
ABOVE GROUND COMBINATION PUMP STATIONS

INCORPORATING WATER PRESSURE BOOSTER SET AND BREAK TANK WITH 'AB' AIR GAP



A-POD – PACKAGED PLANT ROOMS



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Principle of operation

The unit is designed as a single piece item with an internal dividing wall at full height. One internal section being the wet compartment for the stored water which is accessed via a lid mounted lockable manway. Beyond the internal dividing wall is the dry side where the booster set is to be positioned.

The internal dividing wall has the inlet and outlet connection within it, the overflow, warning pipe and screened spill over weir terminate through the wet side wall to outside and do not therefore normally require any additional pipework. The dry side is accessed by a large 1600 x 1600mm hinged and lockable door, which is fitted with louvered vents to ensure adequate ventilation.

The whole unit is mounted and fixed to a fully welded galvanised steel foundation skid which allows offloading and movement on site by fork lift truck. The principle is to provide the unit factory assembled with the booster set, associated pipework interconnections and electrical equipment as a fully packaged product.

The completed unit is then delivered to site where once positioned it requires the simple connection of the mains pipework, outlet pipework to the services, and electrical supply, making it a “plug and play” unit requiring minimal onsite installation.

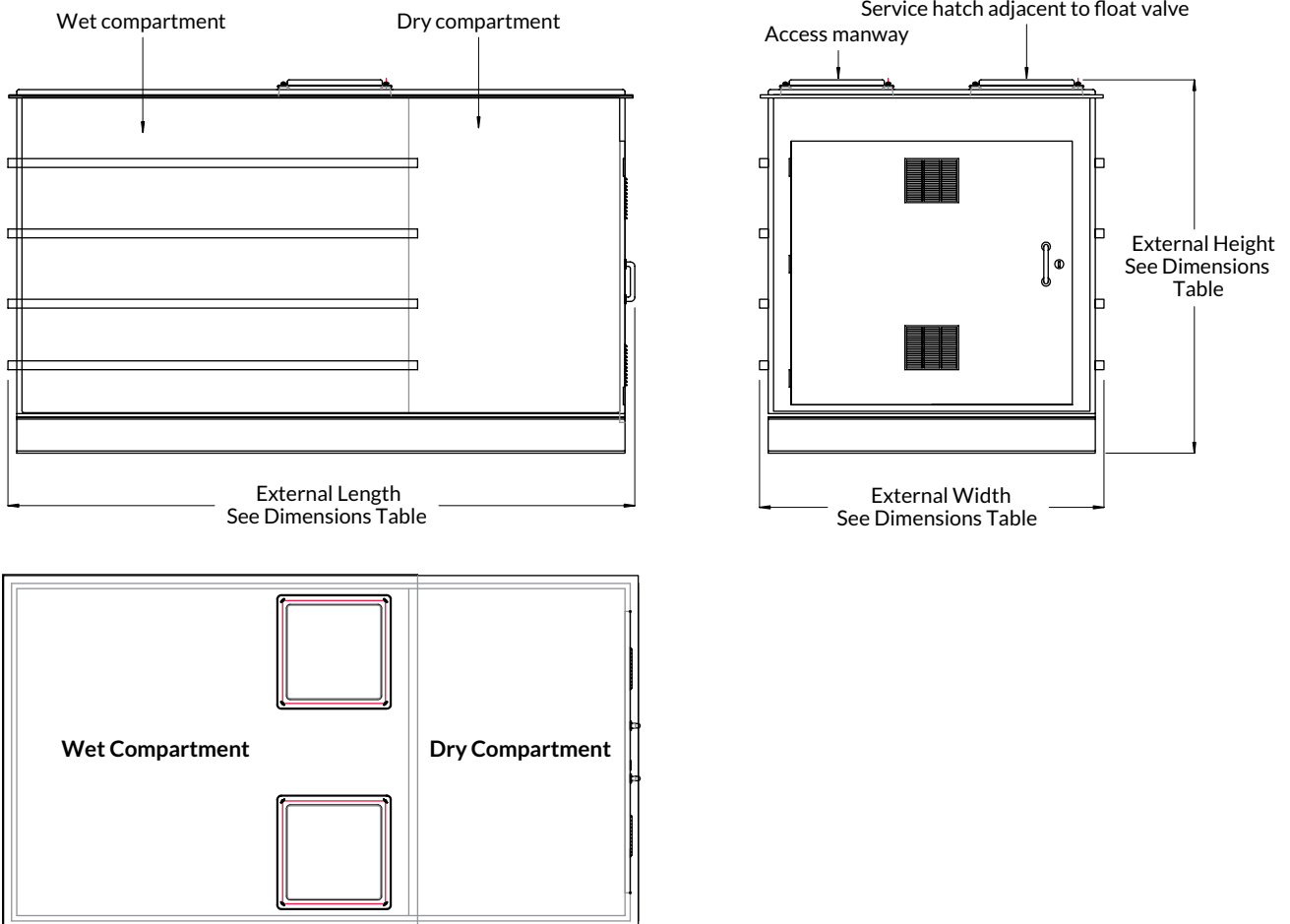
All units are suitable for AMV2 and AMV3 pump sets to a maximum manifold size of 50mm. Available with actual storage capacity options of 1000, 2000, 3000, 4000, 5000, 6000 and 7000 litres, with booster set flow rates to 7.5 l/s (further options available on request).



