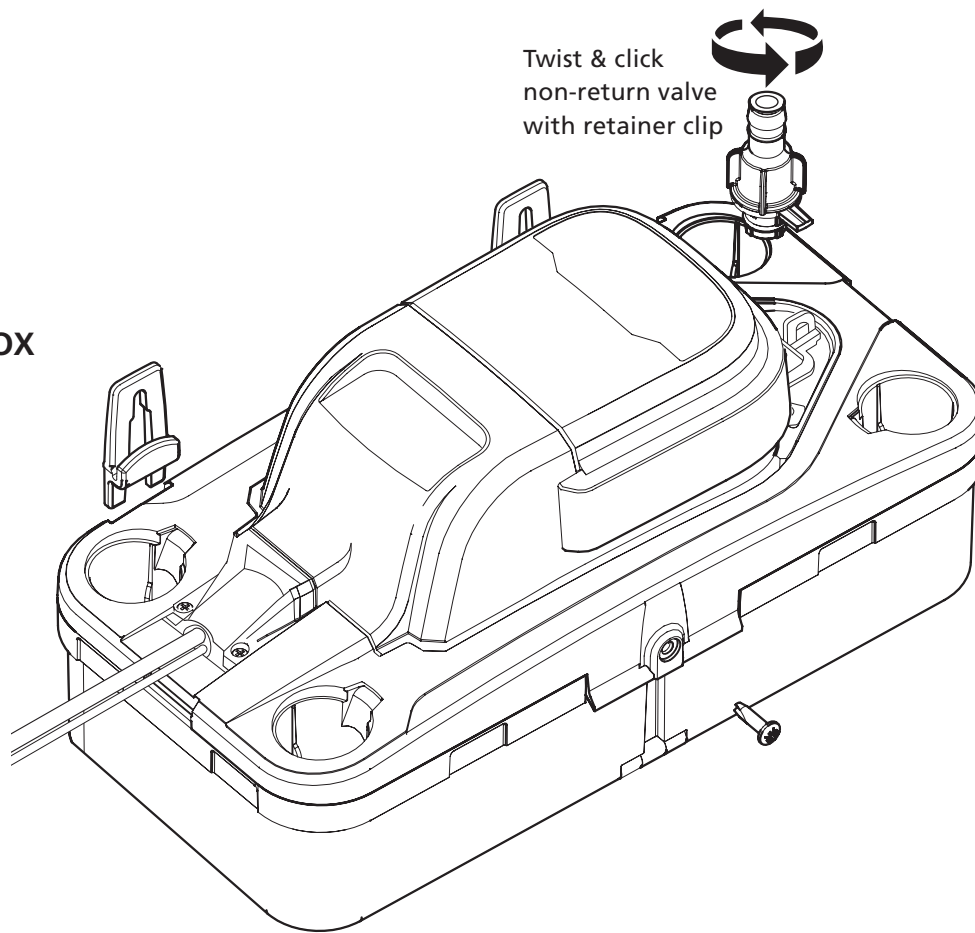
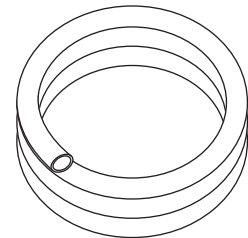


IN THE BOX



Twist & click
non-return valve
with retainer clip



10mm I.D. x 6m



Pipe Adaptor

This pump is designed to collect condensate water from large domestic and commercial gas & oil fired condensing boilers and discharge it up to recommended maximum 5 metres head. The internal safety float is a low current switch to stop the boiler system in the event of pump failure. The pump is operated from an internal float switch.

⚠ ELECTRICAL WARNING!

Isolate before working on this unit.

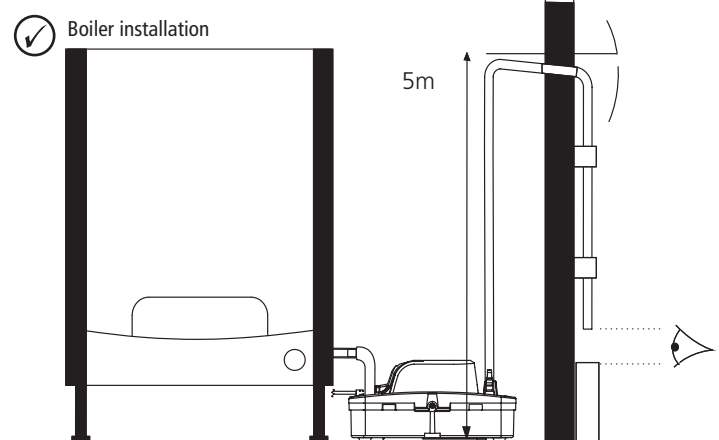
Service Guide:

Flush the pump through with anti-bacterial wash every six months to avoid sludge build-up in the pump housing.

