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# FLOWBOOST BASE COLD WATER BOOSTER SET



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24/09/24

# Flowboost Base

**Base range of variable speed boosters.**

## **PRODUCT OVERVIEW**

- Regulation 4/WRAS-approved stainless steel horizontal multi-stage pumps
- Stainless steel suction and discharge manifolds and fittings
- Soft start of the pump motor resulting in energy-saving
- Intelligent overload cut out to increase the longevity of inverters



# Key Features



# Specification

The Flowboost Base range is an uncomplicated variable speed booster set manufactured with Regulation 4/WRAS-approved horizontal multi-stage pumps and water-cooled, discharge-mounted, variable speed inverter drives with a vast array of features from the digital display, and available in single, twin and three pump configuration.

These units are suitable for domestic and commercial use and are fully wired and tested prior to despatch.

## PRODUCT OVERVIEW

- Regulation 4/WRAS-approved stainless steel horizontal multi-stage pumps
- Regulation 4/WRAS-approved isolating valves and non-return valves
- Regulation 4/WRAS-approved flow through valve and anti-cycle vessel arrangement
- Stainless steel suction and food-grade discharge manifolds and fittings
- Suitable for a single phase 230 V supply only
- Water-cooled inline inverter
- Robust steel powder-coated base, compact size
- Soft start of the pump motor resulting in energy-saving
- Power supply under and over voltage display
- Digital operation/error status signalling via LEDs and on-screen alerts display
- Efficient leakage monitoring to protect pumps in the event of repeated starts
- Fitted module for low water level facility (NO - on fault only)
- Intelligent overload cut out to increase the longevity of inverters
- Low water level protection

## RANGE PERFORMANCE

Number of pumps	2-3
Flow range	0.5 – 11 l/s
Pressure range	2.5 – 8 bar
Max system pressure	16 bar
Controller type	Water cooled
Max system temperature	40°C
Noise data	Motor at 3600 rpm <70LpA

\*Higher temperature options available; please contact the sales team. \*\*More specific details available on request.

## MATERIAL SPECIFICATION

Manifolds	AISI 316 stainless steel
Isolation valves	AISI 304 stainless steel
Non-return valves	AISI 304 stainless steel
Pressure transducers	AISI 304 Stainless Steel
Pump casing	AISI 304 stainless steel
Pump impellers	AISI 304 stainless steel
Mechanical seals	Silicon carbide, graphite, EPDM
Pressure vessels	WRAS approved
Base plate	Powder-coated mild steel

