



**Stanbridge Ltd**  
Leaders in Infection Control

# SLIMLINE WASHER DISINFECTOR



**INSTALLATION MANUAL**

## WARNING

- Please read installation details before attempting to run the machine.
- It is essential that no power is connected until all the detailed instructions necessary for the safe installation have been carried out.
- Prior to installation, it is important that the lids and tank covers are left in place (except where it is essential to remove them); otherwise, foreign particles (scale, builder's dirt, etc.) can contaminate the machine and have a negative effect on the valves, pumps and steam generator.
- **PLEASE REMOVE THE DEOSCALE FLUID BOTTLE AND CAGE FROM THE BACK OF THE MACHINE AND PLACE NEXT TO THE MACHINE READY FOR CONNECTION. FULL DETAILS ON PAGE 7.**
- External pipe work should be flushed through and siphoned to waste before the machine is started up to prevent plumbers waste, pipe thread swarf and sealing compound from entering the inlet valve and system.
- Water quality should be checked as scaling and ingress of foreign particles are not covered by the warranty.
- Please see Appendix at the back of this manual for the Factory Test Certificate relevant to this machine.
- All Stanbridge products are thoroughly tested prior to dispatch. Each machine is subjected to operational tests.

## DELIVERY

- For safety in transport, this machine is screwed to a wooden pallet, covered with bubble wrap, boxed with a strong corrugated carton and strapped to a wooden pallet.
- 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 taped to the rear bar of the machine. Please keep these in a safe place.
- It is essential that this machine is not used until all installation checks have been carried out.

**It is strongly recommended that the machine is installed by a Stanbridge approved Service Engineer.**

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



## INSTALLATION INSTRUCTIONS

- 1) Remove outer packaging.
- 2) Remove the four machine screws from the front panel and lift clear of the machine. Slimline machines have two front panels, both of these should be removed, each is held on by four screws. 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.
- 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. Some cages are fixed.
- 8) Place machine in its correct position ensuring that it is level. Connect the machine to the waste pipe by an approved method.

The machine chamber terminated 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.

The machine can be screwed to the floor providing there are no underfloor obstructions i.e. "underfloor heating". Alternatively, it may be firmly screwed to the wall using the holes provided.

Note: Check position of services prior to fixing.

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



## CONNECTING THE WATER SUPPLY

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).

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 valves (inlet valves have a 3/4" B.S.P thread fitting. NOTE: Connection must be made using a connector as shown in the picture.

*Here is an example of correct water inlet connection;*



## ISOLATION VALVES

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.

It is essential that all piping is flushed clear before connecting to the float valve.

Run and connect overflows. Each 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" and pipe run continued in solvent welded pipe and fittings. Overflow work must run continuously downward. Overflows must not connect direct into other pipe work i.e.; each overflow end must be visible and should either discharge onto the floor into a trapped tundish or through wall to outside. DO NOT connect to soil pipe.

*Here is an example of correct overflow connection being discharge into tundish:*



## 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.

- 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 that they supply cable earth conductor is securely in place. No external earth bonding is required.

**PLEASE ENSURE ISOLATION SWITCH IS EASILY ACCESSIBLE IN CASE OF EMERGENCY**



## SOIL PIPE CONNECTION

The connection is made by a 3" 'P' or 'S' trap which should be connected to a 4" drain or soil stack using an adequate restrictor.