NB The contractors should satisfy themselves that any chemicals used are compatible with the working of the pump.

IMPORTANT:

Pump should be filled with water until motor runs, check for leaks and proper discharge of water.



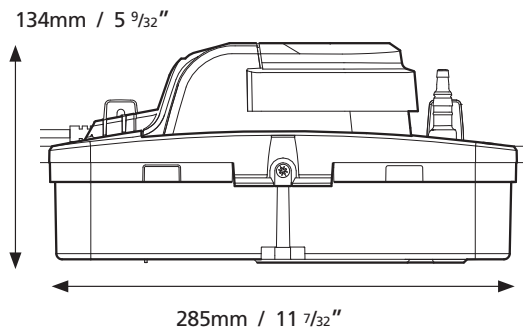
Ensure that there are no kinks or trapped parts in the piping, which must have an inside diameter of 6mm. Fix the pipe with cable ties to the pump outlet.

IMPORTANT:

The pre-wired safety switch **MUST ALWAYS** be utilised.

Boiler Condensate Pump - Installation Guide

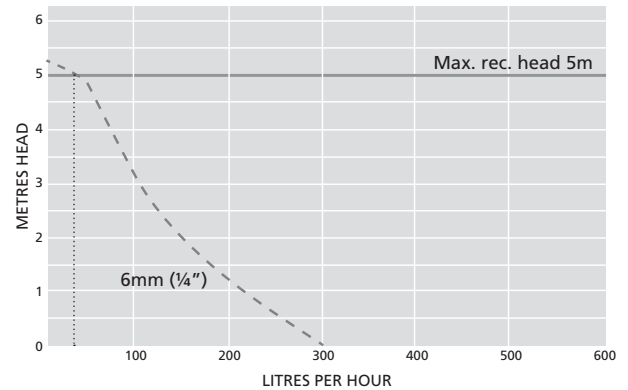
SPECIFICATIONS



Max. flow (@ 0 m/ft)	300 L/hr
Max. rec. head	5m
Sound level @ 1m	49 dB(A)
Pump Power supply	230 VAC, 0.8 A, 50Hz
Non Continuous	5mins on, 5mins off
Class	I Appliance
Max. AC unit output	200kW - 682,000 Btu/h
Max. water temp	60° C / 140° F
Inlets/Outlets	Ø21mm to Ø27mm / 6mm (1/4") & 10mm (3/8")
IP Protection	IP24
Safety switch	3 A Normally closed
Thermal protection	✓

Length	285 mm / 11 7/32"
Depth	144 mm / 5 21/32"
Height	134 mm / 5 9/32"
Weight	1.65 kg
Capacity	1.7 litres

PERFORMANCE



Head / m	L / hr	kW
0	300	400
1	215	287
2	159	212
3	106	141
4	65	87
5	36	48
5.4	0	0

⚠ IMPORTANT

- 1 This pump has been designed for the removal of pH +2.2 condensate water ONLY.
 - 2 Ensure a max 3 Amp fuse is installed, either within a 3 Amp fused plug or a 3 Amp fused switched spur within the wiring circuit. **For optimum protection against overload current, we recommend our optional 1 Amp inline fuse accessory is also installed (Wolseley code 684154).**
 - 3 Following installation of the pump the tank should be filled with water until the motor runs. Pipes and connections should be checked for leaks and discharge of water checked. The operation of the safety switch should also be checked.
 - 4 Do not use these pumps in oily or very dusty environments.
 - 5 Install hose and wiring in accordance with manufacturers instructions. Do not use discharge hose larger than 3/8"/10mm I.D.
 - 6 Inspect pump, clean floats, and tank regularly checking for correct operation.
 - 7 Do not use any unapproved cleaning chemicals this pump. Operating the pump when unapproved or poorly mixed cleaning chemicals are present will result in permanent damage to pump and void warranty. Ensure all cleaning chemicals are thoroughly flushed out of the pump with clean water.
 - 8 After initial installation and/or maintenance, do not leave site until pump has been tested for correct operation.
 - 9 When commissioning the pump, please check for debris in the pump – remove any material that might block the drain line or drain into the boiler pump.
 - 10 **NOISE:** All Center Brand pumps operate quietly, however under certain conditions where an extremely low ambient noise level is present, the sound of their intermittent operation may still be perceived as noisy. Always confirm acceptable noise level before installing any condensate pump in a bedroom or other noise sensitive area.
- ✓ **Correct sequence of operation:**
- 1 Boiler drains water which flows into pump's tank.
 - 2 When the water lifts the float to the correct level the pump will activate.
- ❓ **Fault Conditions:**
- In the unlikely event of a pump failure check the following:
- 1 Power supply: Ensure power is supplied to pump.
 - 2 Hi level safety switch: Ensure hi level safety switch has not operated. If it has, check pump performance is suited to incoming flow rate.
 - 3 Pump is loud: Pump fixing may be loose or the connected cables and hoses may be vibrating against a hard surface.
 - 4 Outlet Pipe: Check pipe, and outlet barb are not blocked with debris or kinked.

