

## AQUABOOST

### iMatic 400 Single Pump Booster Set

The Aquaboost iMatic range of booster sets features one or two submersible multistage pumps controlled by a dedicated variable speed frequency inverter.

The single pump 400 litre tank is fitted with a 0304 stainless steel pump, capable of delivering flow rates up to 6.0 m<sup>3</sup>/hour and capable of producing head pressures of up to 6.4 bar.



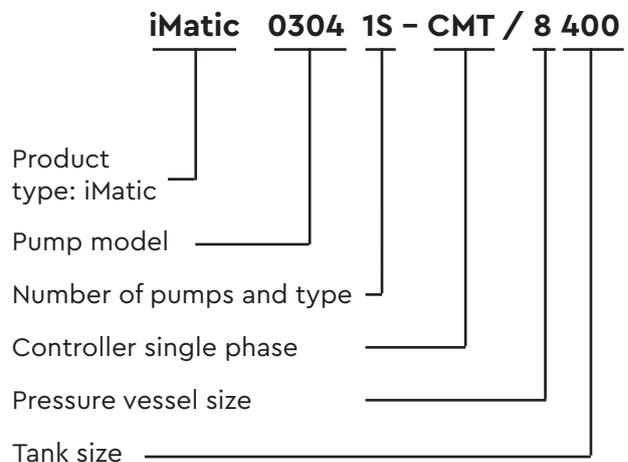
#### Features

- Flow rates up to 6.0 m<sup>3</sup>/h
- Head pressure up to 6.4 bar
- Single 304 stainless steel pump
- 400 litre plastic molded tank, constructed from WRAS approved material
- Dry run protection
- Stainless steel / brass discharge fittings
- Nickel plated WRAS approved ball valves
- Union fittings on controller
- WRAS approved 8 litre pressure vessel
- BMS volt free contacts