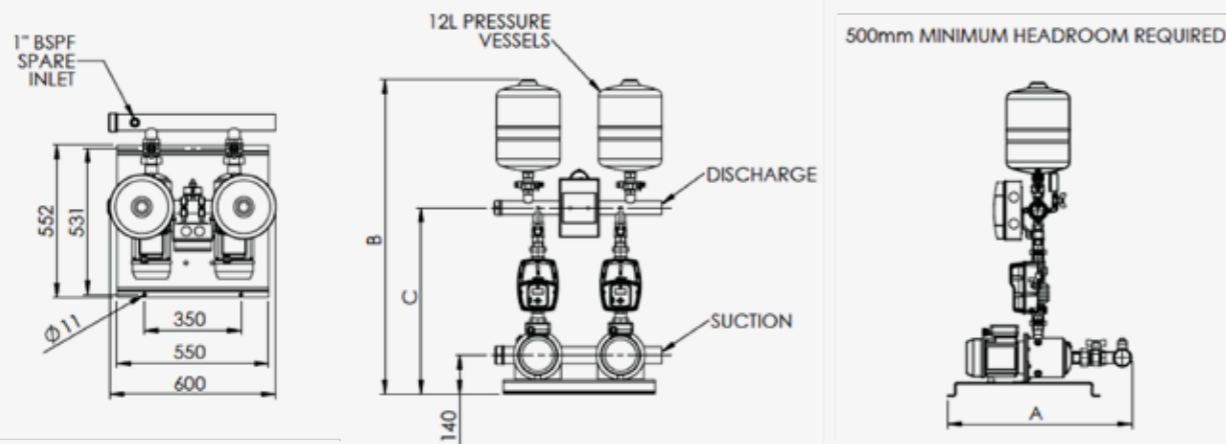


# Flowboost Base 2V.S.K.H Series

## DRAWINGS AND DIMENSIONS

Model no.	Motor power per pump (kW)	Full load current per pump (A)	Suction DN1	Discharge DN2	Dimensions (mm)		
					A (depth)	B* (height)	C (discharge centre)
BASE-2V.S.K.H.1.3005	0.75	2.7	2" BSP	1 ½" BSP	670	1140	700
BASE-2V.S.K.H.1.3007	1.1	3.8	2" BSP	1 ½" BSP	720	1140	700
BASE-2V.S.K.H.1.5004	1.1	3.8	2" BSP	1 ½" BSP	645	1140	700
BASE-2V.S.K.H.1.5005	1.1	3.8	2" BSP	1 ½" BSP	670	1140	700
BASE-2V.S.K.H.1.5006	1.5	5.5	2" BSP	1 ½" BSP	695	1140	700
BASE-2V.S.K.H.1.5007	1.5	5.5	2" BSP	1 ½" BSP	720	1140	700
BASE-2V.S.K.H.1.9004	1.5	5.5	2 ½" BSP	2" BSP	690	1190	750
BASE-2V.S.K.H.1.9005	2.2	7.4	2 ½" BSP	2" BSP	705	1190	750
BASE-2V.S.K.H.1.9006	2.2	7.4	2 ½" BSP	2" BSP	780	1190	750

\*AV mounts add 30 mm to the height of the booster set.

