



Stanbridge Ltd
Leaders in Infection Control

CS2 ST WASHER DISINFECTOR



INSTALLATION MANUAL

DELIVERY

- For safety in transport, this machine is screwed to a wooden pallet, covered with bubble wrap, boxed with a strong corrugated carton and secured with static wrapping tape.
- A copy of the machine installation and operating manual is placed on top of the machine and should be read before attempting to install or operate the machine. Please leave the operation manual with the machine.
- Two keys to operate the override key switch on the control panel are attached to the rear bar of the machine. Please keep these in a safe place.
- All Stanbridge products are thoroughly tested prior to despatch. A factory test certificate relevant to this Bedpan Washer/Disinfector is enclosed.
- It is essential that this machine is not used until all installation checks have been carried out.

WARNING

- Please read this manual before attempting to operate Bedpan Washer/Disinfector.
- It is essential that the electrical supply is NOT connected to the Bedpan Washer/Disinfector until the Bedpan Washer/Disinfector has been placed in its permanent position and all the connections to water supply, soil system and Deoscale system have been carried out.
- External pipework should be flushed through and siphoned to waste to prevent plumbers waste, pipe thread swarf and sealing compound from entering the inlet valves and other components within the equipment, The tank cover must be left in place (except where it is essential to remove it) to prevent builders' dirt and foreign particles falling into the tank and contaminating the Bedpan Washer/Disinfector via the water system.

N.B: Damage caused by the ingress of foreign particles is not covered under warranty

It is strongly recommended that the Bedpan Washer/Disinfector is installed by a Stanbridge approved Service Engineer

**THE WARRANTY WILL BECOME INVALID IF THE
INSTALLATION PRECAUTIONS ARE NOT ADHERED TO**



PRE -INSTALLATION INSTRUCTIONS

- 1) Remove outer packaging.
- 2) Remove the four machine screws from the front panel and lift clear of the machine. The foot pedal will remain attached to the machine.
- 3) Remove the screws at the rear edge of the side panels, remove panels and place all panels and screws in a safe area to avoid loss or damage.
- 4) Unscrew machine from pallet and place it in its approximate final position. Remove the Deoscale from its carrier at the rear of the machine and place by the side of the equipment.
- 5) Open the door by hand by pushing the solenoid armature situated just off Centre to the right behind the machine instrument strip.
- 6) Remove any loose parts from inside the chamber.
- 7) The load carrier for holding utensils etc. may be tied to the washing jets with a plastic cable tie to avoid damage in transit. Cut the cable tie and allow cage to hang from the eyebolts inside the chamber.
- 8) Place machine in its correct position ensuring that it is level, and is well placed for the water, soil and power services within the room.

**Please ensure that when a Deoscale Dosing Unit is fitted the pipework is placed in the bottle.
Please see page 7 for full instructions.**



INSTALLATION – Part 1

The machine will have a single break tank which conforms to Type 'AB' air gap requirements of WRAS. The machine can be connected to the "mains" supply. Water pressures up to 200 p.s.i. - Minimum flow of 0.2 lt/sec (2.7 gal/min). (Fig 01)

Water feeds should be run in 15mm pipe (22mm in low pressure areas) to an isolation valve. A suitable flexible hose must be used to connect to the inlet valve

(inlet valves have a 3/4" B.S.P thread fitting. NOTE: Connection must be made using a "tap connection"). (Fig 02)



Isolation valves must be in an obvious and easily accessible position within one metre of the machine. Service valves are required by the water by-laws to isolate the equipment if necessary.

Run and connect overflows. The break tank has an overflow hole of 27mm diameter designed to take 3/4" overflow fitting. The fitting is to be fastened in the tank with a "back nut" (Fig 03) and pipe run continued in solvent welded pipe and fittings. Overflow pipework must run continuously downward. Overflows must not connect direct into other pipe work i.e.; The overflow end must be visible (fig 04) and should either discharge onto the floor into a trapped tundish or through an exterior wall.

DO NOT connect the overflow directly to the soil pipe.