A-POD DATA TABLE

Product Code	Stockcode	Overall Dimensions	Wet Compartment	Pump Compartment	Nominal Capacity	Actual Capacity	Weight kg (+booster)
A-POD 1620	HTG-101620	2200x2000x2250mm high	500x1800x1800mm	1500x1800x1800mm	1620 litres	1000 litres	921kg
A-POD 3240	HTG-103240	2700x2000x2250mm high	1000x1800x1800mm	1500x1800x1800mm	3240 litres	2100 litres	1027kg
A-POD 4200	HTG-104200	2700x2000x2250mm high	1300x1800x1800mm	1200x1800x1800mm	4200 litres	3000 litres	1043kg
A-POD 5500	HTG-105500	3600x2000x2250mm high	1700x1800x1800mm	1700x1800x1800mm	5500 litres	4000 litres	1291kg
A-POD 7100	HTG-107100	3600x2000x2250mm high	2200x1800x1800mm	1200x1800x1800mm	7100 litres	5000 litres	1301kg
A-POD 10044	HTG-110044	4500x2000x2250mm high	3100x1800x1800mm	1200x1800x1800mm	10044 litres	7000 litres	1580kg

A-POD DIMENSIONS



BOOSTER SET OPTIONS AVAILABLE

AQUAMATIC AMV-FB BASIC SERIES VARIABLE SPEED

NEW

EXTENDED RANGE



Applications

All variable speed driven pumps are energy efficient for potable water distribution or pressure boosting in residential, commercial and industrial premises.

Duty range

Pumps 2 to 4
Flows to 28 l/s
Heads to 14.0 bar

Features

Supplied with standard controls
304 stainless steel pipework
Flow through vessel

Data Sheet 128



AQUAMATIC AMV-FE ENHANCED SERIES VARIABLE SPEED



Applications

All variable speed driven pumps are energy efficient for potable water distribution or pressure boosting in residential, commercial and industrial premises.

Duty range

Pumps 2 to 6
Flows to 48 l/s
Heads to 14.0 bar

Features

Supplied with 2020 Plus Controller as standard
304 stainless steel pipework
Flow through vessel

The enhanced AMV-FE offers variable speed motors that continuously alter their speed to match fluctuating system flow rates.

Combined boosting and sprinkler options available in line with BS9251:2014.

Data Sheet 123



**Larger flow options are available upon request.
Please discuss your requirements with the office.**



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The information in this specification is correct at time of issue; as Aquatech Pressmain design and development programmes are continuous, we reserve the right to make any changes to this specification without prior notice.