

## Tanks Direct – Lowara Range

### Twin Pump Booster Set – E-Series

The E-Series is a constant pressure variable speed inverter for single & multiple pump sets, constructed from a techno polymer body suitable for drinking water applications.

The E-Series is characterised by the low pressure losses across the unit, which allows flow rates up to 200 litres per minute from each pump.

Delivering flow rates up to 12.0 m<sup>3</sup>/hour per pump and capable of producing head pressures of up to 7.2 bar, these booster sets can be configured for duty-assist or duty-standby modes.



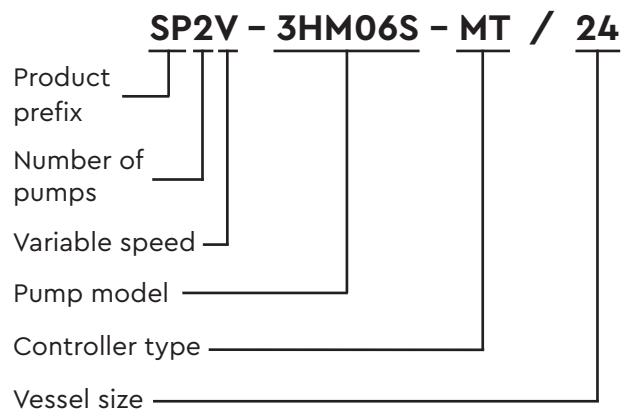
#### Set Features

- Flow rates up to 12.0 m<sup>3</sup>/h per pump
- Head pressure up to 7.2 bar
- Duty-assist and duty-standby modes
- Automatic cascade mode
- Dry run protection
- 304 Stainless steel WRAS approved pumps
- 304/316 stainless steel manifold assembly
- Nickel plated WRAS approved ball valves
- Union fittings on suction and discharge
- WRAS approved 24 litre pressure vessel
- Glycerine filled pressure gauge
- Powder coated base plate
- BMS Volt Free Contacts

