STUART TURNER

STORMBOOST

STORMBOOST 100, 200 & 300
Installation & Maintenance Instructions

Please leave this instruction booklet with the owner as it contains important warranty, maintenance and safety information

Read this manual carefully before commencing installation.

This manual covers the following products:

STORMBOOST 100
Pt. No. 47716

STORMBOOST 200
Pt. No. 47717

STORMBOOST 300
Pt. No. 47718

MADE IN BRITAIN · WRAS APPROVED PRODUCT · UK CA CE · 3 YEAR WARRANTY

PRODUCT DESCRIPTION

Electric motor driven peripheral pump with bypass, complete with an automatic control system consisting of flow switch, pressure vessel and electronic control.

APPLICATION

The STORMBOOST pumps are a mains booster unit with an automatic control system for domestic use, designed to assist the pressure from the mains supply, where the mains pressure is insufficient. This unit requires a minimum unassisted supply flow of 0.6 l/min to operate.
The pump is limited to producing a maximum flow of not greater than 12 l/min, and a maximum pressure of 3.2 bar.
When the flow/pressure from the rising main exceeds the pump output, the **patented** integral bypass will direct the water into the system as normal.

The STORMBOOST 100, 200 & 300 are patent granted designs.

STORAGE

If this product is not to be installed immediately on receipt, ensure that it is stored in a dry, frost and vibration free location in its original packaging.

CONTENTS

WARNINGS:

- **This pump must not be used for any other application without the written consent of Stuart Turner Limited.**
- **The pump is not suitable for heavy commercial/ industrial applications.**
- **Children shall not play with the appliance.**
- **Cleaning and user maintenance shall not be made by children without supervision.**
- **Maximum head (closed valve) 32 metres.**
- **The motor casing can become very hot under normal operating conditions. Care must be taken to ensure it cannot be touched during operation.**
- **The electrical installation must be carried out in accordance with the current national electrical regulations.**
- **The electrical installation must be installed by a qualified person.**
- **In the interests of electrical safety a 30 mA residual current device (R.C.D. not supplied) should be installed in the supply circuit. This may be part of a consumer unit or a separate unit.**

- **Before starting work on the electrical supply ensure power supply is isolated.**
- **DO NOT allow the supply cord to contact hot surfaces, including the motor shell, pump body or pipework. The cord should be safely routed and secured by cable clips.**

- **This appliance must be earthed via the supply cord, which must be correctly connected to the earth point located in the terminal box.**
- **The supply cord and internal wiring within the terminal box are routed and secured to ensure compliance with the electrical standard EN 60335-1. It is essential that prior to any disturbance of this internal wiring, all cable routing and securing details are carefully noted to ensure re-assembly to the same factory pattern is always maintained.**
- **If the supply cord is to be changed or is damaged, it must be replaced with a special cord assembly available from Stuart Turner or one of their approved repairers.**

Notes

- **This product must be installed in accordance with the current Water Supply (Water Fittings) Regulations.**
- **Under no account should the internal flow restrictor be removed, or replaced with an alternative design.**
- **Care must be taken to ensure the maximum pressure generated by the pump combined with the incoming mains water pressure does not exceed the pumps maximum operating pressure of 4.5 bar.**

Please read installation details carefully as they are intended to ensure this product provides long, trouble free service. Failure to install the unit in accordance with the installation instructions will lead to invalidation of the warranty.

CHECKLIST

IMPORTANT: With the pump removed from its packaging check for any damage prior to installation. If any damage is found contact Stuart Turner Ltd within 24 hours of receipt.

