

MAINSBOOST

iTANK V2 Booster System

A range of high performance cold water mains boosters featuring a water storage tank and integrated submersible pump, suitable for domestic applications.

Available in a range of tank sizes and compact tank profiles suitable for installation in a wide range of locations, including under a staircase or within an attic.

Capable of delivering high water pressure and high flow rates to multiple outlets simultaneously, these units utilise submersible pump technology making them extremely quiet in operation.



NEW – Enhanced MAINSBOOST iTANK V2 systems include:

- A highly reliable new stainless steel submersible pump
- Robust brass pump and control module couplings



Features

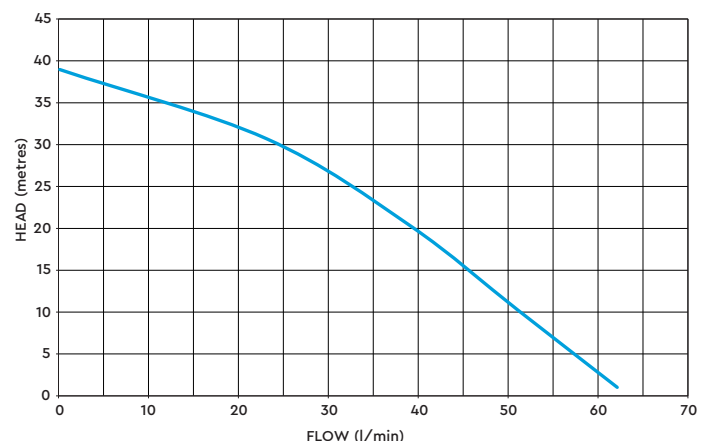
- Compact, space saving design
- 320 – 503 litre cold water storage capacity options
- Range of cold water tank profiles
- Heads up to 3.8 bar and flow rates up to 62 litres/min
- High performance stainless steel submersible pump
- Extremely quiet operation
- Easy installation and commissioning
- Fluidmaster Pro 75B inlet valve
- Section 30 screened overflow and air vent
- 8 litre pressure vessel
- Secondary gravity water outlet
- Drain port
- Flexible hose outlet connection

Application

- Domestic properties requiring an extremely quiet cold water supply boosting solution

