

HYGIENE CLEAN

FEATURES;

- Concealed.
- Easy to install.
- Flush interval adjustment.
- Flush duration adjustment.
- Battery or Mains power source.
- Recommended for urinal pods and slab urinals.



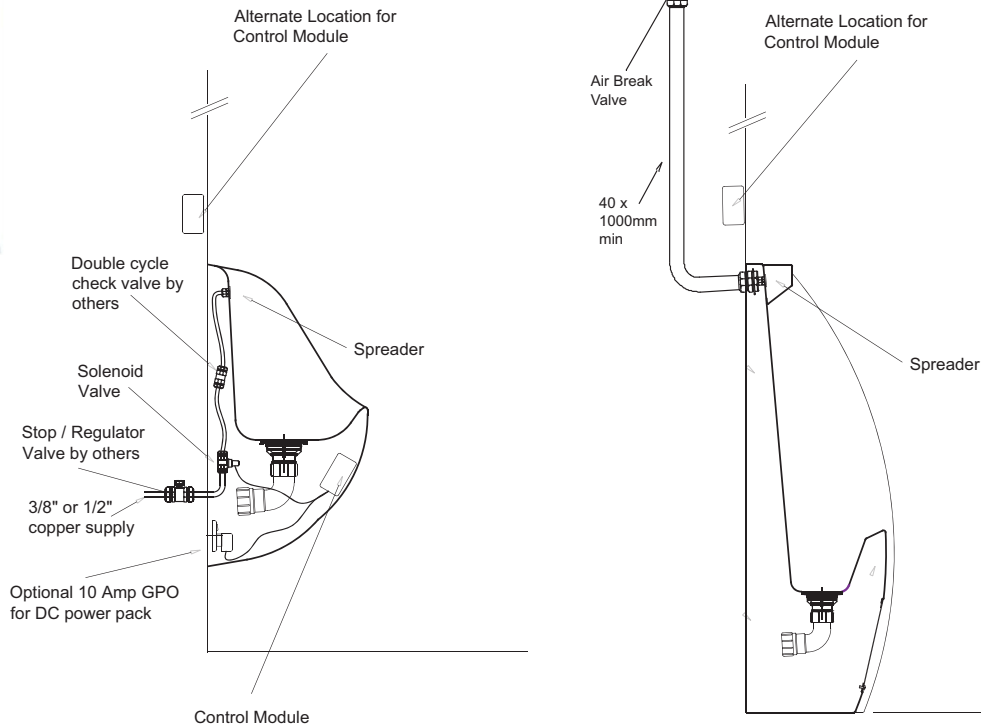
Optional AC Adaptor

The **BRITEX Hygiene Clean** has been developed by Britex to enable periodic cleaning of urinals using minimal water.

Fully programmable flush times as well as water flow, ensuring efficient, hygienic cleaning of the urinal. The unit is available as Electrical Mains Supply or Battery Operated.

BRITEX

PRODUCT CODE:

FHC**Cleaning Period**

- 2 Seconds Per 600mm
- Urinal up to 1200mm

Cleaning Interval

- 6, 8, 12, 24 Hrs

SPECIFICATIONS

When specifying this product, please include the following details;

- Product **Name** and **Model No.**
- Battery or Mains Power.

OPTIONS

- Multiple units.

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BRITEX SINCE 1938
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Represented in all states of Australia, throughout Asia and the Pacific Regions.

All product manufacturing by **BRITEX** can be adapted to suit your special application.

Allow 5mm tolerance for setout dimensions given in these drawings. Details accurate at time of print.

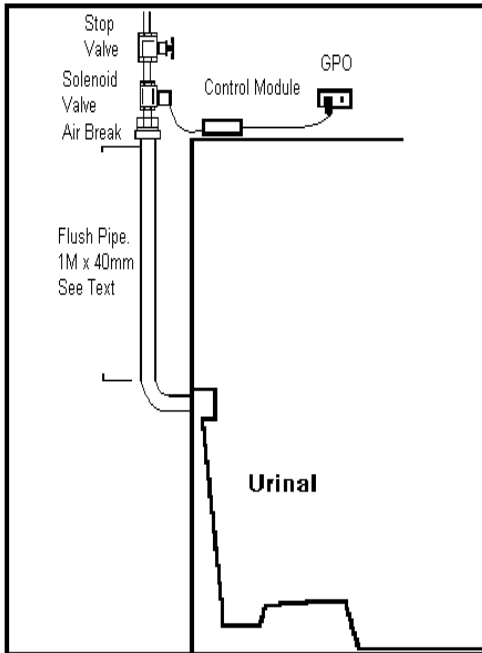
As **BRITEX** is always committed to improving on design and quality, it is possible that some details may alter without notice.