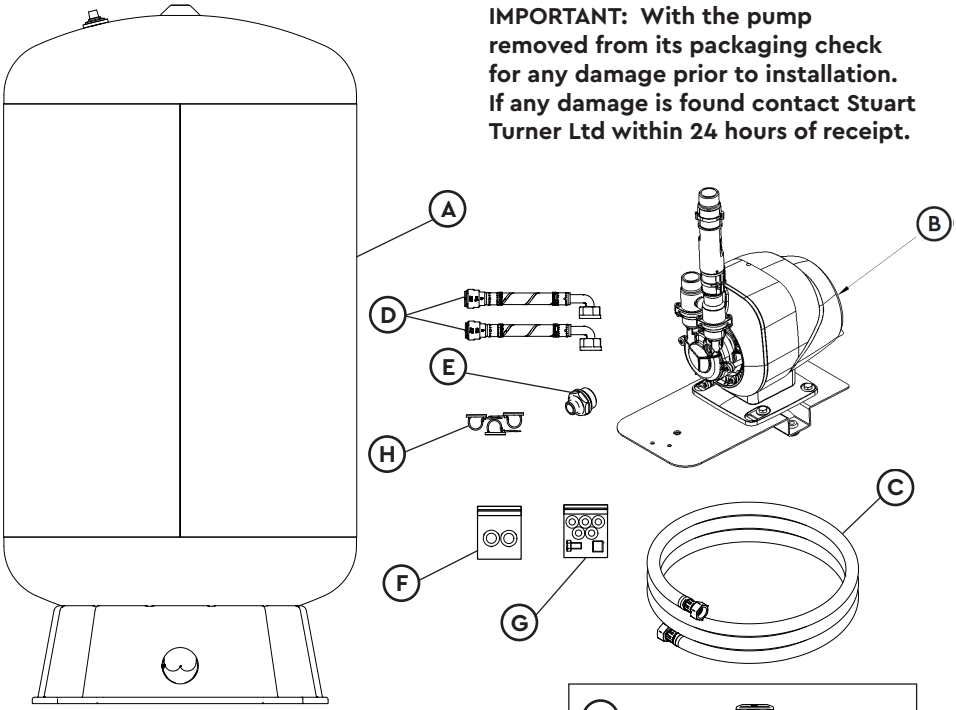
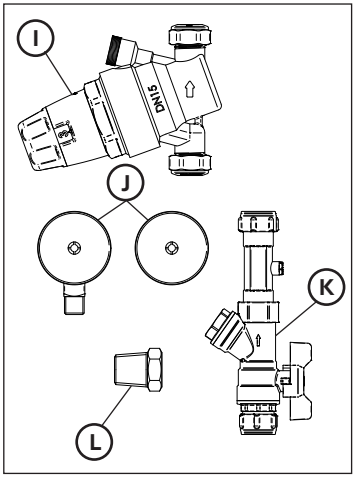


Fig. 1



Item		Description	Qty	
			100 Ltr	200 Ltr & 300 Ltr
A		Pressure vessel	1	1
B		Pump Assembly	1	1
C		Flexible hose - long	1	1
D		Flexible hose - short	2	2
E		Pressure vessel adaptor assembly	1	1
F		Sealing washers	2	2
G	1	Washer 3/8"	5	2
	2	Threaded insert 3/8"	n/a	1
	3	Bolt 3/8"	1	1
H		Self-adhesive pipe strap	2	3
I		Pressure regulating valve	1	1
J		Pressure gauge	2	2
K		Valve, strainer, check valve combined	1	1
L		Adapter G ¼ " to G ½ "	1	1

Your product may vary slightly from the picture on previous page.

PRE-INSTALLATION ASSEMBLY

The STORMBOOST product is delivered as sub-assemblies, and two assembly kits. All parts are supplied in the pump transit box.

Step 1

- Clear a flat working area big enough to lay the pressure vessel on its side.
- Remove the pressure vessel (item A) from the packing and lay the vessel on its side (use the packing to protect it).
  Warning - This may require two people due to the size and weight of the item.
- Remove the plastic cap from the threaded port at the bottom of the vessel.
  Ensure there is no debris or paint in the thread.
- Remove the pressure vessel adaptor (item E) from the transit box.

  For STORMBOOST 200/300 only, apply WRAS approved PTFE tape to the adaptor before fitting to the vessel.
  STORMBOOST 100 has this adaptor pre-fitted.