Optional extras

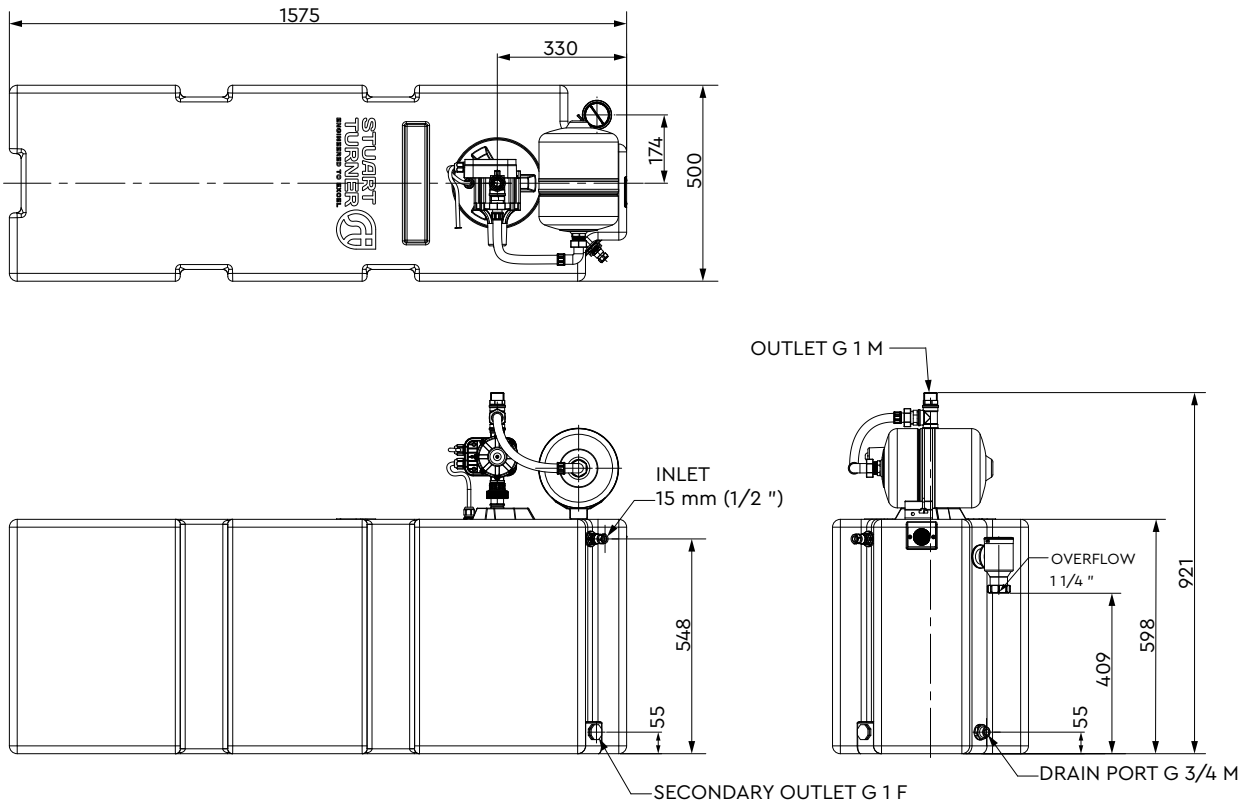
- Insulation jacket
- Tank drip tray



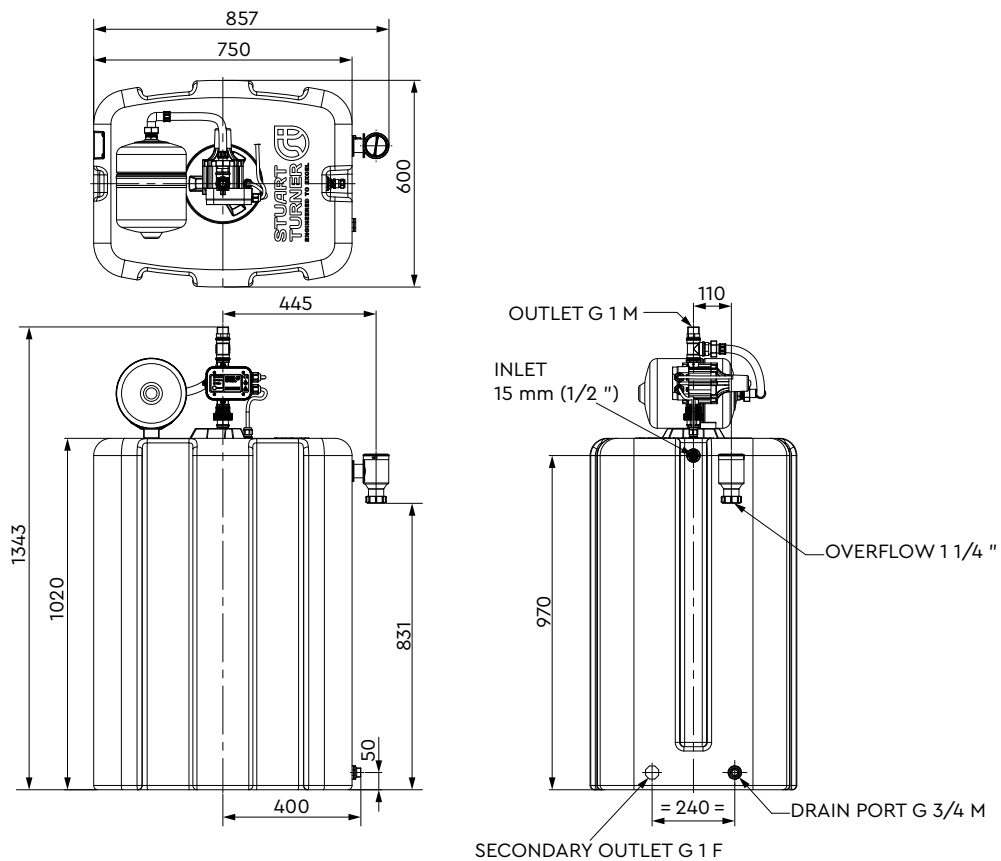
TECHNICAL SPECIFICATIONS

		MBI 320C V2 47676	MBI 330T V2 47677	MBI 490A V2 47678	MBI 500S V2 47679
General	Warranty	1 year			
	Conformity certification	UKCA CE			
Features	Pump control system	Fixed speed / control module			
	Pressure vessel	8 litres / 10 bar			
	Section 30 kit	•	•	•	•
	Brass pump and control module couplings	•	•	•	•
	Dry run protection	•	•	•	•
	System check valve	•	•	•	•
	Outlet flexible hose	•	•	•	•
Performance	Maximum head – closed valve	3.8 bar / 38 metres			
	Maximum flow	62 l/min	62 l/min	62 l/min	62 l/min
	Ambient air temperature	Min 4 – Max 30 °C			
Water tank	Nominal water tank size	417 litres	384 litres	547 litres	618 litres
	Usable water capacity	320 litres	331 litres	491 litres	503 litres
	Float valve type	Fluidmaster Pro 75B			
	Min / Maximum inlet valve pressure	0.2 bar / 10 bar			