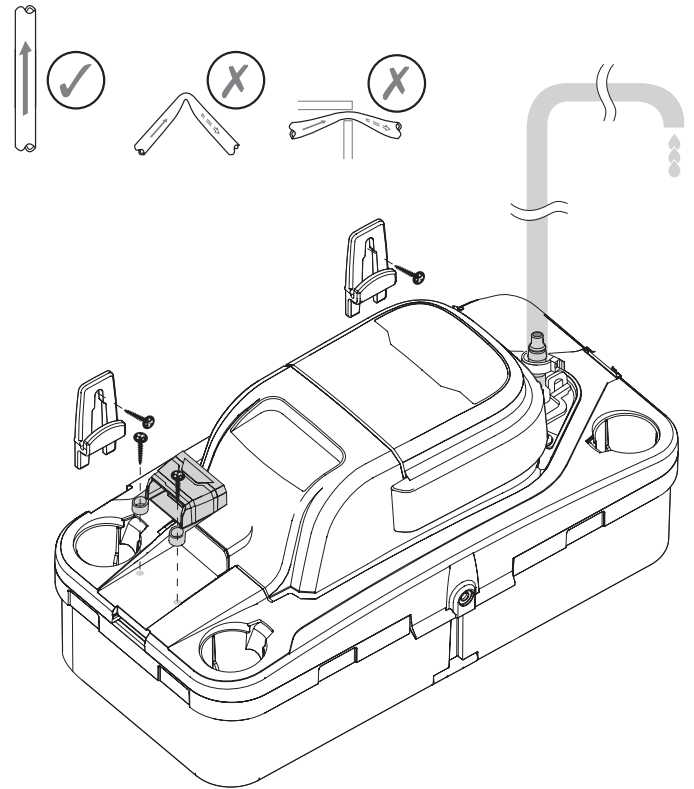
Boiler Condensate Pump - Installation Guide

INSTALLATION

This pump is designed to sit level on its base or be fitted level to a vertical surface.

⚠ IMPORTANT

- 1 This appliance should **ONLY** be fitted and serviced by a competent & qualified installer.
- 2 This appliance must be provided with means for disconnection that is incorporated into the fixed wiring in accordance with the relevant local wiring regulations.
- 3 If the supply cord is damaged the pump should be replaced.
- 4 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 5 **THIS APPLIANCE MUST BE EARTHED.**

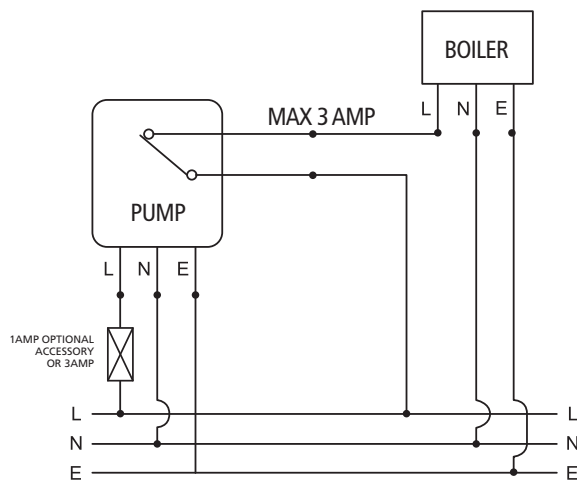


Electrical Connections:

Brown	Live
Blue	Neutral
Green/yellow	Earth
Black	N/C
Black	Common

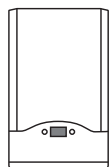
3A Hi-Level Safety Switch:

High level safety switch maximum is 3 Amp and **MUST** be fitted.

