12050-1000-M-MAB



Performance curve is in accordance with ISO 9906:2012 Grade 3B Tolerances.
Specifications and illustrations are subject to revision without notice.

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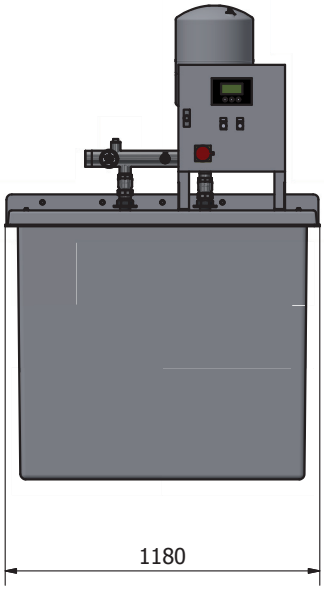
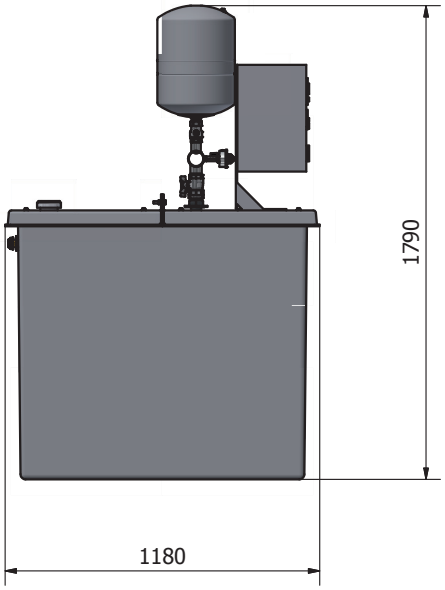
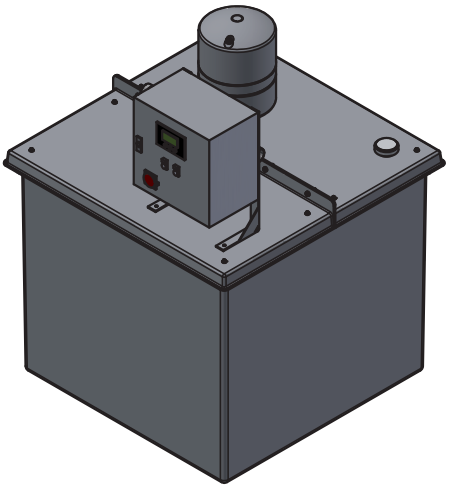
Technical Specification IN2-12050-1000-M-MAB

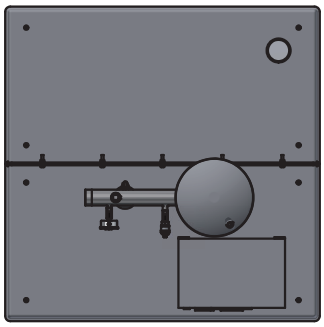
		IN2-12050-1000-M-MAB
General	Warranty	2 years
	Conformity certification	UKCA, CE
Features	Dry run protection	✓
	Glycerine filled pressure gauge	✓
	Pump check valve(s)	✓
	BMS volt-free contacts	✓
Performance	Nominal head	3.8 bar
	Maximum head (closed valve)	5 bar
	Nominal flow rate	9.6 m^3/h
	Maximum flow rate	14 m^3/h
	Maximum static inlet pressure	10 metres
	Maxiumum system temperature	23 °C
Connections	Inlet	1" BSP
	Outlet	2" BSP
	Overlow outlet	2" BSP
	Drain outlet	1" BSP
Manifold	Pump isolation valves	Full bore, lever
Pump	Number of pumps	2
	Pump type	Borehole pump (submersible)
	Pump body	Stainless steel
	Impeller	Stainless steel
	Duty rating	Continuous (S1)
Water tank	Nominal water tank size (litres)	1000 litres
	Usable water capacity (litres)	800 litres
	Float valve type	Equilibrium
	Water tank fill rate	Up to 60 l/min
	Water tank air gap	Type AF/AG
	Fluid category	CAT 4/CAT 5
	Water tank construction	Reinforced, pre-insulated GRP
	Water tank base	Encapsulated marine ply
Electrical	Power supply / phase / frequency	230 V / 1 / 50 Hz
	Power consumption	0.9 kW (per pump)
	Current - full load	6.4 Amps (per pump)
Physical	Enclosure protection	IP44
	Width	1180 mm
	Depth	1180 mm
	Height	1790 mm
	Weight	132 kg
	Weight (filled)	932 kg

Dimensions IN2-12050-1000-M-MAB









Flowtech Ltd reserves the right to amend specifications without notice.

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