	Water tank fill rate	4.2 l/min @ 1 bar			
	Water tank air gap	Type AC			
	Fluid category	Category 3			
Connections	Inlet connection	½ "	½ "	½ "	½ "
	Outlet connection	G1 M	G1 M	G1 M	G1 M
	Outlet flexible hose	G 1 M x 300 mm			
	Overflow	1 ¼ " compression			
	Drain port	G¾ M	G¾ M	G¾ M	G¾ M
	Gravity secondary outlet	G1 F	G1 F	G1 F	G1 F
Materials	Water tank	Polyethylene			
Pump	Pump type	Stainless steel submersible			
	Motor type	Induction, thermal protection			
	Duty rating	Continuous (S1)			
Electrical	Power supply (Vac/Ph/Hz)	3.3 A 230 V.a.c./1/50 Hz			
	Power consumption – P1	730 Watts			
	Power cable length	13 metres (pre-wired)			
	Enclosure protection	IP65 (control module)			
Physical	Width	500 mm	600 mm	650 mm	920 mm
	Depth	1575 mm	857 mm	1422 mm	1185 mm
	Height – excluding hoses	921 mm	1343 mm	1223 mm	1033 mm
	Weight – including fittings	48 Kg	44 Kg	51 Kg	54 Kg
	Weight – filled	368 Kg	375 Kg	542 Kg	557 Kg

