



Semi Automatic  
Public Conveniences

  
healthmatic

## The Semi Automatic

The Semi Automatic toilet provides the user with the comfort of an “at home” toilet but the cleanliness and robustness of an APC (Automatic Public Convenience). It has the key features of a modern toilet, direct access and no touch systems, and the efficiency to clean of a modular cubicle.



It is the best option to choose for a public toilet which will have regular to high usage in a busy area. The most popular locations are on the edge of car parks between the parking area and the high street, and in busy parks. They do not tend to suit quiet locations - where you are better off with an APC - or shopping centres where greater provision is often needed.

Why install Healthmatic Semi Automatic toilets:

- The cost of cleaning and maintaining a set of Semi Automatic toilets will be significantly less than a comparable traditional toilet
- Cleaning is easier due to no lobby area and regular shaped cubicles
- The lack of lobby and the robust design leads directly to lower anti social behaviour and vandalism
- Lower utility usage due to cubicle management systems only lighting and heating areas when in use or required
- It creates a reasonable opportunity for the authority to level a charge for the service
  - The upgrade of the toilet means that most people will be happy to pay a small fee for usage
  - The raising of the revenue will help contribute towards the costs of running the new service
- Healthmatic have installed over 500 cubicles across the UK and Ireland and they will usually form an important part of the management package which we propose for councils. They will typically be the most efficient capital/running cost combination and are always popular with user groups.



## Cleaning and Maintenance

The toilet will be set to open and close and pre determined times of day. Depending on your specification, these times can be varied over the internet.

Semi Automatic toilets are exceptionally easy to clean as they have no nooks and crannies, and have large and strategically located round or lateral drains. Cleaning needs to be done between once and three times per day depending on usage. We would recommend that the toilet is cleaned once per 30 uses of a cubicle.

Maintenance is necessary to ensure efficient operation of the door and systems. A schedule of six visits per annum for preventative maintenance is standard, with 24 hour call out for problems. The most common issues revolve around minor vandalism to the door and entry mechanisms.



## Features

**Walls** Tiled or in laminate depending on client choice. Tiles tend to be more attractive, but can be more susceptible to vandalism.

**DDA and M Regs** All sets of toilets will have one accessible cubicle with the necessary features for the DDA. This includes radar key access, full alarm systems and safety features.

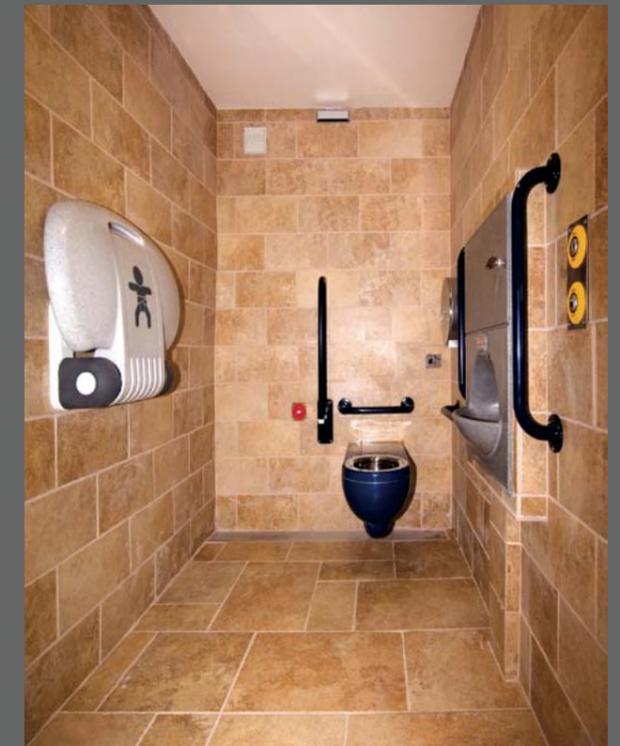
**No Touch Flush and Handwash** We fit wave flush and automatic hand washer dryers in all our toilets. This is the most efficient approach from both an environmental and economic approach. It also answers the issue most people raise in toilets of not wishing to touch anything.

**Babychange** This can be fitted into just the accessible or all of the cubicles.

**Toilet Pan** We fit a range of toilets, some self cleaning, some with a seat and others with a moulded rim. The self cleaning is surprisingly good value and provides the best option.

**Doors** Healthmatic have mostly installed specifically designed swing doors. They incorporate the management system for the toilet and will trigger the majority of the systems that run in the cubicle. Some councils prefer to use sliding doors, and this is often a good option for the accessible cubicle.