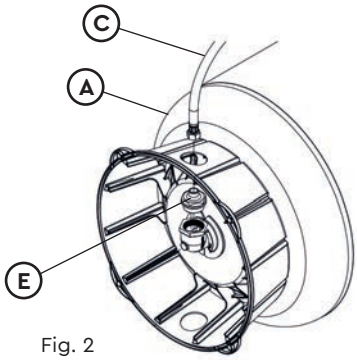


Fig. 2

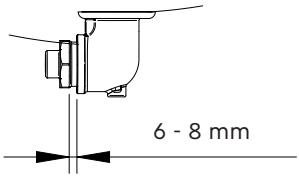


Fig. 3

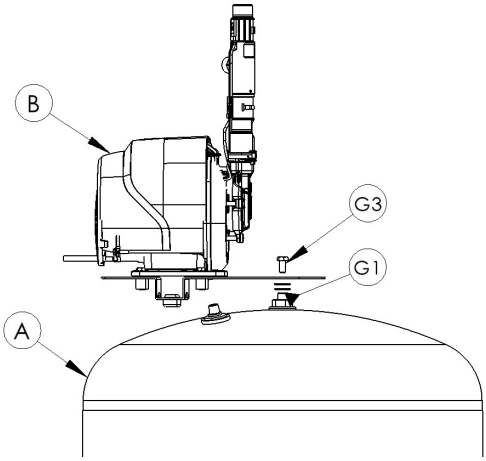
- Screw the vessel adaptor into the threaded port in the base of the pressure vessel. Tighten to 40-50 Nm or until there is 6-8 mm gap between the head of the adaptor and the face of the threaded port (see Fig. 3).
- Screw one end of the long flexible hose (item C) to the smaller threaded end of the pressure vessel adaptor and tighten for a leak tight seal (Do not over tighten) (see Fig. 2).
- Stand the pressure vessel upright onto a flat surface near the installation location.
  Warning - This may require two people due to the size and weight of the item.

Step 2

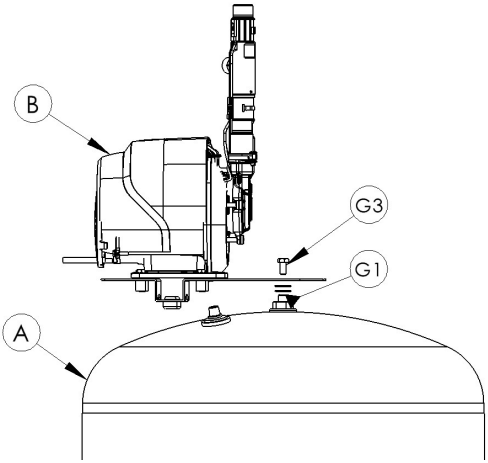
Please refer to figures 4 & 5 for fixing set up of different vessel types.

- Remove the pump assembly (item B) from the transit box. Ensure the two rubber feet are located in the underside of the metal base plate prior to fitting.
- Remove the retaining bolt (item G3) and washer (items G1) from the transit box.
- Remove the black plastic cap from the top of the pressure vessel and discard it to reveal the threaded fitting.
- Place the pump assembly on the top of the pressure vessel and retain with the screw and washers, rotate the pump assembly to align with the flexible hose at the base of the vessel.
- Tighten the retaining screw.
  Note: 200 litre and 300 litre vessels require the threaded insert (item G2) to be tightened into the vessel, see Fig. 5.
- Fit the upper end of the flexible hose to the connection on the pump and tighten for a leak tight seal **(Do not over tighten)**, see Fig. 6.
- **Important** - Ensure the flexible hose is routed so it is not bent tightly or crushed.

⌘Retain the long flexible hose to the side of the pressure vessel using the self-adhesive pipe straps (item H).
⌘Fit the short flexible hoses (item D) to the inlet and outlet of the pump using the sealing washers (item F1), see Fig. 7.
⌘The STORMBOOST is now ready to be moved into its final location and connected to the water system.



Stormboost 100 litre Fixing set up Fig. 4



Stormboost 200 & 300 litre Fixing set up Fig. 5

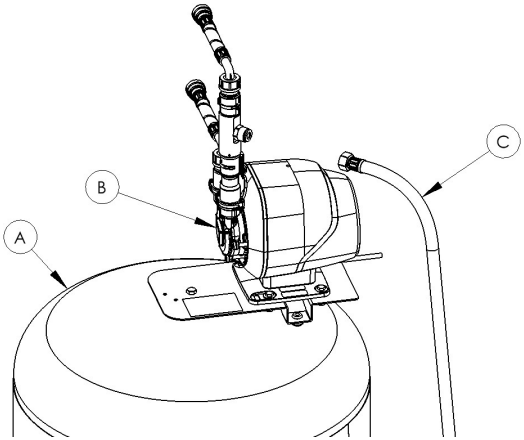


Fig. 6

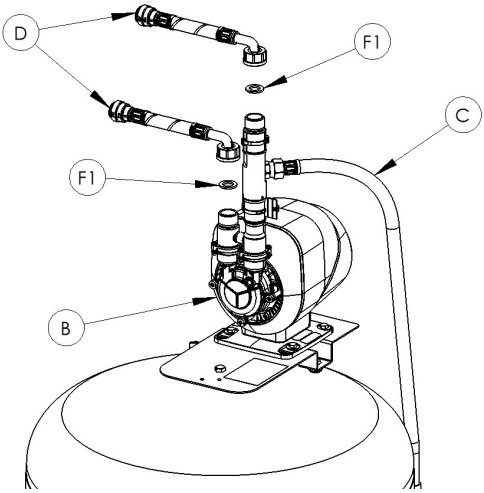


Fig. 7

1 IMPORTANT FACTS: READ BEFORE COMMENCING PUMP INSTALLATION

A **Water temperature**

The water entering the pump must be controlled as follows:

1.11 The maximum allowable water temperature is 35 °C.

1.12 The minimum allowable water temperature is 4 °C.

B **Pipework - General**

1.13 **Secure pipework:** Ensure pipework to and from pump is independently supported & clipped to prevent forces being transferred to inlet and outlet branches of pump.