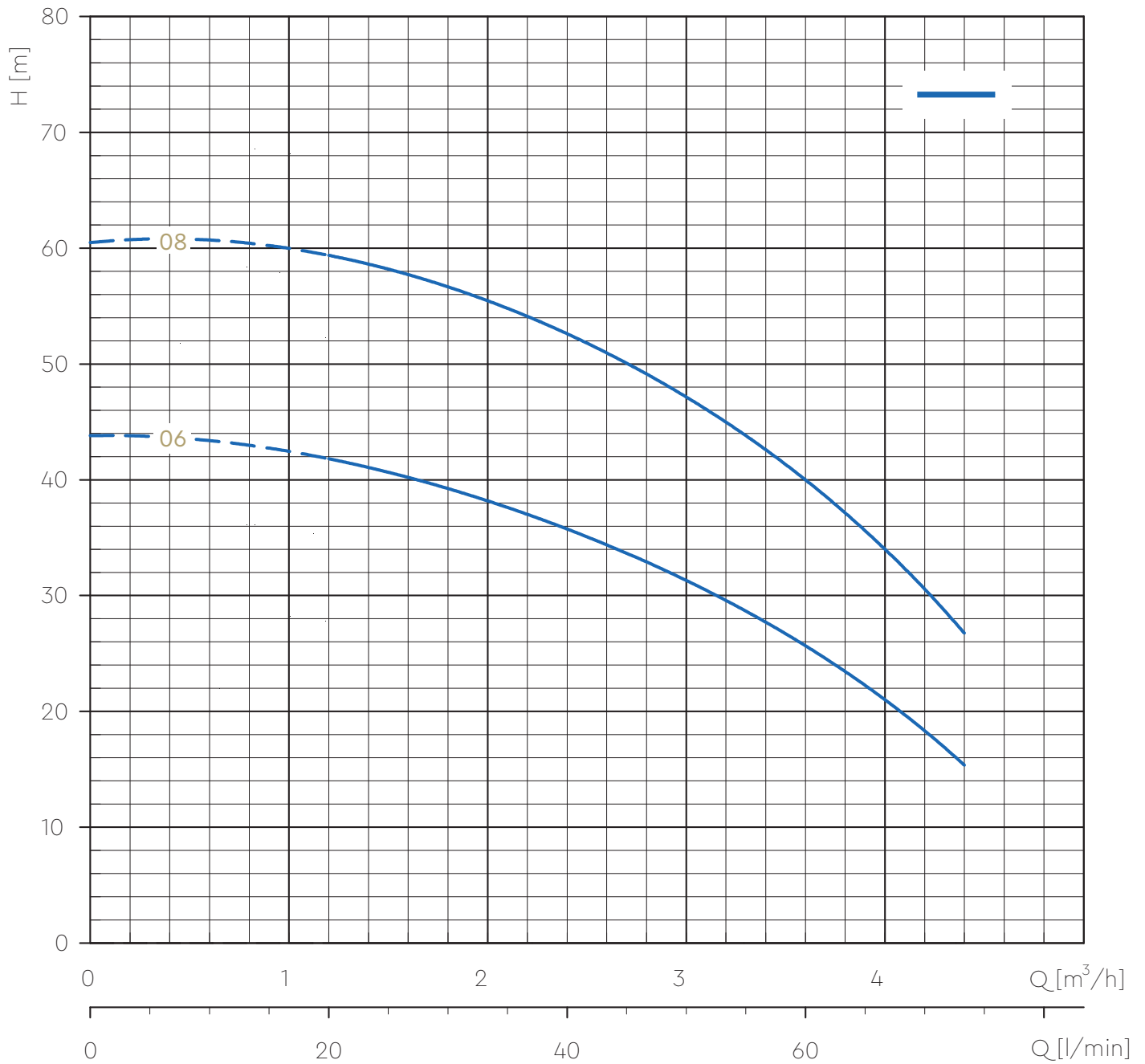
#### Application

- Cold water pressure and flow boosting in a range of domestic, commercial and industrial applications