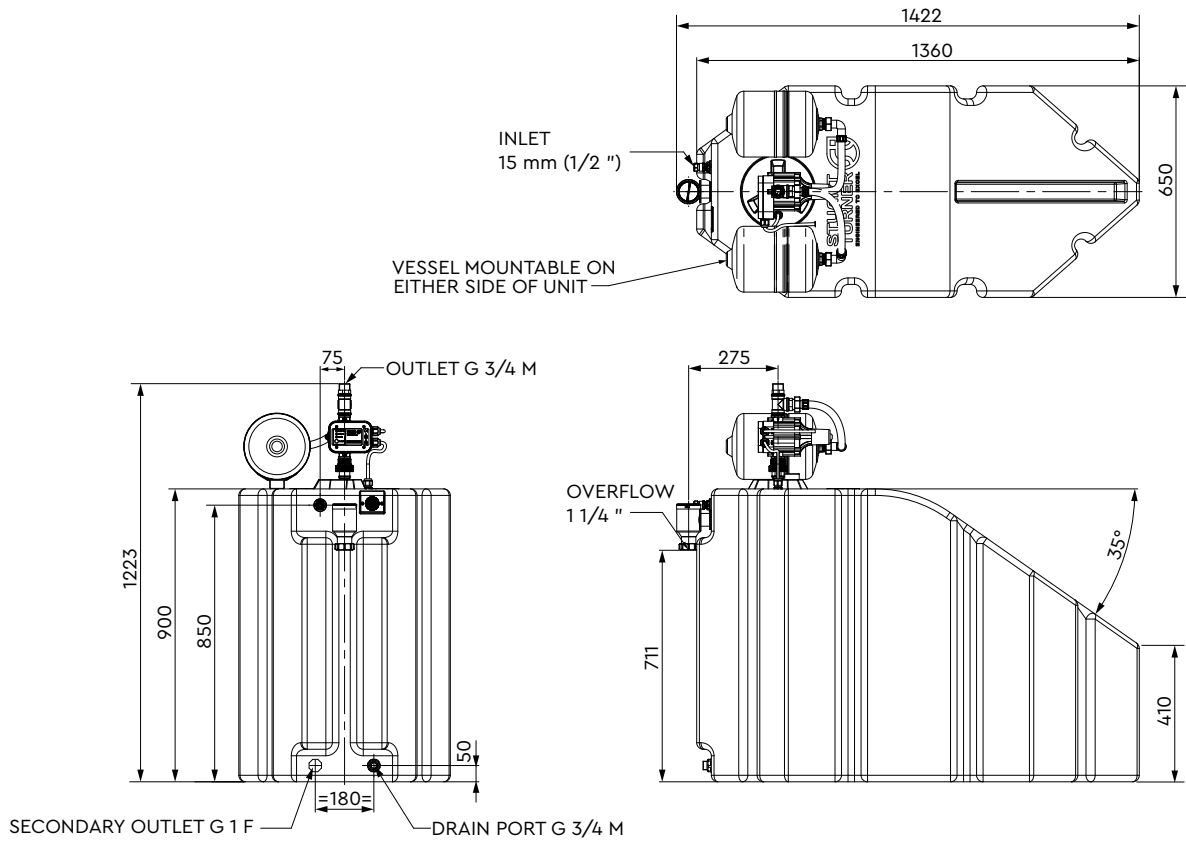
System Dimensions – MBI 320C V2



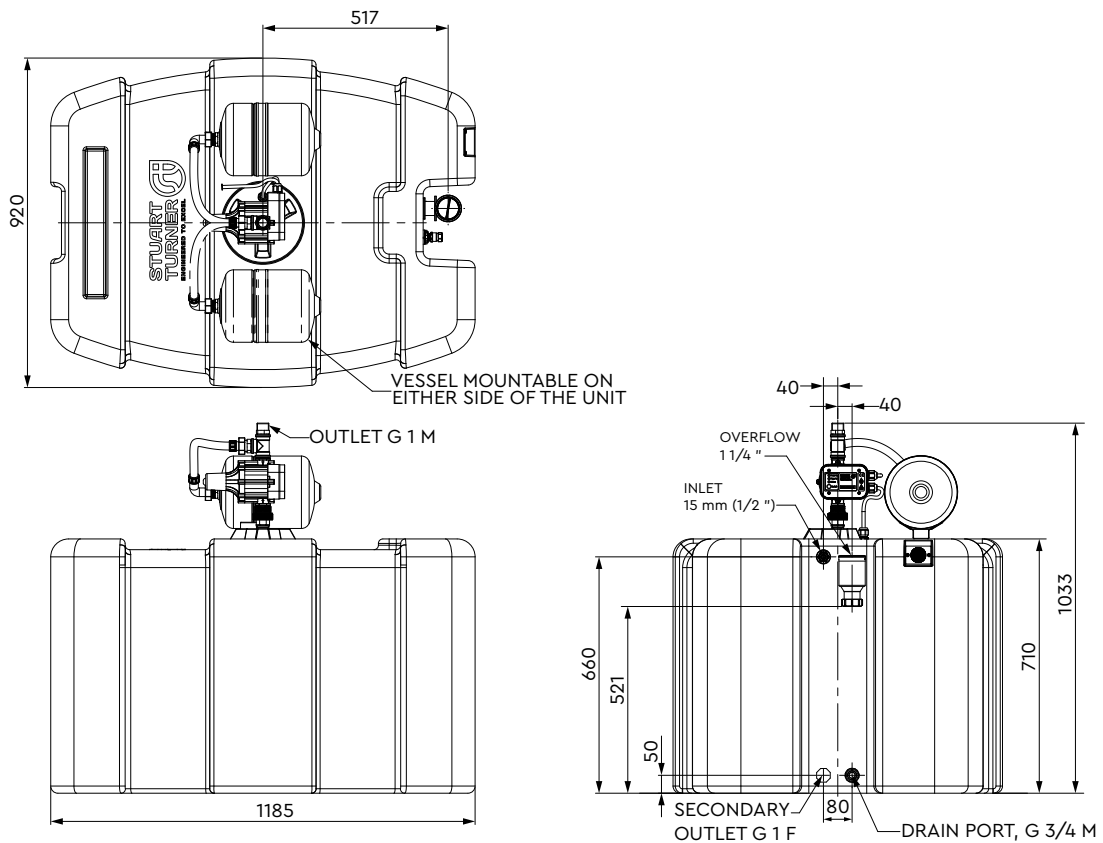
System Dimensions – MBI 330T V2



System Dimensions – MBI 490A V2



System Dimensions – MBI 500S V2



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

Stuart Turner Ltd Henley-on-Thames Oxfordshire RG9 2AD Tel: +44 (0) 1491 572655

TechAssist Helpline +44 (0) 800 31 969 80

www.stuart-turner.co.uk

Pt. No. 72433 Issue 2023-01-01