1.14 **Flux:** Solder joints must be completed and flux residues removed prior to pump installation **(flux damage will void any warranty)**.

1.15 **Pipework design:** Care should be taken in the design of pipework runs to minimize the risk of air locks e.g. use drawn bends rather than 90° bends.

1.16 **DO NOT** introduce solder flux to flexible hoses, pump or pump parts.

1.17 **DO NOT** allow contact with oil or cellulose based paints, paint thinners or strippers, acid based descalents or aggressive cleaning agents.

1.18 **Water flow:** An un-assisted flow rate of at least 0.6 l/min is required through the outlets to be pumped in order to make this pump work.

C **Plumbing Installation Regulations**

1.19 The plumbing installation must comply with the current water and building regulations.

2 LOCATION - GENERAL

2.11 **Access:** For emergencies and maintenance the pump must be easily accessible.

2.12 **Protection:** The pump must be located in a dry position, frost free and protected from freezing. Ensure the pump is in a dry position, away from heat sources, such as radiators and heaters.

2.13 **Ventilation:** Ensure an adequate air flow to cool the pump. Separate the pump from other appliances that generate heat. An 80 mm air gap must be maintained to allow free air flow through the fan cowl and over the motor at all times.

2.14 **Safety:** The motor casing can become very hot under normal operating conditions. Care must be taken to ensure it cannot be touched during operation.

2.15 **Water retention:** Site the pump in a location where in the unlikely event of a water leak, any spillage is contained or routed to avoid electrics or areas sensitive to water damage.

2.16 **Location point:** The pump **must** be located directly after the mains water stopcock, in-line to the connection to the system. Site on a smooth level floor of sufficient strength to support the filled weight (see Section 6 - Technical Specification for filled weight). **Do not** site the pump in the roof space, since air locks can easily result.

2.17 **Direction of flow:** Ensure the water flow is in the direction of the arrow, as marked on the flow switch reed clamp.

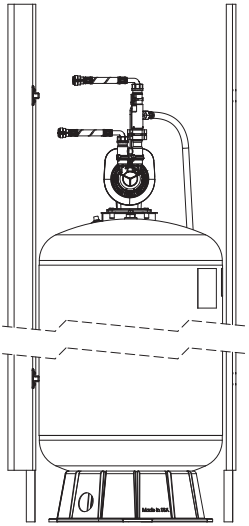
2.18 **Vessel:** Ensure the vessel is placed on flat level ground and that the vessel/ unit is safely secured so it cannot be pulled over.

The vessel must be screwed to the floor using suitable fixings via the 4 holes in the moulded base.

2.19 **Pipework Connections:**

Isolating valves: Always install isolating valves (not supplied) to both suction and delivery pipe to aid future maintenance.

Typical installation
Stormboost Accumulator
(in cupboard)