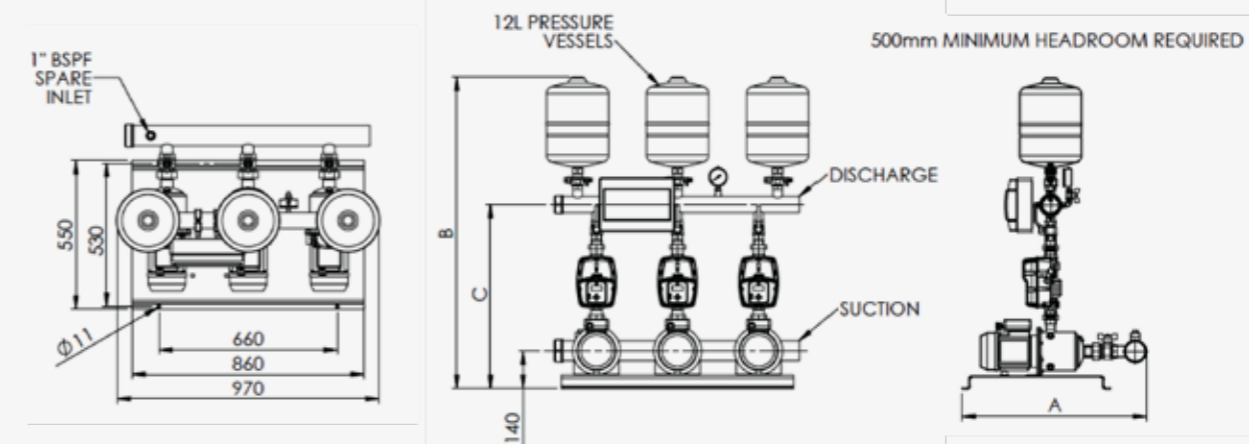


# Flowboost Base 3V.S.K.H Series

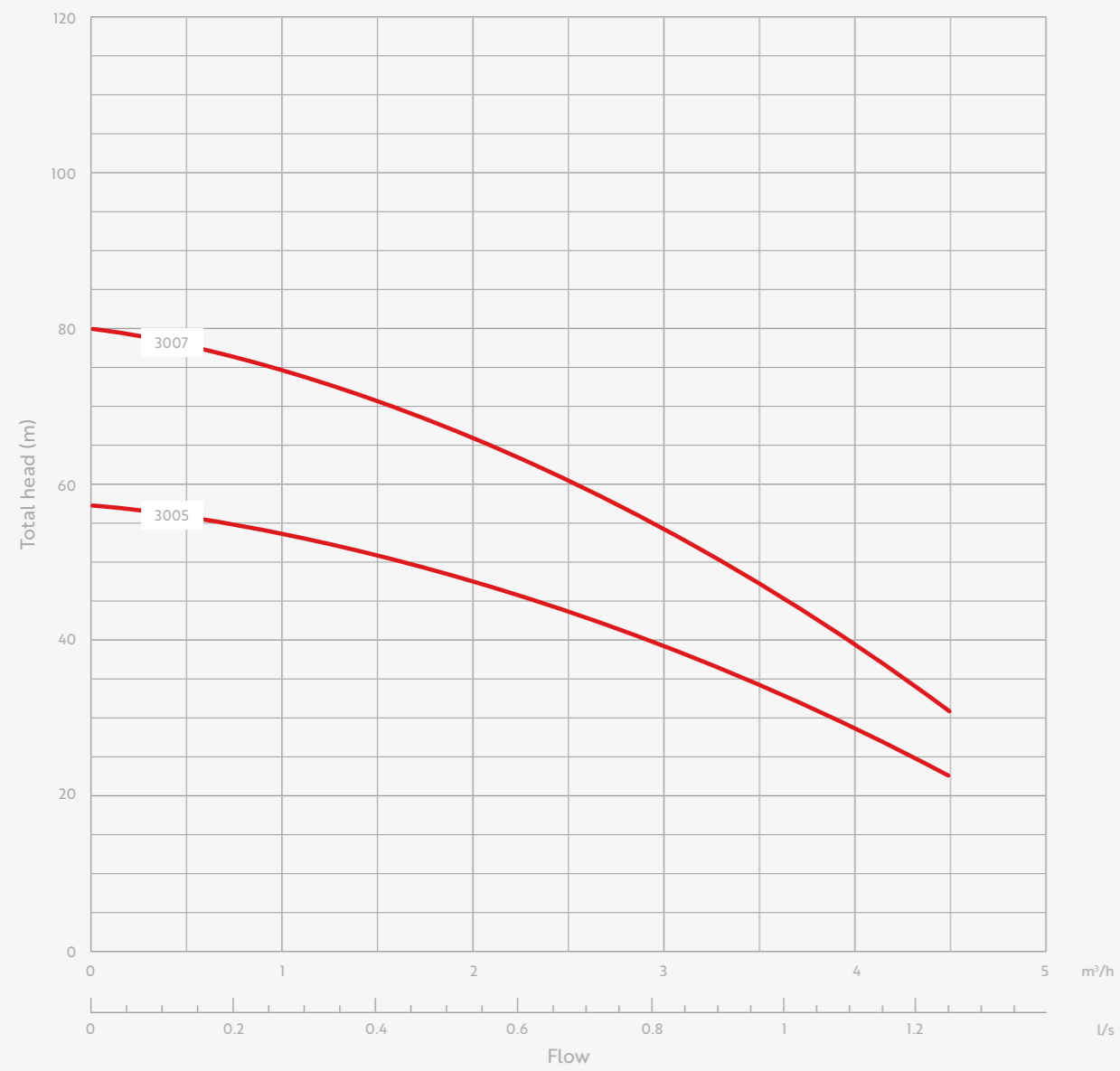
## DRAWINGS AND DIMENSIONS

Model no.	Motor power per pump (kW)	Full load current per pump (A)	Suction DN1	Discharge DN2	Dimensions (mm)		
					A (depth)	B* (height)	C (discharge centre)
BASE-3V.S.K.H.1.3005	0.75	2.7	2 ½" BSP	2" BSP	685	1155	710
BASE-3V.S.K.H.1.3007	1.1	3.8	2 ½" BSP	2" BSP	735	1155	710
BASE-3V.S.K.H.1.5004	1.1	3.8	2 ½" BSP	2" BSP	660	1155	710
BASE-3V.S.K.H.1.5005	1.1	3.8	2 ½" BSP	2" BSP	685	1155	710
BASE-3V.S.K.H.1.5006	1.5	5.5	2 ½" BSP	2" BSP	710	1155	710
BASE-3V.S.K.H.1.5007	1.5	5.5	2 ½" BSP	2" BSP	735	1155	710
BASE-3V.S.K.H.1.9004	1.5	5.5	3" BSP	2 ½" BSP	705	1205	760
BASE-3V.S.K.H.1.9005	2.2	7.4	3" BSP	2 ½" BSP	750	1205	760
BASE-3V.S.K.H.1.9006	2.2	7.4	3" BSP	2 ½" BSP	780	1205	760