#### Product Code Structure Example

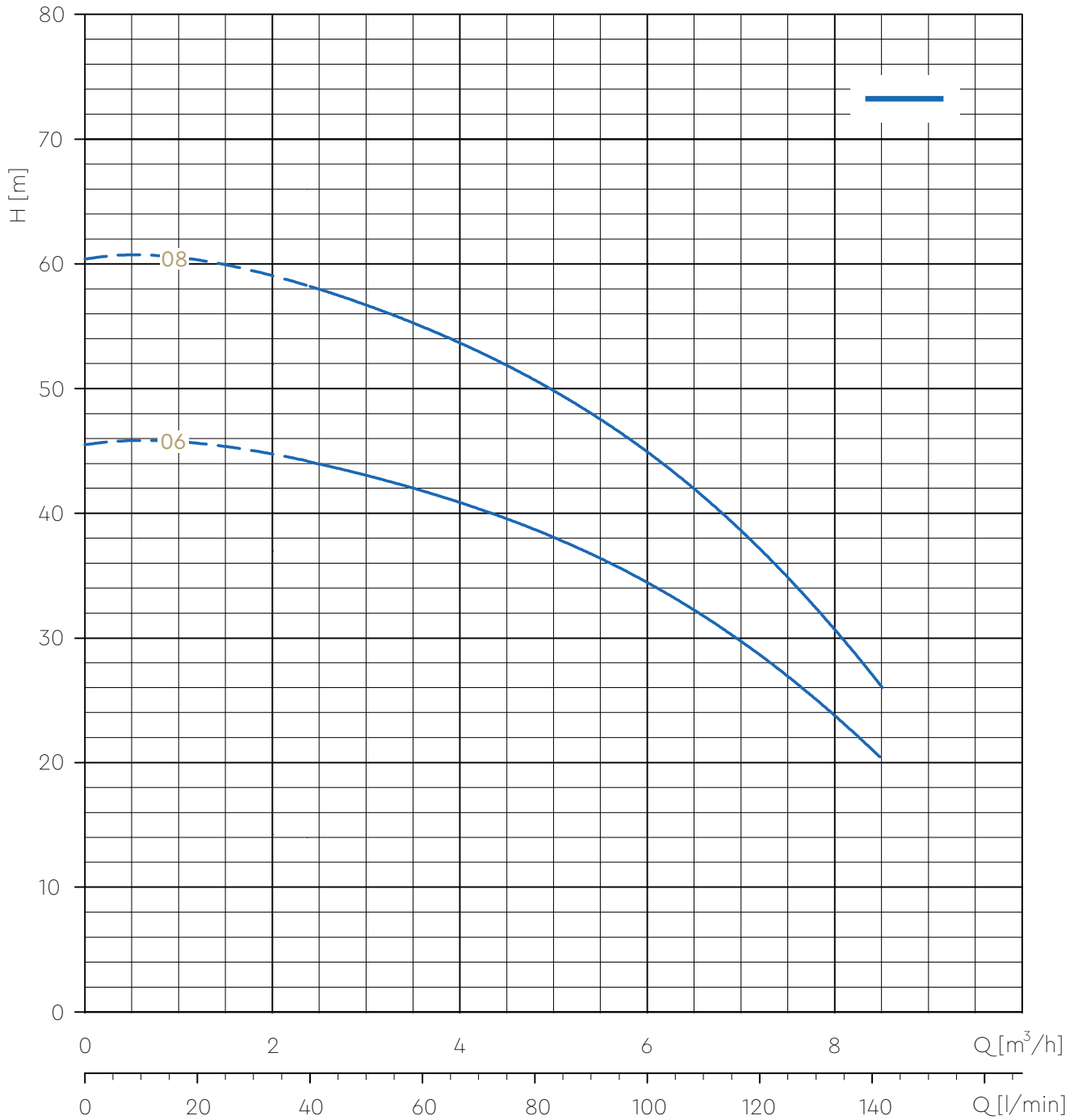


## Performance Characteristics Twin Pump - 3HM E-Series



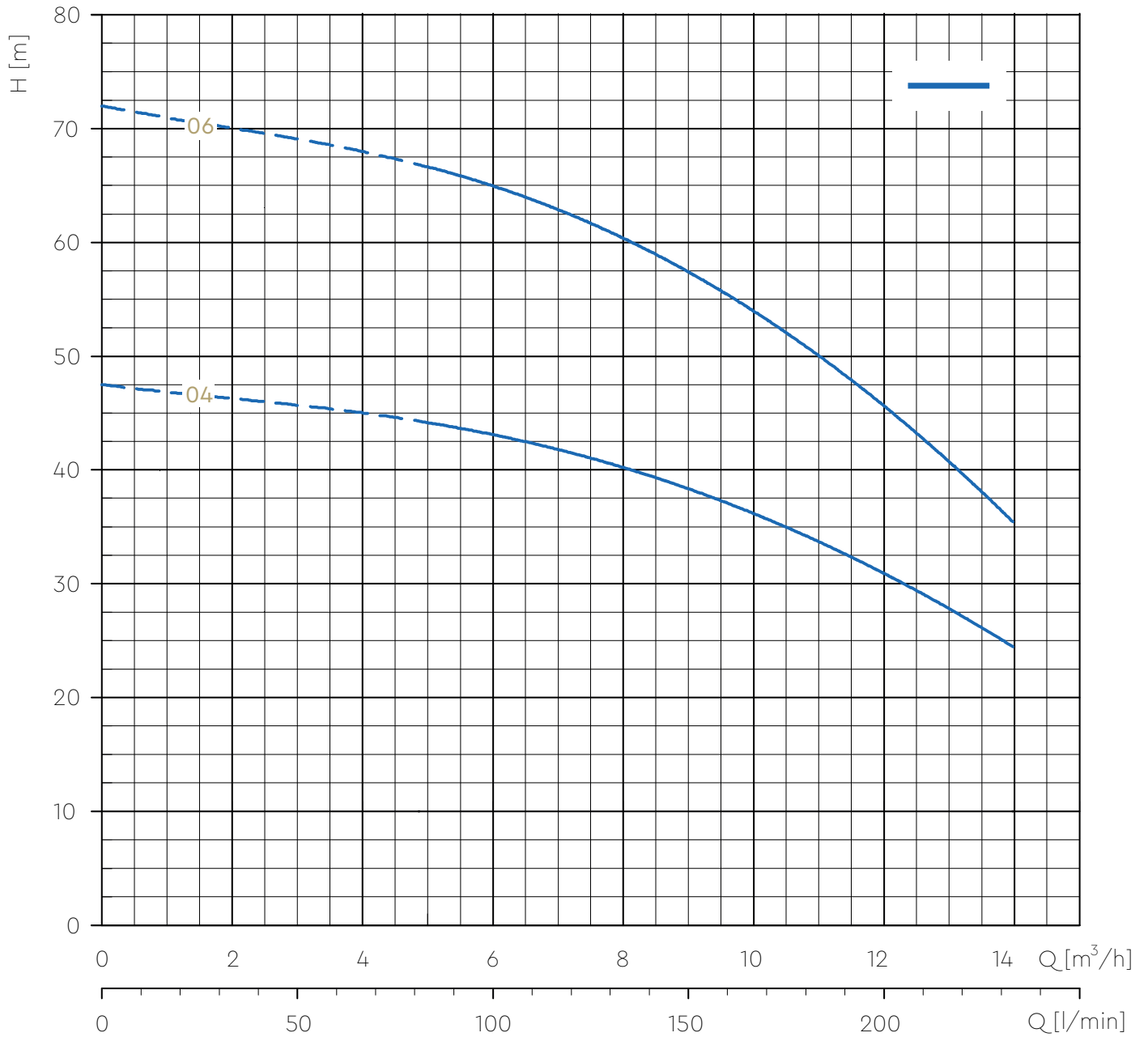
Please note the above performance curve is the duty of 1 pump

