VS RANGE

PRODUCT DATA SHEET

VS2-3080-011T

Product Description

The Dutypoint VS is a next generation ultra-compact commercial and industrial booster set, designed in answer to the ever increasing pressure on plant room space in new developments and to be simple to maintain over its lifespan.

The VS booster features high specification AISI 304 stainless steel inline vertical multistage pumps, with encapsulated water-cooled motors to ensure quiet-running operation.

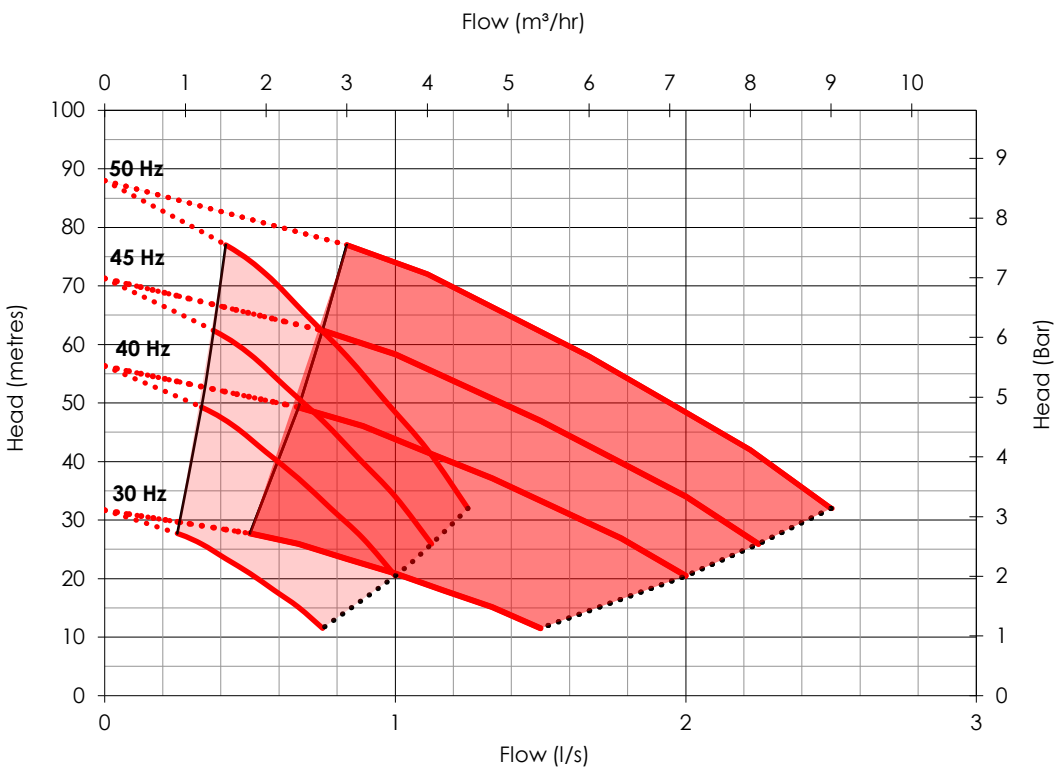
The system is designed to be straightforward to maintain, allowing for maintenance or replacement of key components while the booster set is operating.

WRAS	• WRAS Approved, All products in the new VS Cold Water Pressure Booster range are fully WRAS approved. (WRAS Approval Number 2011357 & Kiwa Approval 2011741)
Control Panel	• Variable speed pumps • Hand / Off / Auto Settings for emergency situations. • Volt free contacts for : - Common fault - Low water level - High water level
Protection	• Anti-Seize technology which rotates all pumps during low or zero usage and prevents the pumps from seizing up. • Burst pipe protection which constantly monitors the system for signs of major leakage. If detected, an alarm is activated followed by full system deactivation if the required duty is still not met. • Cyclic duty changeover which ensures even wear across all pumps in the system. • Low Water Protection technology which deactivates the pumps if there is no water in the break tank, protecting against dry running. • HiRISE technology which protects the building's pipework by ensuring the pumps start slowly during the initial fill process or following power failure to prevent potentially dangerous surges and consequent damage to the riser.