**Entry** Direct access cubicles tend to charge 20p per use, but this will vary from free to 50p. Four cubicles in a busy area will handle 60,000 per year, and at 20p this equates to £12,000 of income. Slippage, non payment and general cheating by the public normally mean we expect £10,000.



**Floor** The Floor needs to be robust and non-slip. Tiles are the best option with either a lateral or circular drain towards the back of the cubicle.

**Unisex** Most of our clients opt for the cubicles to be unisex, but some will want separation. This can easily be changed at any time by changing the symbols on the door.



## How Many Cubicles?

In order to identify the right number of cubicles, it is important to have a good idea of usage of the previous block, or where this is a new build, some plan of the footfall.

Previous Usage	Charge - Free	Number of Semi Automatic Cubicles required	
		Charge 20p	Charge 50p
250000	6	5	3
150000	5	4	2
75000	4	3	2

## Installation Options

### Inbuild to Existing Block

Many clients already have buildings in reasonable condition. We can easily retrofit the cubicles into existing toilet blocks

The most important aspect to consider is whether the toilet block is still in the right position given demographic and movement changes within an area. Don't just use a block "because its there" - there must be purpose to it.

Secondly, we can advise you on the condition and aspect of the block. It is often more efficient to knock it down and start again.



### New Build

With a range of different environments to cater for, streets, parks, modern and traditional architecture, Healthmatic works with most building materials to create the desired result.

Building around a steel frame, we can clad our buildings in any appropriate material and can adapt our roofing to the environs. We have installed toilets in the most sensitive rural situations as well as city centres, as our team can advise you on what is feasible in different locations.

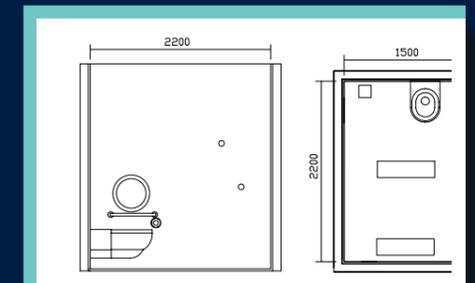


We regular install direct access cubicles in conjunction with an attended facility. This gives the owner of the toilet the option to close the main block during off peak periods, but keep toilet facilities available for the public.

## Technical Specifications

### CUBICLE

- Walls - tile or trespa virtuon
- Floor - non-slip tile
- WC pan standard or self cleaning seat
- Automatic hand-wash unit with warm water, soap dispenser, hand dryer
- Recessed toilet roll holder and waste paper basket
- Disabled alarm connected to an exterior alarm lamp (DDA only)
- Toughened glass mirror
- Fold-away, wall-mounted hand rails and grab rails in accordance with Part M of the Building Regulations 2004 (DDA only)
- 2Nr chromium-plated coat pegs, pop riveted
- Baby-change table (option)
- Sharp chute (option)



### DOOR

- High security vandal resistant door
- Solid powder coated or clad specified material
- Porthole (option)
- Finger guards fitted to all doors
- Door hinge / closer performance designed to withstand misuse
- MAG locks for user safety and emergency exit
- Hidden reinforced self-closer with remote lock timing and built-in handle
- Disabled cubicle door fitted internally with full width pull handle
- Occupancy sensor with timed display and audible warning

### SERVICE AREA

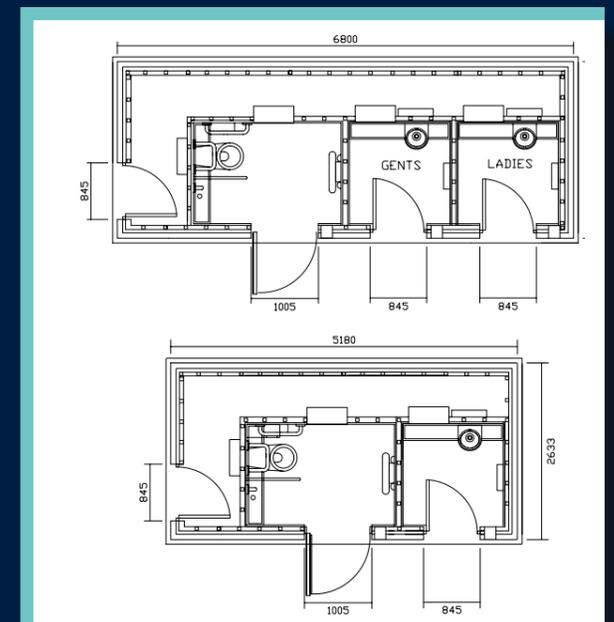
- Stainless steel cleaner's sink
- Hose with flushing nozzle
- 40 Litre electrical water heater with mixing tap