## Performance Characteristics Twin Pump – 5HM E-Series



**Please note the above performance curve is the duty of 1 pump**

## Performance Characteristics Twin Pump – 10HM E-Series

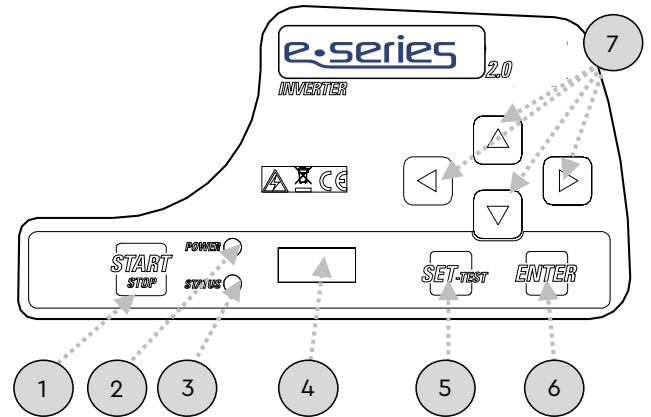


**Please note the above performance curve is the duty of 1 pump**

## Technical Specification Twin Pump

### Features

- Easily accessible serviceable components for maintenance purposes.
- Simple set up parameters
- Flow sensor complete with check valve
- Enhanced heat dissipation
- Multi pump applications
- Protection & alarms for dry running, over temperature and over current
- Input signal for float switch or remote enable on / off functionality
- Volt free contact to give N/C or N/O signal to BMS
- LED screen showing set points and running status
- Maximum pumping temperature 50°C



- 1- START/STOP button
- 2- Red LED (power)
- 3- Green LED (status)
- 4- Display
- 5- SET button
- 6- Confirm button
- 7- Scrolling UP / DOWN /RIGHT / LEFT

The fully WRAS approved Lowara HM pump is a non-self priming horizontal multistage, high pressure centrifugal pump. These are manufactured in 304 stainless steel varying from 0.3 to 2.2kw.

WRAS approval applies to pump only.