INSTALLATION – Part 2: Soil Pipe Connection

The connection is created using appropriate plumbing pipe and/or connectors to form a 3" 'P' or 'S' trap, which is then connected to a 4" drain or soil stack using an adequate reducer.

82mm 3" 'P' or 'S' Trap.

The machine chamber terminates with a 3" stainless steel tube which connects to an 82mm plastic trap by means of a heavy-duty rubber coupling. The actual trap 'P' or 'S' and its position will have been determined at the selection and ordering stage of the contract.

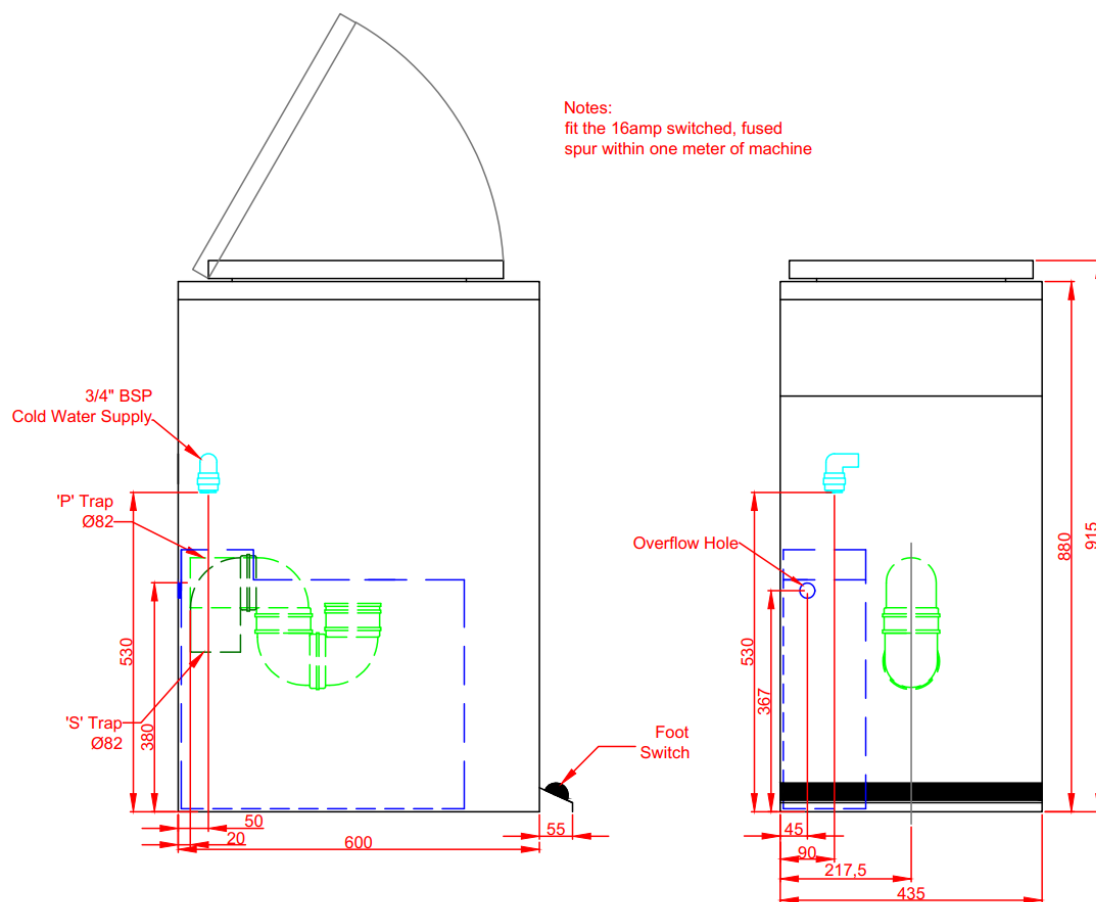
S TRAP



P TRAP



INSTALLATION – Part 2 continued: Soil Pipe Trap Heights



INSTALLATION – Part 3: Electrical Connection

The machine should be connected to a 16amp Neon Safety Fused Isolating Switch with at least 3.0mm disconnection in all poles (NOT A PLUG AND SOCKET) located within 1 metre of the machine and 1 metre above floor level. The electric supply must have a visible isolation switch.