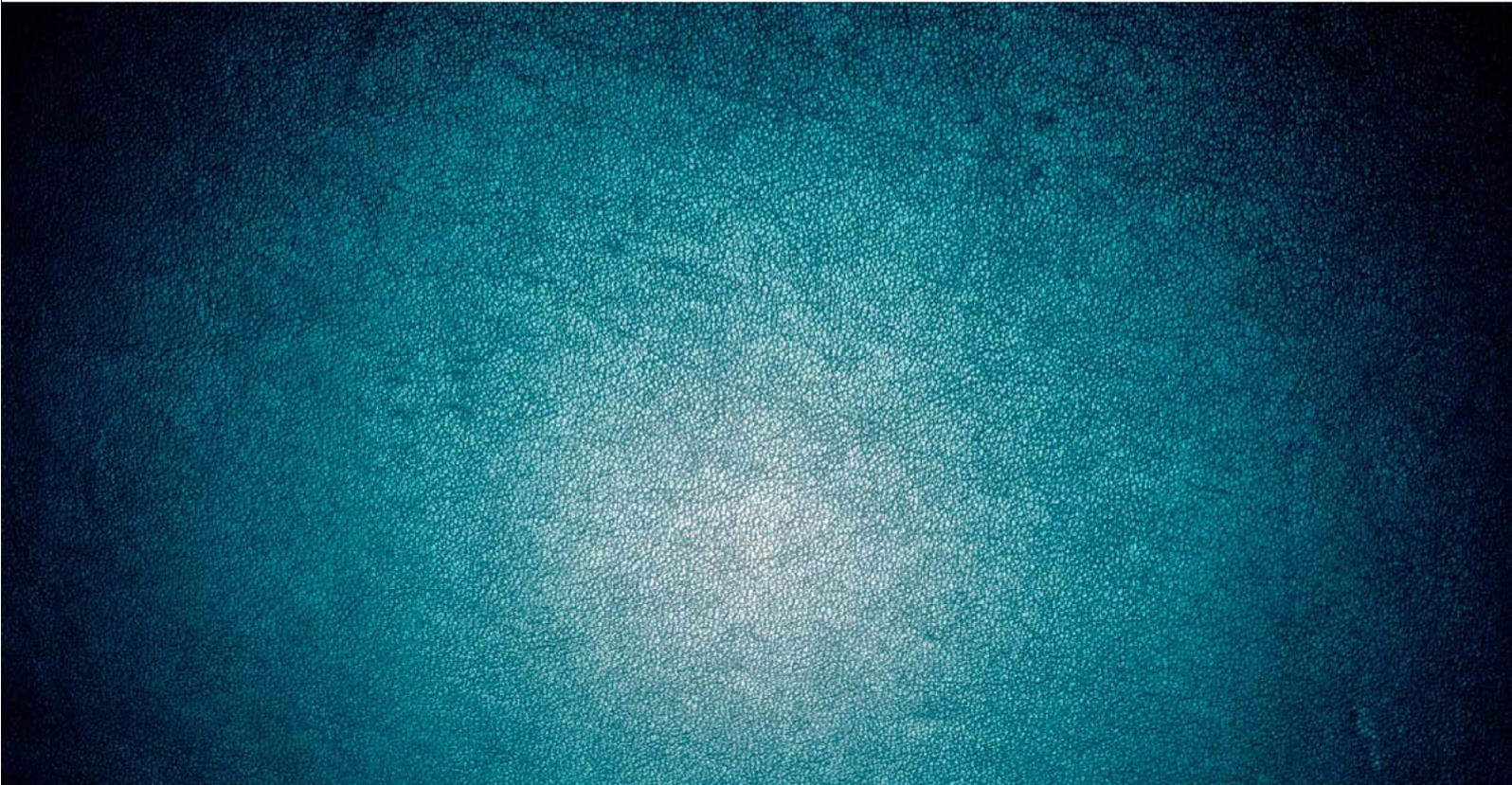
### M&E

- 15 KVA supply mains power supply located in service room
- 2kW fan heater to service room
- Incoming water service 32mm diameter
- 110mm diameter PP / PVC user class HT pipework
- Recessed stainless steel floor drains to all areas

### MONITORING (Moxi - Option)

- Remote open / close
- User counter
- Cleaner in / out
- Maintenance log





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