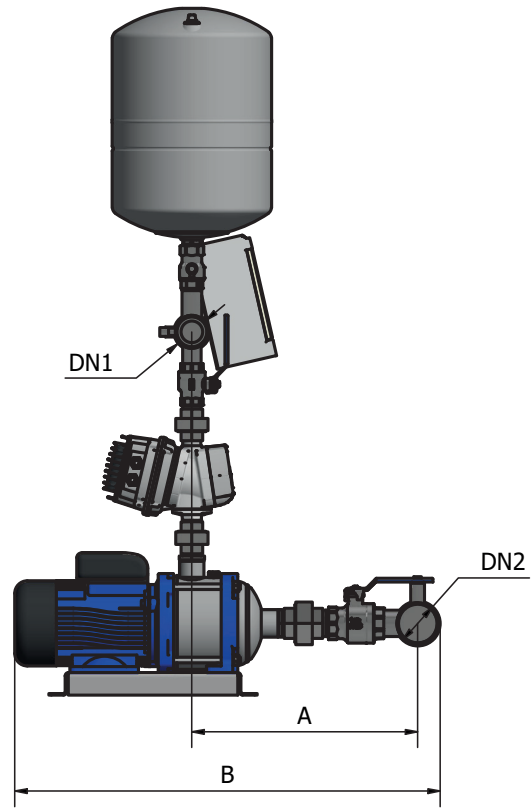
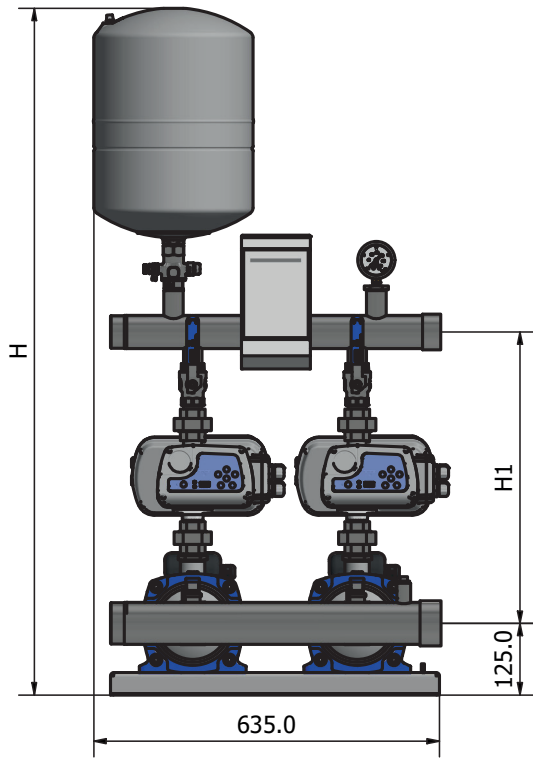
See below table for extra info.

Pump Data	
Pump type	Centrifugal multistage
Pump body	Stainless steel
Impeller	Stainless steel
Mechanical seal	EPDM / Carbon / Ceramic
Motor type	Induction (current overload sensor)
Duty rating	Continuous (S1)

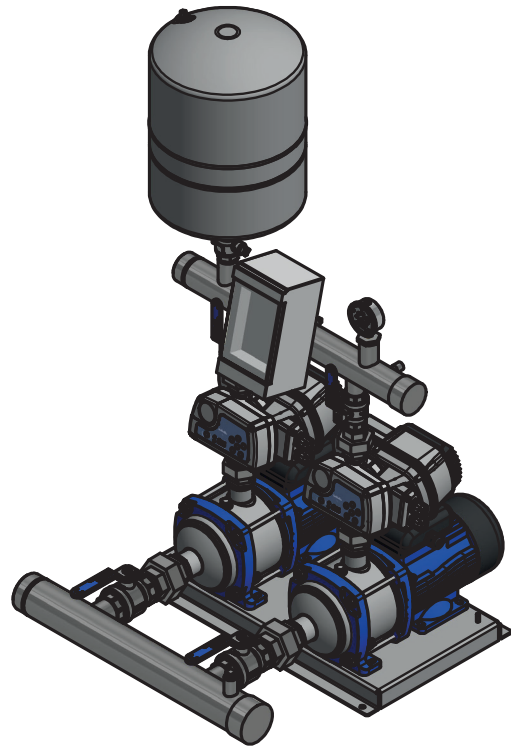


**For more detailed information on the pumps or controller please contact us.**

## Dimensions Twin Pump – E-Series



Dimension Table						
Pump Type	A	B	DN1	DN2	H	H1
3HM06S	347.0	626.0	1.5"	2"	1150.0	435.0
3HM08S	371.0	718.0	1.5"	2"	1150.0	435.0
5HM06S	367.0	714.0	1.5"	2"	1150.0	435.0
5HM08S	417.0	764.0	1.5"	2"	1150.0	435.0
10HM04S	390.0	748.0	2"	2.5"	1170.0	455.0
10HM06S	454.0	868.0	2"	2.5"	1170.0	455.0



**If you have any space issues, please contact us with regards configuration**

**Electrical terminal and wiring diagrams available on request**

Fluid Water Limited reserves the right to amend specifications without notice.

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