

Flowtech Flowpac IN

Combined Pump & Tank System

IN1-12050-1000-M-MAB

The IN1-12050-1000-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 1 stainless steel pump submerged in the tank. The pump is operated by our advanced variable speed controller.

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



Features

- Heads up to 5 bar and flow rates up to 7 m³/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
- 8 litre pressure vessel included

Application

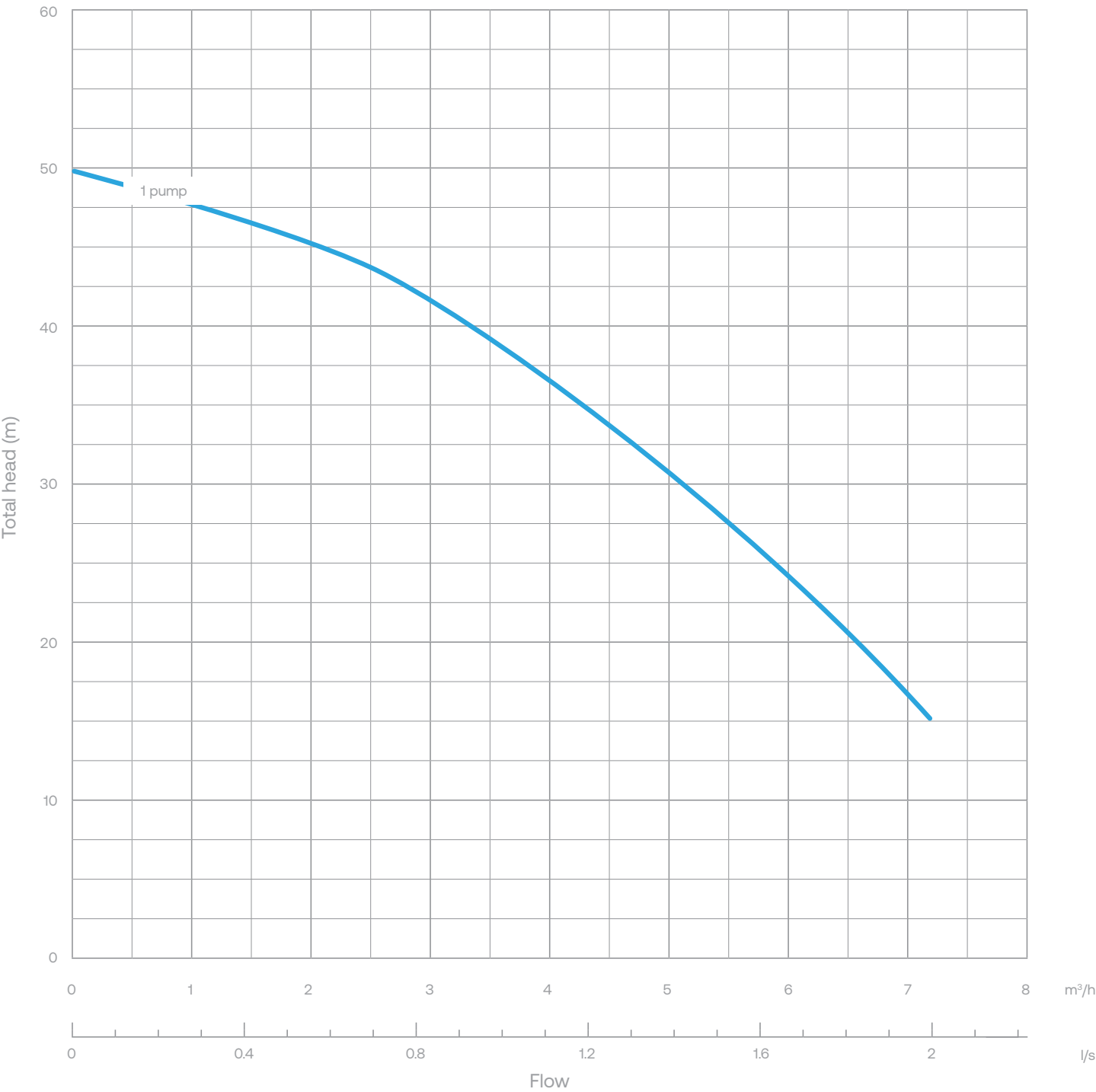
- This product is designed to boost cold water pressure and flow in a range of domestic, commercial, and industrial applications.
- Extremely quiet operation and is the perfect solution for any restriction with a footprint inside a plant room or property.

Product Code Structure:

E.g.: IN1-12050-1000-M-MAB

	IN	1	12050	1000	M	MAB
Product prefix	_____	_____	_____	_____	_____	_____
Number of pumps	_____	_____	_____	_____	_____	_____
Pump model	_____	_____	_____	_____	_____	_____
Tank size	_____	_____	_____	_____	_____	_____
Single phase	_____	_____	_____	_____	_____	_____
Controller type	_____	_____	_____	_____	_____	_____

Performance Characteristics IN1-12050-1000-M-MAB



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

Technical Specification IN1-12050-1000-M-MAB

		IN1-12050-1000-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	4.8 m³/h
	Maximum flow rate	7 m³/h
	Maximum static inlet pressure	10 metres
	Maximum system temperature	23 °C
Connections	Inlet	1" BSP
	Outlet	1 ¼" BSP
	Overflow outlet	2" BSP
	Drain outlet	1" BSP
Manifold	Pump isolation valves	Full bore, lever
Pump	Number of pumps	1
	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	1650 mm
	Weight	104 kg
	Weight (filled)	904 kg

Dimensions IN1-12050-1000-M-MAB