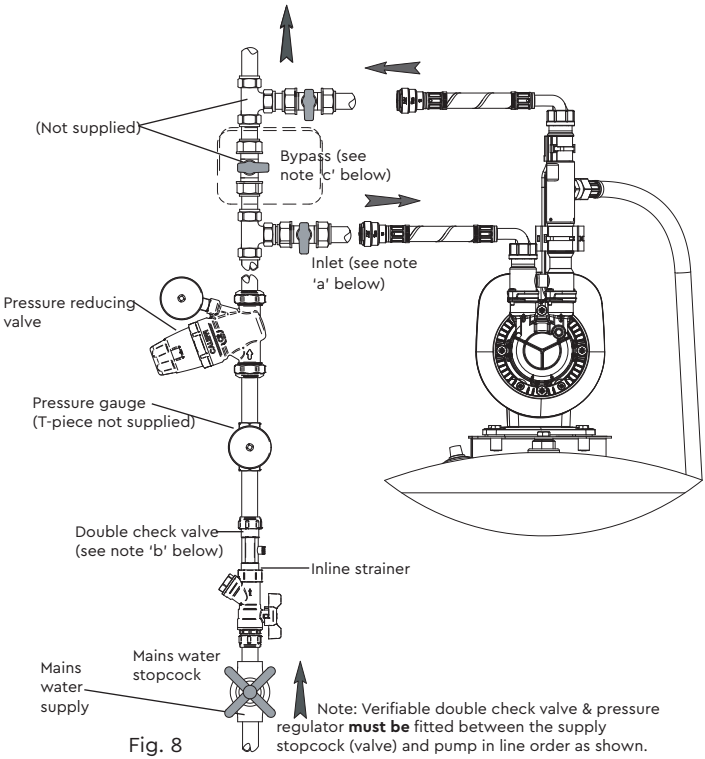


Fig. 8

a) A pressure regulator (set at 2.0 bar) must be fitted, to ensure the maximum working pressure of the pump is not exceeded.
b) To meet the requirements of the Water Supply (water fittings) Regulations, a type EC - verifiable double check valve must be fitted.
c) It is advisable to fit a bypass pipe and isolating valves. This will allow removal of the pump for maintenance and servicing, and ensure the water supply into the property is still available during that period (Fig. 9).

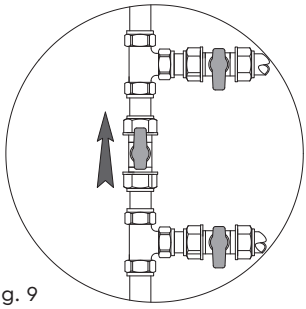


Fig. 9

3 ELECTRICAL INSTALLATION / EARTHING

3.11 **Regulations:** The electrical installation must be carried out in accordance with the current national electrical regulations and installed by a qualified person.

3.12 **Safety:** In the interests of electrical safety a 30 mA residual current device **(R.C.D. not supplied)** must be installed in the supply circuit. This may be part of a consumer unit or a separate unit.

3.13 Before starting work on the electrical installation ensure the power supply is isolated.

3.14 The motor and wiring must not be exposed to water.

3.15 The supply cable must be positioned so that it is not stepped on, cut or damaged.

3.16 **Electrical Connection:**

a) The pump is provided with a factory fitted supply cord.

b) This must be permanently connected to the fixed wiring of the mains supply.

c) Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring regulations.

d) A suitable method of connection would be via a dedicated double pole switched, fused connection unit complying with BS 1363-4 , protected with a fuse (see technical specification section).

e) The connection unit should be mounted in an easily accessible position and should be labelled if confusion is possible, to allow easy identification of the Stormboost isolating switch.

3.17 **Earthing:** This appliance must be earthed via the supply cord, which must be correctly connected to the earth point located in the terminal box.

3.18 **Additional earthing:** Certain installations may require additional earthing arrangements such as equipotential bonding. Reference should be made to the relevant regulations concerning this subject to ensure compliance.

3.19 **Wiring Of Connection Unit:**

WARNING: This appliance must be earthed.

The wires in the mains lead (supply cord) are coloured in accordance with the following code:

Green and Yellow: Earth
Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your connection unit proceed as follows:

- The wire which is coloured green and yellow must be connected to the terminal in the connection unit which is marked with the letter E or by the earth symbol: ⏚ or coloured green or green and yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

3.20 **Wiring Diagram:**

The supply cord and internal wiring within the terminal box are routed and secured to ensure compliance with the electrical standard EN 60335-1. Do not disturb the internal wiring or factory routing and securing of all internal wiring.

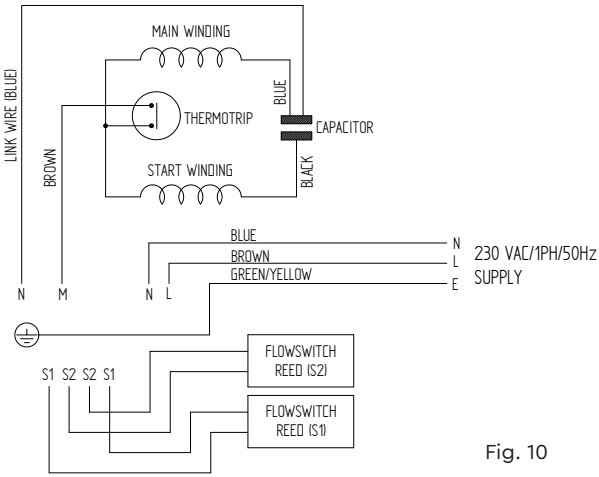


Fig. 10

3.21 **Fuse:**

Model	Fuse Size (AMPS)
All Models	5

3.22 **Supply Cord:**

The supply cord and internal wiring within the terminal box are routed and secured to ensure compliance with the electrical standard EN 60335-1.

4 PRIMING

4.11 **Priming:** This pump unit is self venting. Open the mains stopcock and allow the pump to fill and vent, please note the pump chamber must be full of liquid at all times. Seal damage will result if the pump runs dry.

