

PATENT PENDING
Puracator



To the P-Trap and beyond!

PURACATOR® 'SF' MACHINE OPERATING MANUAL 2018



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Unit C, Lincoln Lodge Farm, Castlethorpe, Bucks MK19 7HJ

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ITEMS INCLUDED WITH THE PURACATOR 'SF' MACHINE:

- Puracator® Unit
- RCD Plug and Lead
- Protective Cover
- 25L Water Tank
- Water Connection Pipe
- Purascope® - Complete
- Spare Trace
- Waterproof Bag
- Operations Manual
- Remote Control

PURACATOR® 'SF' TECHNICAL SPEC

Specification Data

Dimensions	Height - mm	Width - mm	Length - mm
Weight	10.5 Kgs	Excluding water tank	
Power supply	240 volt 50 Hz		
Maximum loading	6 Amps		
Control circuit	12 v		
Cleaning pump capacity	5 Bar @ 3 Litres Per Minute		

We, Atrium GS Limited, Unit C, Lincoln Lodge Farm, Castlethorpe, MK19 7HJ, Telephone: 01908 511079 declare under our sole responsibility that the product declared as Puracator to which this declaration relates is in conformity with the following standards:

Low Voltage	2014/35/EU
Pressure Equipment	2014/68/EU

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Puracator® 'SF' Operating Manual

INTRODUCTION

Puracator® operates by the insertion of Purascope® into the drain as far as required/possible, and the cleaning/coating process is performed as it is withdrawn. The purpose of this is to ensure that all resulting waste is first broken down into smaller parts by the cleaning jet then washed down the drain again in smaller quantities. The opposite action of cleaning from the top of the drain down tends to create a 'ball' of growth/debris which is more difficult to remove and could cause blockages further down the waste outlet.

- Puracator® 'SF' is fitted with rubberised feet and top handle making it easy to lift and carry, and also has a protective cover. (Photo 1)
- Puracator® 'SF' comes complete with a separate 25 Litre water tank. (Photo 2)
- Puracator® is fitted with a remote controller which will operate the unit when the operator is unable to reach the switch on the front of the unit. (Photo 3)

Once the unit is operated from the remote control, then the remote is required to discontinue the function.

APPLICATIONS

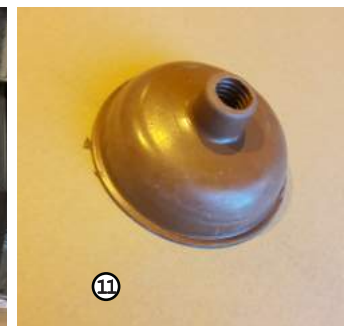
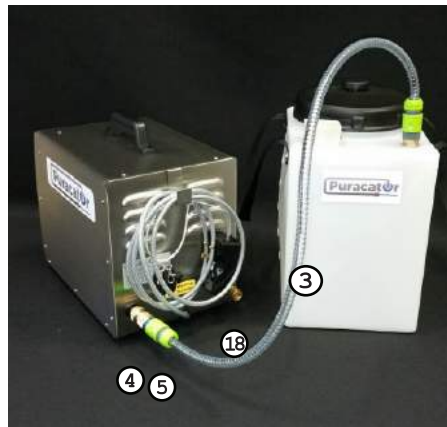
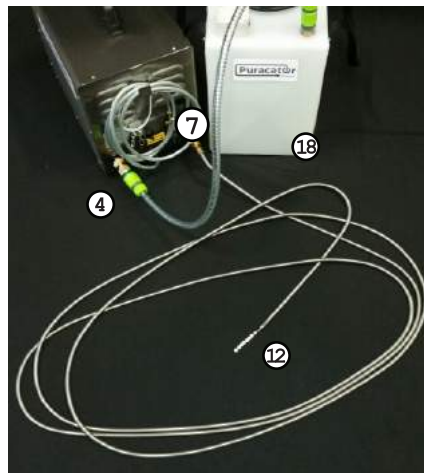
Puracator® is capable of delivering a selection of applications if required to do so which include:-

- Clean water pressure cleaning either cold or up to a heat of 50°C.
- Cleaning fluid either general purpose or biological. These products may be either added to the water in the water tank and applied under the 'cleaning' process, or applied as a coating using the coating process.
- A growth/bacteria inhibitor which may be either a biocide or a biological solution. This would be applied with the ready to use chemical in an additional water tank.



PHOTO KEY TO PURACATOR® 'SF'

1. Water Tank
2. Water Level Indicator
3. Water hose
4. Quick release coupling
5. Back Connection - Water
6. RCD electrical/inlet supply
7. Mains Switch (back of unit)
8. Orange Mains LED Light
9. Operating Switch
10. Remote Control
11. Bell/Rubber Seal
12. Purascope/Nozzle
13. Operating Light
14. Hour Meter
15. Lifting Straps
16. Unit Cover
17. Waterproof Hose Bag
18. Back Connection - Scope



PURACATOR[®] 'SF' - BEFORE USE

1. Safety equipment and Personal Protection Equipment should be available and used as appropriate.
2. Ensure the Puracator[®] 'SF' is standing on a stable surface.

PURACATOR[®] 'SF' - SET UP

3. The water tank (1) should be filled to the level indicated and additional water supply available if the extent of work requires it. A low water level indicator (2) is provided which sounds when additional water is required. An additional 50 Litre Puracator[®] bowser is available if required.
4. Ensure the flexible water hose (3) with quick release coupling (4) is connected from the top of the water tank to the back connection on Puracator[®] 'SF' (5).
5. Any cleaning or coating material should be supplied to the Puracator[®] 'SF' through the same connection/tank.
6. Ensure an RCD protected power supply is available and connected to the Puracator[®] 'SF' inlet supply (6) checking the RCD is reset.
7. The Mains switch (7) on the rear of the unit is switched to the 'on' position.
8. When power is successfully supplied to Puracator[®] 'SF' the orange LED light (8) on the front control panel of the unit is illuminated (mains light)
9. Ensure Purascope[®] is connected to the outlet on the rear of the unit (18) and that the trace (12) is tight in the nozzle.
10. The Puracator[®] 'SF' is now ready to be operated either using the switch on the front (9) of the unit or the remote control (10).

PURACATOR[®] 'SF' - HOW TO USE

10. Ensure the 'Remote Control' is readily available. It is supplied with a lanyard to allow its suspension around the neck for easy use.
11. Gain access to the drain point to be cleaned.
12. Ensure the Puracator[®] 'SF' is powered on and that the light on the front panel is illuminated (8).
13. Enter the Purascope[®] nozzle (12) into the drain access point and introduce it gently but firmly with short backwards and forwards movements progressing the introduction of the scope into the drain with each movement.
14. Continue this process until Purascope[®] is to the desired position in the drain. Commence the cleaning operation by using either the switch on the front panel of the Puracator[®] 'SF' (9) or the remote control (10) and gently withdraw Purascope[®] using backward and forward movements to ensure complete cleaning is achieved.
15. To avoid 'over spray' when the Purascope[®] is withdrawn from the drain access point, it is recommended that the Purascope[®] nozzle is passed through a rubber seal (11) before being entered into the drain access point.
16. Terminate the process as soon as the Purascope[®] nozzle has returned to the drain access point.
17. By changing the liquid in the water tank or by the procurement of additional tanks, alternative processes can be employed.

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