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



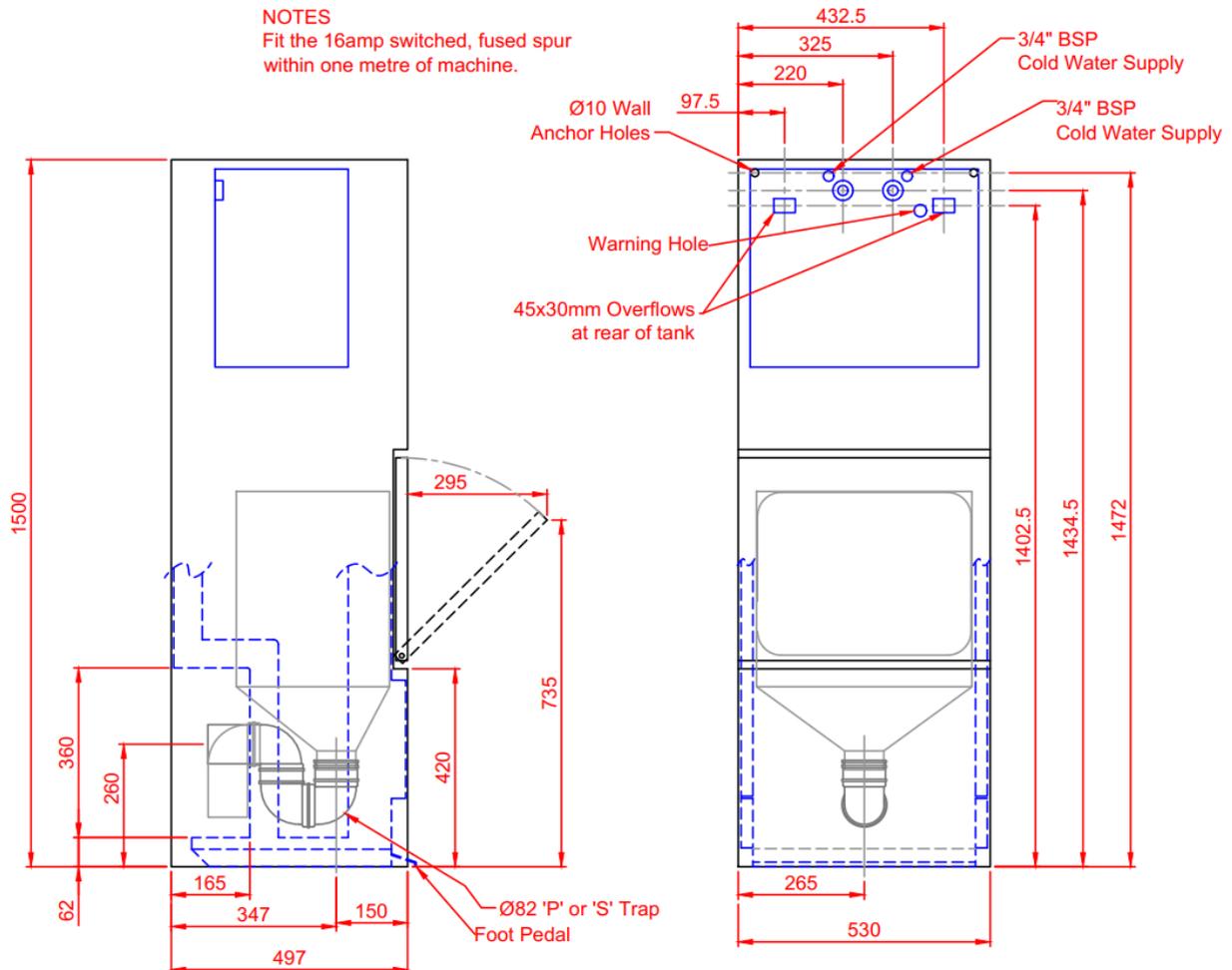
S Trap



P Trap

## SOIL PIPE - TRAP HEIGHTS

**NOTES**  
Fit the 16amp switched, fused spur within one metre of machine.



## DEOSCALE DOSING UNIT CONFIGURATION

01



The pipe for the Deoscale Dosing Unit is located at the rear of the machine and fastened with a cable tie.

02



Please remove the cable tie and thread the pipe through to the back of the machine as detailed.

03



Place the Deoscale fluid in the white cage supplied and secure as displayed.

04

Position the Deoscale in a safe place either on the floor next to the machine or fixed to the wall.

05



Make hole in the Deoscale lid and feed pipe down to bottom of bottle.

06

Remove any kinks or obstructions in the pipe (shorten pipe if necessary).

07

Please check the fluid is dispensing when testing the installation of the machine.

DEOSCALE DATA SHEETS AVAILABLE ON REQUEST



## SPECIFICATION

		INSTALLATION	SHIPPING
<b>SIZE OVERALL</b>	Height: Width: Depth:	1500mm 530mm 497mm	1702mm 707mm 630mm
<b>WEIGHTS</b>		111 kg (245lbs) Tanks Full	105 kg (231lbs)
<b>WATER</b>	Supply: Connection: Minimum Flow: Max Pressure: Temperature: Total Consumption:	Cold 2x 3/4" bsp male parallel 0.90 litres per second 413kPa (60p.s.i.) Cold 35 litres per cycle	Ambient/Dry
<b>OVERFLOW</b>	1 x 19mm (3/4") bore. End must be visible (BS EN ISO 15883-1 requirement). Pipework by client.		
<b>STEAM SUPPLY</b>	Verticle internal steam generator at atmospheric pressure.		
<b>CHAMBER EXHAUST</b>	Internal venting system.		
<b>WASTE</b>	82mm (3") 'P' or 'S' trap		
<b>ELECTRICAL</b>	230v 50Hz 16A single phase Fuse - Mains 16A - Control 5A Steam Generator Heater 3kW Pump 0.37kW Consumption 0.21kWH per cycle (average)		
<b>WASHING CYCLES</b>	<ul style="list-style-type: none"> <li>• Bottle Wash = Wash - Disinfection at over 80° C for 70 seconds - Rinse to cool utensils.</li> <li>• Pan Wash = Pre-Flush Wash - Wash - Disinfection at over 80° C for 70 seconds - Rinse to cool utensils</li> </ul>		
<b>INSTRUMENTATION PANEL</b>	Normal and Super Wash Button, Digital Temperature Indicator, Override Key Switch - Cycle Indication Lights for Wash, Steam, Hold and Cycle Complete		
<b>CHAMBER</b>	Top opening by foot action for hands free loading		
<b>UTENSIL CARRIER</b>	Fixed for one of the following: 2 x Urine Bottle 1 x Stanbridge Slipper Pan 1 x Stanbridge Commode Insert Pan 1 x Stanbridge In Bed Pan 1 x Commode Pot and Lid		
<b>OPTIONS</b>	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.



# CONTACT DETAILS



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