4.12 **Starting:**

a) Ensure all outlets are closed, turn power supply 'on'.
b) Open and close all outlets in turn associated with the pump allowing liquid to flow from each outlet until all air is purged.
c) The pump will run on while this is being completed until the vessel is full.
d) Any tap or control valve within the system when opened and closed will now turn the pump on & off. Check system for leaks, if clear the system is now operating correctly
e) Carefully check pump and pipework for leaks whilst pump running and stationary before leaving the installation unattended.
Note: It is normal for the pump to run on after all outlets have been closed. This gives the pump chance to re-fill the vessel ready for next use.

4.13 **For Further Technical Support:** Phone the Stuart Turner TechAssist team on +44 (0) 800 31 969 80. Our staff are trained to help and advise you over the phone.

5 MAINTENANCE

5.11 Disconnect electrical supply before working on pump.

5.12 Turn off liquid supplies to the pump and release pressure by opening outlets before attempting maintenance.

5.13 Should ever the need arise for the vessel to have its air charge checked or replenished, it should be carried out as follows: -

a) Isolate pump electrically.
b) Isolate the mains water supply via the stop valve.
c) Release system water pressure by opening a system outlet (tap).
d) Check air charge at Schrader valve (Fig. 1) using a tyre pressure gauge.

Model	Vessel Pressure		
	KpA	bar	psi
Stormboost 100	150	1.5	22
Stormboost 200	140	1.4	20.5
Stormboost 300			

e) Replenish air charge if required by injecting air into the vessel via the Schrader valve using a car or bicycle pump, ensuring a system outlet valve (tap) remains open during this procedure to allow the vessel to exhaust any excess water.
f) Close all system taps, open the mains stop valve, turn on electrical power.

6 TECHNICAL SPECIFICATION

Pump Model		STORMBOOST 100 47716	STORMBOOST 200 47717	STORMBOOST 300 47718
General	Warranty	3 years		
	WRAS	WRAS Approved Product		
	Conformity certification	UKCA | CE		
Features	Pump type	Peripheral		
	Flexible hoses	2	2	2
	Pressure vessel size	100 litre	200 litre	300 litre
	Pressure vessel water capacity	55 litre	110 litre	165 litre
	Upstream line-in kit	15 mm		
	Dry run protection	✓	✓	✓
Materials	Pressure vessel	Epoxy coated steel		
	Membrane	Butyl rubber		
	Pump body	Brass		
	Impeller	Brass		
	Mechanical seal	EPDM / PTFE / Al. Oxide		
Performance	Maximum head (closed valve)	3.2 bar (32 metres)		
	Maximum flow	17 l/min	22 l/min	27 l/min
	Maximum working pressure*	450 kPa (4.5 bar)		
	Maximum ambient air temperature	40 °C		
	Min / Max water temperature	Min 4 °C / Max 35 °C		
	Flow switch sensitivity (approx)	0.6 l/min		
Connections	Pump connections	G ¾ M		
Flexible hoses	Connections	G ¾ F x 15 mm push-fit x 200 mm long		
Motor	Type	Induction (thermal trip/auto reset)		
	Duty rating	Continuous (S1)		
Electrical	Power supply / phase / frequency	230 V a.c. / 1 / 50 Hz		
	Power consumption	340 Watts		
	Current (full load)	1.5 Amps		
	Fuse rating	5 Amps		
	Power cable (pre-wired)	1.5 metres		
Physical	Enclosure protection	IPX4		
	Width	461 mm	556 mm	
	Depth	430 mm	532 mm	
	Height (excluding hoses)	1164 mm	1420 mm	1877 mm
	Dry Weight (including fittings)	27.6 Kg	43.1 Kg	57.1 Kg
	Filled Weight (maximum)	82.6 Kg	153.1 Kg	222.1 Kg

Stuart Turner reserve the right to amend the specification in line with its policy of continuous development of its products.

*Note: The maximum pressure that can be applied to the pump under any installation conditions.

6.11 **Noise:** The equivalent continuous A-weighted sound pressure level at a distance of 1 metre from the pump does not exceed 70 dB(A).