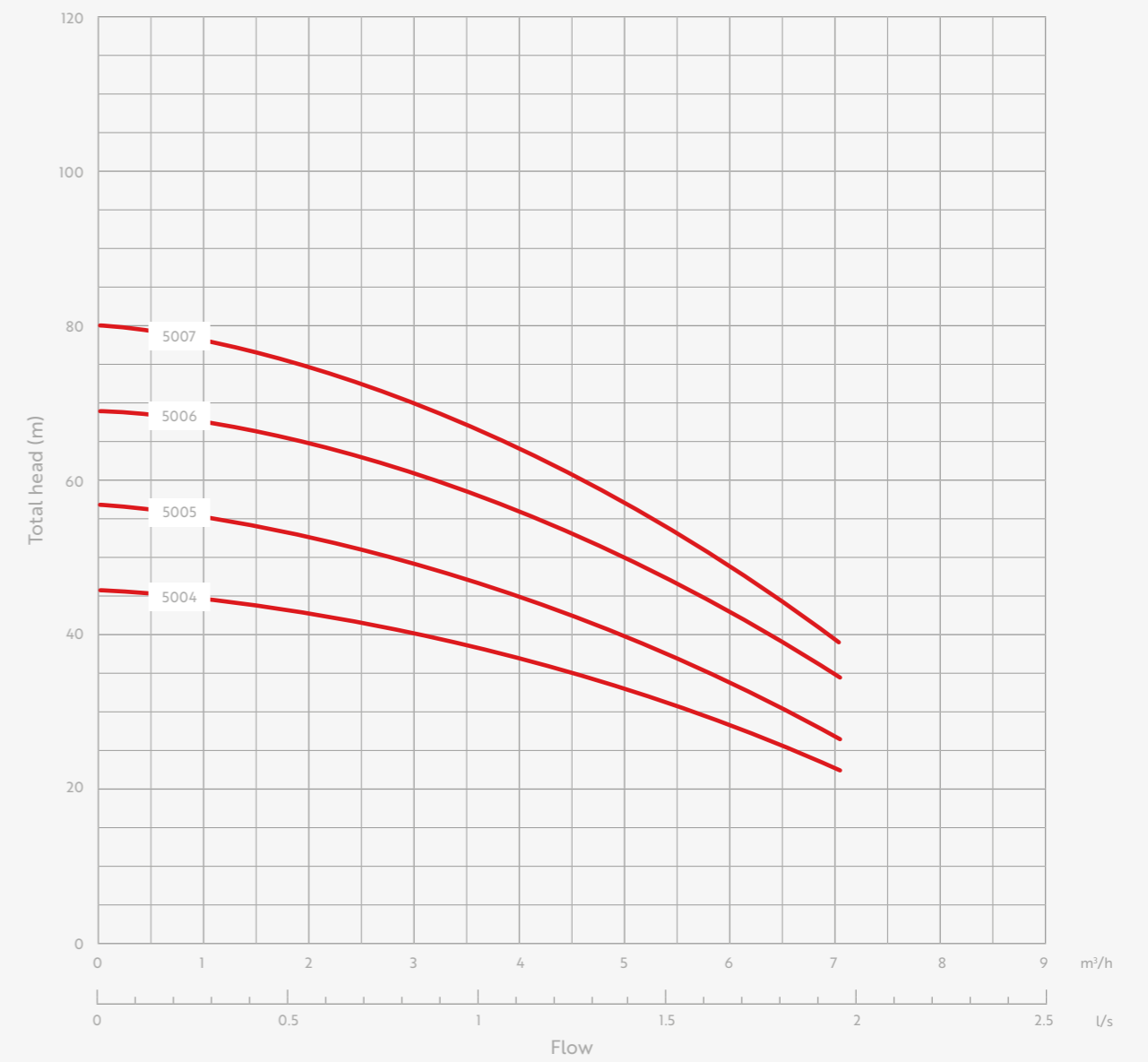
\*AV mounts add 30 mm to the height of the booster set.



