



## TETRAGON



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## – A public toilet for urban and landscape environments

Tetragon is a public toilet which can be adapted to suit your requirements. It is flexible both in size and design, with the ability to withstand vandalism.

City centers, parks, beaches, recreational areas – many places have a need for good public toilets. This is where Tetragon is ideally suited. The flexible design means that each toilet can be adapted according to the environment where it will be located.





Jordbodalen Helsingborg, Sweden



Gloucester



Burgess Park

# TECHNICAL INFORMATION

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## – Planning permission

Danfo supplies all the drawings and technical specifications required to make a planning application together with foundation details.

## – Floor, façade and roof

The base of the building is prefabricated out of concrete including cellular plastic insulation with an incorporated floor drainage system. The robust concrete base with eyebolts for lifting purposes makes the building very easy to install and remove. In addition, the concrete base is a very stable foundation for the building and facilitates the foundation work. The floor can be finished in either vinyl or tiling flooring.

The internal walls and roof block are structural insulation panels with polyurethane insulation encapsulated within laminate sheeting in profile system which gives walls that are well insulated, durable, easy to clean and to refurbish when necessary.

The external façade and roof can be specified and clad according to project requirements.

## – Doors

Aluminium doors are fitted with door closers and finished with laminate or aluminium sheeting lacquered in any RAL colour. The door to the accessible toilet room can also be equipped with automatic open/close functions. Push and pull handles and locking devices are fitted according to project requirements.

## – Interior

The toilet pans are wall-mounted and manufactured out of stainless steel. The integrated hand wash unit has sensor operated functions for flushing, water, soap and hand drying. The waste bin, toilet paper holder, coat hooks and stainless steel mirrors are included as well as drop down grab rails in the disabled room.

For Tetragons with a separate urinal cubicle the urinal is also wall-mounted and manufactured out of stainless steel with hand wash and hand drying facilities as an optional fitting.

For Tetragons with a separate latrine cubicle the slop sink is also wall-mounted and manufactured out of stainless steel with a self closing tap for water and including a hose with hook for the waste water container.

## – Signs

Suitable icon symbols are displayed externally on all public entry doors, as well as internally for the different user functions within.

## – Heating and ventilation

Heating is provided via a ventilation duct heater and mechanical ventilation fan, alternatively there is the option for a heat recovery unit to be installed. All fitted within the service area from where they are also serviced. Warm water heater included.

## – Electricity

The distribution box with circuit breakers, switches, fuse panel and control units are also placed inside the locked service room. Visitor controlled LED electric fittings are installed within each cubicle. The PLC system allows for remote monitoring, visitor statistics and various alarm systems.

## – Service area

The service area include all installations, pipes and electrical equipment and is well-thought-out for cleaning purposes of the toilet building. There is a slop sink of stainless steel for cleaning, including mixer flush and hose connection. All consumable supplies are replenished from the service room.

## – Examples of options

DWC Alarm, fire alarm, handles with integrated lighting, door cladding, extra exterior lighting, bicycle pump, external water tap and payment solutions are amongst options available with the Tetragon. Danfo can also offer a complete package for operation and maintenance of public toilets.