Specification

Suction connection	DN80
Delivery connection	DN80
Max operating flow (per pump)	1.3 l/s
Max operating pressure	7.6 bar
Closed Valve pressure	8.6 bar
Maximum system pressure Rating	15 bar
Speed	Variable
IP Rating	IP55
Motor Power	1.1 kW
Weight	TBC
Pressure Vessels N° x [Litres]	1 x [12]
Maximum operating temperature	40 °C

Set Performance



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Document # DOC-11615 Revision : 1

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Electrical Data

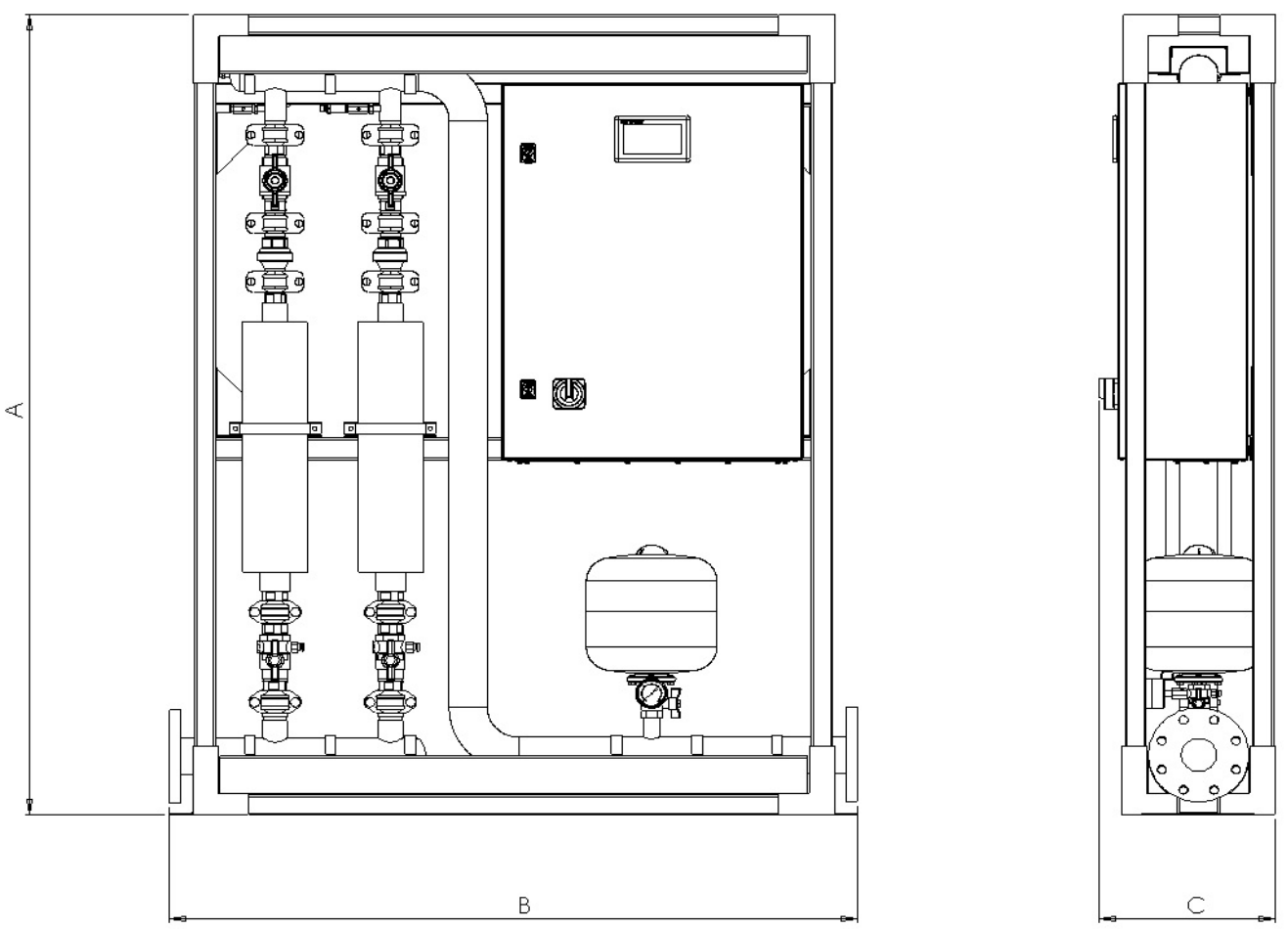
Voltage/Phase/Frequency	400/3/50
Operating speed range	30 - 50Hz
Per pump Current @ Full Load	2.7 A
Total Current @ Full Load	5.4 A

VS model Codes

VS2-3080-011T

- Number of pumps
- Nominal flow (m³/h)
- Number of stages per pump
- Motor kW per pump
- Power supply

Technical Drawing



Drawing dimensions

Dimension A	1750
Dimension B	1270
Dimension C	355

UK Registered Design N° 6112628

WRAS APPROVED PRODUCT CERTIFICATION MARK

kiwa approved UK WATER REGULATION 4

UK CA

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