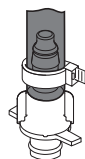


INSTALLATION CHECKLIST

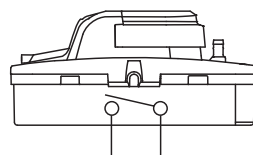
CHECK Suitable boiler capacity



CHECK Water tight connections



CHECK High water level safety switch



OPTIONAL

CHECK 1 Amp fuse installed



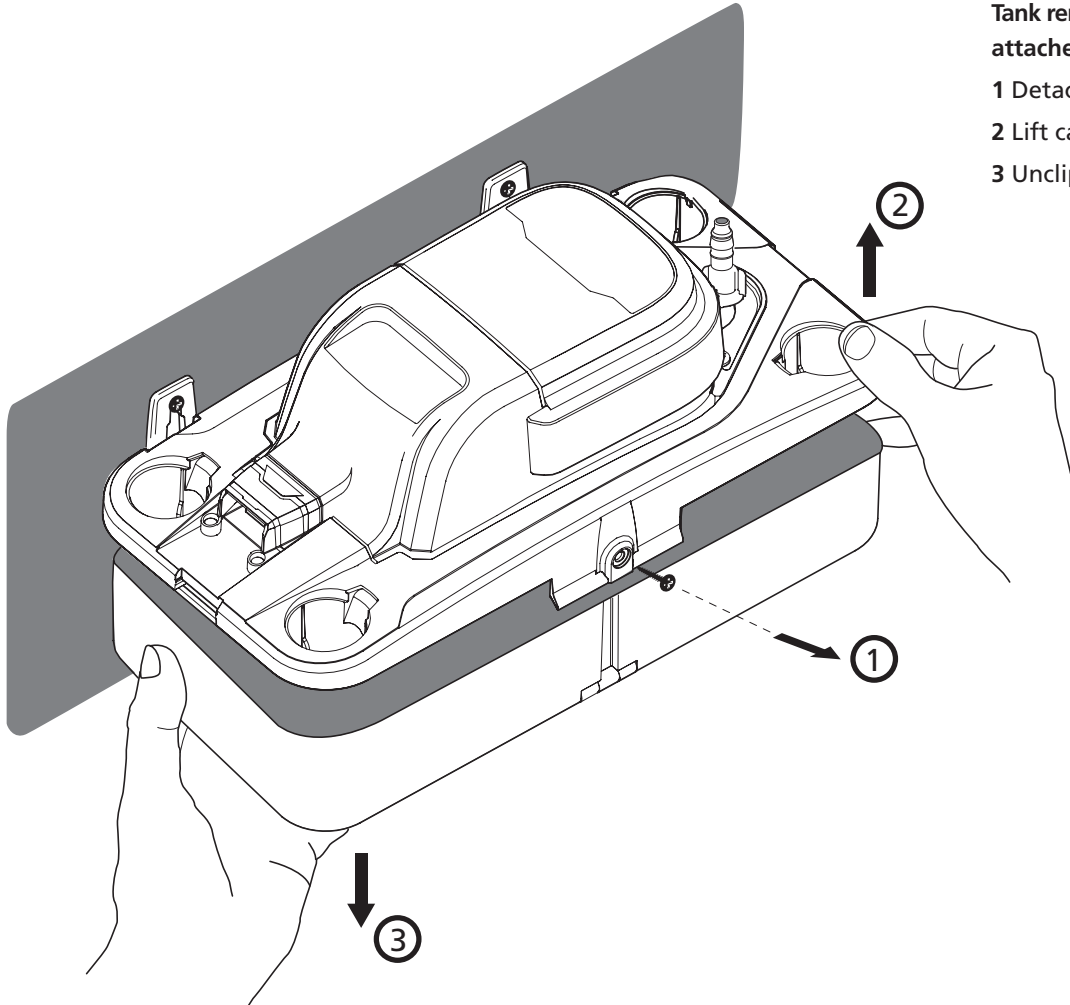
Wolseley code 684154

Boiler Condensate Pump - Installation Guide

MAINTENANCE



Disconnect the pump from the supply mains before carrying out user maintenance such as cleaning the filter.



Tank removal method when pump is attached to the wall

- 1 Detach tank from lid
- 2 Lift catch slightly from the front
- 3 Unclip tank and detach



WEEE directive warning

Meaning of crossed out wheeled dustbin

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.



For further information please telephone 0344 292 7060 or visit our website www.wolseley.co.uk

Information correct at the time of going to press.