7 TROUBLE SHOOTING GUIDE

Symptoms	Probable Cause	Recommended Action
Pump will not start.	No water.	Check required flow of liquid is available to the fittings of approx. 0.6 l/min.
	Water supply.	Check water supply from mains and all stopcocks are open.
	Electrical supply.	Check wiring connections. If flow exists inline with requirements - check that all electric switches are on. Is the correct fuse fitted? Check circuit breaker is set.
	Reed switch is faulty and low water demand.	Does the pump start when flow is above the following: 100 litres - 5 l/min 200 litres - 10 l/min 300 litres - 15 l/min If yes refer to circuit test as detailed in 7.11.
	Faulty reed switch/PCB	Refer to circuit test as detailed in 7.11.
	Internal motor thermotrip activated.	Wait for thermotrip to auto reset and check that duty point and run time is within specification (see Technical Section).
Pump starts when outlets are off. or Pump cycles (hunts) on/off frequently.	Leak in system	Check tap washers, w/c valve washers, pipe joints.
Pump runs on when all terminal outlets are closed.	Leak in system.	Check tap washers, w/c valve washers, pipe joints.
	Reed clamp out of position.	Ensure reed clamp is fitted correctly in location groove (Fig. 10).
	Jammed flow switch.	Remove flow switch reed clamps whilst pump is running. If pump stops proceed to isolate the pump electrically and hydraulically and remove brass housing that contains float. Check for free movement.
	Faulty reed switch or P.C.B.	Remove flow switch reed clamps whilst pump is running. If pump continues to run, this indicates a closed circuit in either the flow switch reed or P.C.B. in the terminal box, these should be checked electrically.
	Pressure vessel not full of water.	Wait for vessel to fill (approx 9 mins for 100 litre, 18.5 mins for 200 litre and 27.5 mins for the 300 litre).
Pump will not start and poor performance.	No water supply and faulty upper reed swtich.	Check required flow of liquid is available to the fittings of approx. 0.6 l/min. Check water supply from mains and all stopcocks are open. Refer to circuit test as detailed in 7.11.
Pump does not run on to fill vessel	Lower reed switch is faulty.	Refer to circuit test as detailed in 7.11.

7.11 **Flow Switch Circuit Test:**

1. First confirm visually that neither of the flow switch reed clamps have been dislodged during handling or installation. The clamps must be fully located within their flow switch body grooves as shown.
2. To carry out the following test you will need to obtain a magnet, a typical fridge magnet is suitable.
3. Ensure the power supply is switched on.
4. Position the magnet directly in front of a reed clamp as shown. If pump does not start, then slowly move the magnet up and down to a position that exceeds the extent of the reed clamp. The pump should instantaneously start at some point during this extent of movement. If this does not happen, this indicates a possible fault with the reed switch or the P.C.B which is located within the terminal box. These should be checked electrically. Consult Stuart Turner for further instructions.
5. Repeat step 4 with the second reed clamp.

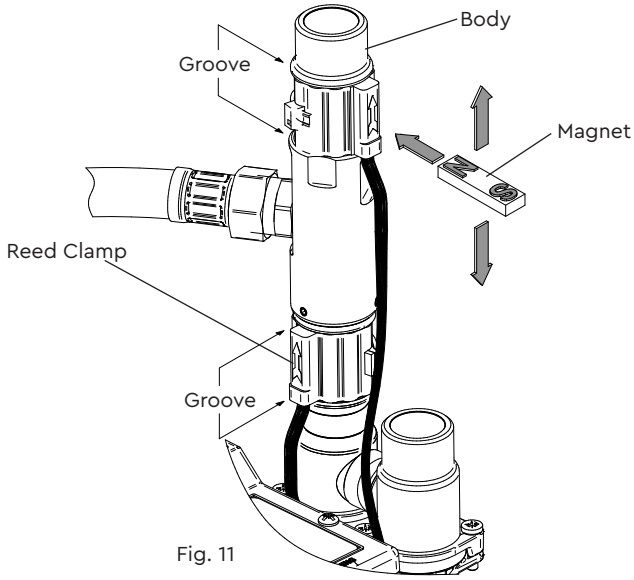


Fig. 11

7.13 **Environment Protection:** Your appliance contains valuable materials which can be recovered or recycled.
At the end of the products' useful life, please leave it at an appropriate local civic waste collection point.

8 WARRANTY

Congratulations on purchasing a Stuart Turner product

We are confident this product will provide many years of trouble free service as all our products are manufactured to the very highest standard.

The **STORMBOOST 100 | 200 | 300 products** are warranted to be free from defects in materials or workmanship for **3 years*** from the date of purchase

Within the warranty period we will repair, free of charge, any defects in the pump resulting from faults in material or workmanship, repairing or exchanging the whole unit as we may reasonably decide.

* Important Note

This extended promotional warranty is only granted under the following conditions:

1. **That the product is registered on the Stuart Turner web site within 12 months of the purchase date.**
2. **That a valid receipt or other acceptable form of 'proof of purchase' such as a copy of the installers invoice/receipt is also uploaded during this registration process.**

Product registration to obtain the warranty extension is not a requirement in the Republic of Ireland.