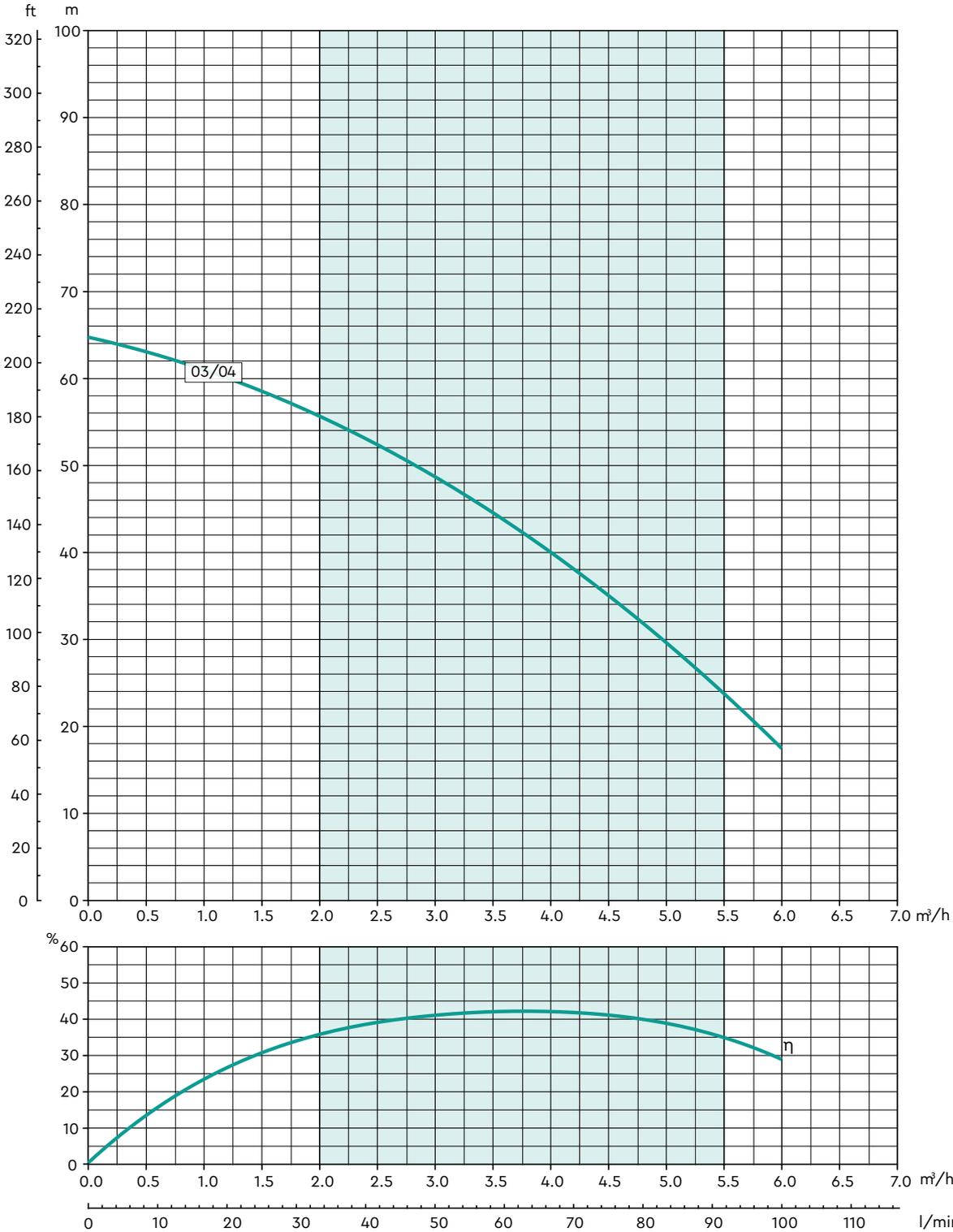
#### Application

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

#### Product Code Structure



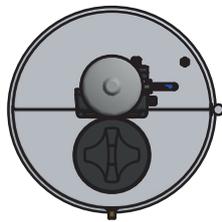
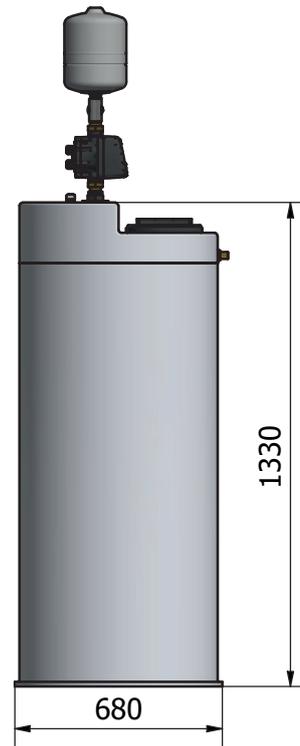
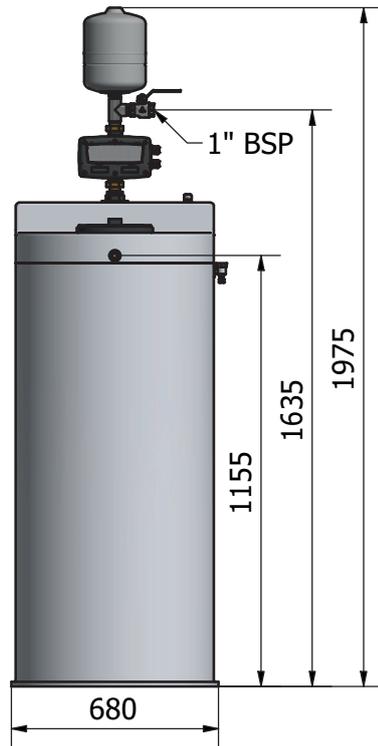
## Performance Characteristics iMatic 0304 1S-CMT/8 400



## Technical Specification iMatic 0304 1S-CMT/8 400

		iMatic 0304 1S-CMT/8 400 47359	
General	Warranty	2 years	
	Conformity certification	UKCA, CE	
	Typical noise	46 dB(A)	
Features	Water tank air gap	Type AF	
	Fluid category	CAT 3 / CAT 4	
	Pump control system	Variable speed	
	Pump control mode (single pump)	Duty	
	Dry run protection	✓	
	Pressure Vessel	8 litre / 10 bar	
	Pump check valve(s)	✓	
	Flexible connection hose – outlet	Optional Extra	
Performance	Nominal head	4.4 bar	
	Maximum head (closed valve)	6.4 bar	
	Nominal flow rate	3.5 m <sup>3</sup> /h	
	Maximum flow rate	6.0 m <sup>3</sup> /h	
	Ambient air temperature	0 – 40 °C	
Water tank	Nominal water tank size	400 litres	
	Usable water capacity	320 litres	
	Float valve	WRAS Approved	
	Water tank fill rate	30 l/min	
Connections	Inlet connection	½" BSP	
	Outlet connection (single pump)	1" BSP	
	Overflow	22mm	
Materials	Water tank	MDPE, food grade rated	
	Water tank base	MDPE, food grade rated	
Manifold	Manifold construction	N/A – Single Pump	
	Pump isolation valves	WRAS Approved Full bore, lever	
Pump	Pump type	Submersible multistage centrifugal	
	Motor type	Induction, thermal protection	
	Duty rating	Continuous	
Electrical	Power supply / phase / frequency	16 A 230 V.a.c./1/50 Hz	
	Full load current	6 Amps	
Dimensions	Depth	680 mm	
	Width	680 mm	
	Height	1975 mm	
Weight (dry/ filled)	Single pump	Dry	45 Kg
		Filled	365 Kg

## Dimensions iMatic 0304 1S-CMT/8 400



### Scan QR Code for:

- Quick install information
- Operation & Maintenance manuals
- Wiring diagram
- Troubleshooting guides



Stuart Turner Limited reserves the right to amend specifications without notice.

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