- ☐ **230 V 50Hz 16A single phase**
- ☐ **Fuse - mains 16A - control 5A**
- ☐ **Steam generator 3.0kW**
- ☐ **Pump 0.37kW**
- ☐ **Consumption 0.21kWH per cycle av.**

Check that all internal earths are secure, and the supply cable earth conductor is securely in place. No external earth bonding is required.

Please ensure isolation switch is easily accessible at all times in case of emergency



INSTALLATION – Part 4: Deoscale Fluid

- ☐ The Deoscale Dosing Unit is located at the front of the machine. The tube is fastened with a cable tie (*Fig 01*).
- ☐ Please remove the cable tie and thread the pipe through to the back of the machine
- ☐ Position the Deoscale fluid in the white cage in a safe place either on the floor next to the machine or fixed to the wall (*Fig 2*).
- ☐ Remove the white weight and the black filter from the clear tube (*Fig 3*).
- ☐ The tube needs to reach from the Bedpan Washer/Disinfector to the bottom of the Deoscale fluid bottle. Cut the tube to the required length.
- ☐ Unscrew the white cap from the top of the deoscale bottle. Make a hole in it large enough to take the clear tube used to feed the deoscale into the tank.
- ☐ Feed the clear pipe through the hole in the white cap and replace the white weight and the black filter back onto the tube. (*Fig 04*)
- ☐ Feed the tube with the weight attached into the deoscale fluid bottle and screw the cap back onto the bottle.
- ☐ Remove any kinks or obstructions in the pipe .Check fluid is flowing through the pipe when machine is fully operational. (*Fig 05*)



DEOSCALE DATA SHEETS AVAILABLE ON REQUEST

INSTALLATION – Part 5

Screw the side and front panels back onto the Bedpan Washer/Disinfector and start the machine.

For further information or support relating to operation please refer to the Stanbridge Operation Manual for this model.



SPECIFICATION

		INSTALLATION	SHIPPING
SIZE OVERALL	Height: Width: Depth:	915mm 435mm 655mm	1090mm 490mm 710mm
WEIGHTS		84.5 kg (186lbs) Tanks Full	77.5 kg (170lbs)
WATER	Supply: Connection: Minimum Flow: Max Pressure: Temperature: Total Consumption:	Cold 3/4" bsp male parallel 0.34 litres per second 413kPa (60p.s.i.) Cold 25.5 litres per cycle	Ambient/Dry
OVERFLOW	1 x 19mm (3/4") bore. End must be visible (BS EN ISO 15883-1 requirement). Pipework by client.		
STEAM SUPPLY	Verticle internal steam generator at atmospheric pressure.		
CHAMBER EXHAUST	Internal venting system.		
WASTE	82mm (3") 'P' or 'S' trap		
ELECTRICAL	230v 50Hz 16A single phase Fuse - Mains 16A - Control 5A Steam Generator Heater 3kW Pump 0.37kW Consumption 0.21kWh per cycle (average)		
WASHING CYCLES	• Bottle Wash = Wash - Disinfection at over 80° C for 70 seconds - Rinse to cool utensils. • Pan Wash = Pre-Flush Wash - Wash - Disinfection at over 80° C for 70 seconds - Rinse to cool utensils		
INSTRUMENTATION PANEL	Normal and Super Wash Button, Digital Temperature Indicator, Override Key Switch - Cycle Indication Lights for Wash, Steam, Hold and Cycle Complete		
CHAMBER	Top opening by foot action for hands free loading		
UTENSIL CARRIER	Fixed for one of the following: 1 x Urine Bottle 2x Stanbridge Slipper Pan 2 x Stanbridge Commode Insert Pan 2 x Stanbridge In Bed Pan 2 x Commode Pot and Lid		
OPTIONS	Deoscale Dosing System for wash aid and scale control. Utensil Adapter Carriers.		

We have a policy of continuous product improvement and changes may occur without notification.



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