Please register your product here:

https://www.stuart-turner.co.uk/warranty

Failure to register the product within this period, or failure to upload a valid form of proof of purchase will invalidate the promotional extended warranty and the default product warranty of 1 year will be applicable.

Warranty Exclusions

Not covered by this warranty: Damage arising from incorrect installation, improper use, unauthorised repair, normal wear and tear and defects which have a negligible effect on the value or operation of the product.

This warranty is in addition to your statutory rights as a consumer. If you are in any doubt as to these rights, please contact your local Trading Standards Department.

Warranty Claim Procedure

In the event of a claim please telephone TechAssist on **+44 (0) 800 31 969 80**

or email us at **tech-assist@stuart-turner.co.uk**

In the event of a claim within the terms of this warranty policy, your receipt or 'proof of purchase' provided during registration will be reviewed.

You should obtain appropriate insurance cover for any loss or damage which is not covered by Stuart Turner Ltd in this provision.

Please make a note for your own reference:

PRODUCT MODEL	SERIAL NO.	DATE PURCHASED

CE

EU DECLARATION OF CONFORMITY

47716, 47717, 47718 STORMBOOST

We, Stuart Turner Ltd, declare that the equipment detailed below under our sole responsibility

Machinery Directive 2006/42/EC

EN ISO 12100:2010, EN 809:1998+A1:2009/AC:2010

Low Voltage Directive 2014/35

EN 60335-1: 2012 +A11: 2014 +A13: 2017 + A1: 2019 + A14: 2019 +A2: 2019 + A15: 2021

EN 60335-2-41: 2021 + A11: 2021

RoHS Directive – 2011/65/EU

EN IEC 63000:2018

WEEE Directive-2012/19/EU

EMC Regulation – 2016

EN IEC 55014-1: 2021

EN IEC 55014-2: 2021

EN IEC 61000-3-2: 2019/A1:2021

EN 61000-3-3: 2013/A2:2021

EMF Regulations – 2012

EN 62233: 2008 + AC: 2008

Pressure Equipment Directive

2014/68/EU (PED)

PED Confirmity Assessment Module:

Module H: Certificate No. CE 821884

Notified Body conducting the Conformity Assessment:

BSI Group The Netherlands B.V.
Say Building
John M. Keynesplein 9
1066 EP
Amsterdam, Netherlands
Notified Body No. 2797

IT IS HEREBY CERTIFIED THAT THE STUART TURNER PUMP: 47716, 47717 & 47718 COMPLIES WITH THE ESSENTIAL REQUIREMENTS OF THE ABOVE STATUTORY REGULATIONS AND EU DIRECTIVES

STUART TURNER LTD
HENLEY-ON-THAMES, OXFORDSHIRE
RG9 2AD, ENGLAND
WEBSITE: www.stuart-turner.co.uk
RESPONSIBLE PERSON AND MANUFACTURER

EU Authorised Representative
ARC (Authorised Rep Compliance)
Ground Floor, 71 Lower Baggot Street
Dublin, D02 P593, Ireland
www.authorisedrepcompliance.co.uk

Signed .....

Stuart Savill, Head of Engineering
Stuart Turner Ltd

UK DECLARATION OF CONFORMITY

47716, 47717, 47718 STORMBOOST

Supply of Machinery Regulation - 2008
EN ISO 12100:2010, EN 809:1998+A1:2009/ AC:2010

Electrical Equipment Regulation – 2006
EN 60335-1: 2012 +A11: 2014 +A13: 2017 + A1: 2019 + A14: 2019 +A2: 2019 + A15: 2021
EN 60335-2-41: 2021 + A11: 2021

RoHS Regulation – 2012
RoHS in EEE Regulation 2012
RoHS in EEE Regulation (Amendment) 2021

WEEE Directive-2013

EMC Regulation – 2016
EN IEC 55014-1: 2021
EN IEC 55014-2: 2021
EN IEC 61000-3-2: 2019/A1:2021
EN 61000-3-3: 2013/A2:2021

EMF Regulations – 2012
EN 62233: 2008 + AC: 2008

Pressure Equipment (Safety) Regulations 2016 No. 1105, as amended Schedule 11

PE(S)R Confirmity Assessment
Module H: Certificate N0. UKCA 821885

Approved Body conducting the Conformity Assessment:
BSI UK
Kitemark Court, Davy Avenue
Knowlhill, Elfield Park
Milton Keynes
MK5 8PP
Approved Body No. 0086

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