BRITEX HYGIENE CLEAN

INSTALLATION INSTRUCTIONS. READ FIRST!!!

Mains Powered Periodic Flusher for Waterless Urinals. Model No. FHC-1, FHC-2 & FHC-3.

Mr. Plumber: Please ensure these instructions are left for the owner/operator as they contain important information.



HYGIENE CLEAN consists of a Control Module, a power pack and one, two or three solenoid valves & air break valves, depending on the model, to be installed to the water supply to the urinal or urinals. The 24VAC plug pack requires a normal 240VAC power outlet close to the urinal, usually in the ceiling space. The plumbing of the unit must meet the requirements of the local authority. Please check their requirements if you are unsure.

Sufficient water **pressure & flow** must be available to properly wash the urinal. A 15mm NB copper tube or equivalent should be used to supply the solenoid valve. All fittings must be full bore & the supply not restricted by passing through smaller supply lines or under size fittings. Debris fouling the internals of the solenoid valves & holding it open is the most common problem with mains pressure installations. **A water filter is strongly recommended to prevent debris fouling the solenoid valve.**

The solenoid valve & air break for each flush pipe are best placed in the ceiling space above each urinal flush pipe connection. A shut off valve & access to the solenoid valves & control module must be provided for maintenance.

For each flush pipe, at least 1M of 40mm DN pipe is required. **Note that if flow onto the urinal is restricted & the flush pipe fills with water, overflow through the air break can occur.** Install the air break device vertically, on the top of the flush pipe at least 1M above the sparge. Install the solenoid valve directly to the air break or in some convenient position nearby & complete the plumbing connections. Note that the flush pipe acts as a reservoir where the water relaxes, losing pressure & velocity before flowing onto the urinal surface. Place the control module on the ceiling near

the flush pipe(s) so that the connecting cables can reach the solenoid valve(s) & power outlet.

The power pack connects to the control module by the white plastic 3 pin plug & socket. The solenoid valves are connected using the red quick connects on the end of the long lead(s). The solenoid valves are not polarity conscious. Place the control module in the ceiling space above the urinal where it will be secure & remain dry. **Water will destroy the unit.**

Starting the Unit. When power is connected to the unit, it will flush once after a 16 second delay & then go into it's selected program. **The unit is shipped configured to flush for 6 seconds every 6 hours.** If more than one solenoid valve is installed, each valve will open & complete its flush, one after the other, until the flush sequence is complete. To cause a flush at any time, remove the power for 5 seconds & then reconnect the control module. The unit will enter the flush sequence 16 seconds after the power is re-connected.

Configuration. The control module can be re-programmed to flush as required by setting miniature switches located inside the module on the printed circuit board. The period of time between each flush can be set to any of 4, 6, 8 or 12 hours. The time the valve is held open & therefore the amount of water delivered to wash the urinal with each flush can be set to , 4, 6, 8 or 12 seconds.

Access to the Control Module. Disconnect the module for the power pack. Access to the configuration switches is gained by removing the 4 screws in the lid of the module. Once the lid is removed, gently swing the printed circuit board out of its case, taking care not to damage the components.

Configuring the Module Timing. Fixed to the case of the control module are instructions in configuring the timing of the control module. A copy of these instructions is shown below. Study the information to ensure you understand the operation of the switches. Locate the 4 miniature switches on the circuit assembly. Study the switches to familiarise yourself with their numbering & present position. Using a suitable tool very gently move the switches into the required positions. Once happy with your settings, reassemble the module & plug it into the power pack. Note that 16 seconds after re-connecting the power, the unit will flush once & then assume its selected operating program.

Sw 1 & 2	Flush Duration	Sw 3 & 4	Flush Interval
<input checked="" type="checkbox"/> on	2 secs	<input checked="" type="checkbox"/> on	4 hours
<input checked="" type="checkbox"/> on	4 secs	<input checked="" type="checkbox"/> on	6 hours
<input checked="" type="checkbox"/> on	6 secs	<input checked="" type="checkbox"/> on	12 hours
<input checked="" type="checkbox"/> on	8 secs	<input checked="" type="checkbox"/> on	24 hours

The interval between each flush and the duration of the flush is set using small switches on the circuit assembly. Switches 1 and 2 control the flush duration, switches 3 and 4 control the interval between each flush. The black square indicates the position of the switch heads. To access the switches, remove the power, undo the 4 screws in the cover, remove the lid & lift the assembly carefully from the case. Set the switches, assemble the box & re-connect the unit. It will flush once & then assume the selected program.

Warranty. A faulty unit will be replaced free if found to be faulty due to bad materials or workmanship during the first year of operation. The faulty unit must be returned to supplier, freight prepaid for inspection and replacement.