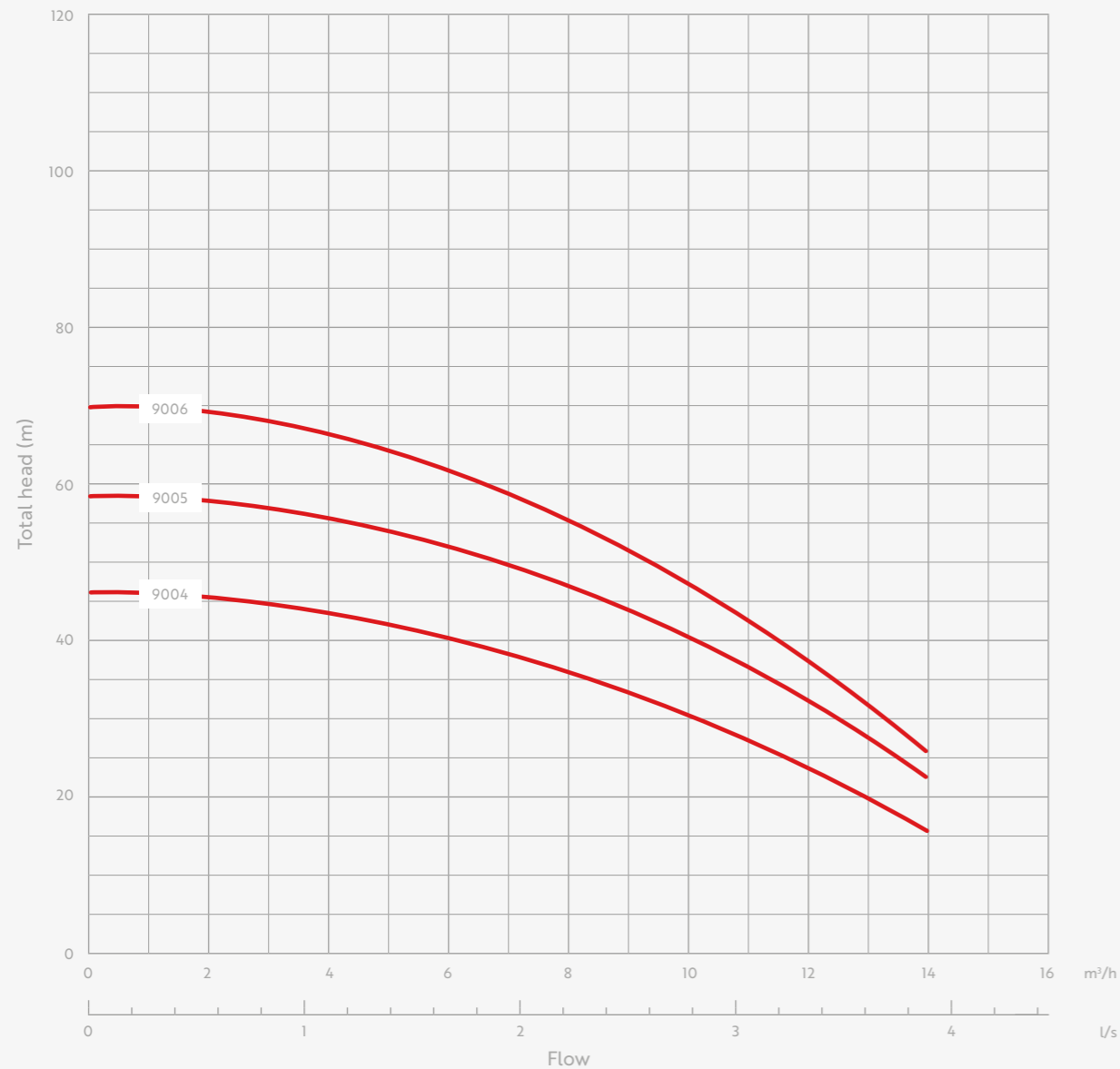
# Flowboostx-3000



# Flowboostx-5000



# Flowboostx-9000



Meet your precise project requirements with a bespoke solution

From the initial idea to the final product, we offer tailor made booster sets designed and built exclusively for your unique project needs.



To discuss our bespoke booster sets, call us now on **01452 300110** or email [enquiries@dutypoint.com](mailto:enquiries@dutypoint.com)



**Let's talk about the  
Flowboost Base cold  
water booster set**

**01452 300110**

**ENQUIRIES@DUTYPOINT.COM**

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