



Washroom System

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d line Washroom system is a highly flexible modular sanitary concept, manufactured in acid resistant satin stainless steel, and intended for wall recessing.

During the product design phase a number of key factors were identified; design, quality, flexibility, durability and hygiene. The **d line** Washroom system incorporates all these facets and thereby offers a real solution for everyday living.



Design and Flexibility

Designed and developed by **d line** and Knud Holscher Industriel Design, an innovative and complete washroom system has been conceived with the vision that this new concept will be appropriate for a variety of applications, primarily toilet cubicles, washroom areas and kitchenettes, ideal for both commercial, industrial and residential environments.

With flexibility in mind, the individual modules have been designed in four alternative sizes, 1, 2, 3 and 4, where the sizes are dependent upon the products' function. The series allows each individual panel to be constructed with the exact module combination as per desire and requirement.

The products relate in their proportions and versions to the **d line** wall mounted bathroom fittings series, thus guaranteeing continuity across the **d line** range.

Installation

The modules are installed in panels. Additionally, a locking mechanism module, which should not be calculated as an independent module in itself, is required in each panel.

To install the panel a special universal mounting frame is provided. This frame is supplied with universal pre-drilled holes, which can be recessed into all wall types, for example, gypsum, concrete or brick, and has an extremely shallow recessing depth of only 106mm.

The panels can be installed either horizontally or vertically. To install the panels horizontally each module is mounted in its own mounting frame side by side. To install the panel vertically one mounting frame is required, the height of which depends upon the chosen combination of modules.



Furthermore, the panel can be fixed either in the sidewall or in the back of the frame. Once installed in the mounting frame the modules have a maximum wall projection of 21mm.

To ensure a harmonic integration between the tiling, wall and sanitary panel a frame skirt, produced in a **glass blasted** finish is offered.

Durability and Hygiene

Vandalism is prevented by the use of a stainless steel lock with a single pattern key.

The panel is locked through a concealed communal locking mechanism that, after unlocking, allows entry into the individual modules. The individual modules are designed with a snap-lock, which, with a slight pressure, springs open allowing the modules to be refilled/emptied or exchanged with a different module with the minimal effort.

Consistent with **d line's** policy of marketing low maintenance and hygienic products, the modules are designed with curved surfaces and produced in acid resistant stainless steel AISI 316 WST 1.4435.

Please note that should further disposal facilities be required, we recommend that the **d line** wall mounted wastepaper bin, large, (14.7084.02.200/14.7085.02.201), is incorporated into the overall design.



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Sanitary Module Descriptions

Each sanitary module is equipped with a communal locking mechanism consisting of zinc cast hinges and built-in snap locks. The locking mechanism and mounting frame is obligatory and must be included in each panel, but should not be calculated as individual modules.

When specifying please make sure that the modules are placed in the correct order - from top to bottom. Please note that a minimum of two module sizes is required in order to construct a panel. The total **module size sum** indicates the **size of the mounting frame** required and the total height of the panel.

Soap Dispenser 14.7145.02
With two soap pumps
Module size 2 code 000

Toilet Roll Holder 14.7156.02
With space for two toilet rolls 110 x 110mm
Module size 1 code 000

Paper Towel Dispenser 14.7180.02
Suitable for paper towels 250 x 100mm
Module size 3 code 000

Automatic Hand Dryer 14.7182.02
Activated by a sensor
Electrical specifications:
230 V
1800 W
2000 Lt. air/min
Module size 2 code 000

Mini Wastepaper Bin 14.7185.02
With recessed disposal compartment to suit 20 litre plastic bags, with a large litter aperture
Module size 1+2 code 100

Maxi Wastepaper Bin 14.7185.02
With recessed disposal compartment to suit 40 litre plastic bags, with a large litter aperture
Module size 1+3 code 200

Tissue Dispenser 14.7191.02
Module size 1 code 000

Toilet Seat Paper Dispenser 14.7192.02
With space for one box 275 x 200 x 40mm
Module size 2 code 100

Multi-purpose Bag Dispenser 14.7195.02
Two dispensing areas with space for two extra boxes, ideal for sanitary hygiene and/or kitchenette purposes
Module size 1 code 000

Mini Wastepaper Bin 14.7197.02
With circular disposal hole to suit 15 litre plastic bags
Module size 2 code 100

Maxi Wastepaper Bin 14.7197.02
With circular disposal hole to suit 20 litre plastic bags
Module size 3 code 200

Mini Plastic Cup Dispenser 14.7199.02
Suitable for approx. capacity of 60 x 21 cl. plastic cups
Module size 2 code 100

Maxi Plastic Cup Dispenser 14.7199.02
Suitable for approx. capacity of 120 x 21 cl. plastic cups
Module size 3 code 200

Blank Panel 14.7104.02
Module size 1 code 010
Module size 2 code 020
Module size 3 code 030

Construction Components - Obligatory

Locking Mechanism 14.7103.02
Stainless steel lock for anti-vandalism code 010

Mounting Frame 14.7101.02
External measurement, 305 x 102mm (W x D), thickness of material 2.0mm. Suitable for sanitary panels with a total module size sum of:

2 module sizes, 340.5mm code 020
3 module sizes, 490.5mm code 030
4 module sizes, 640.5mm code 040
5 module sizes, 790.5mm code 050
6 module sizes, 940.5mm code 060
7 module sizes, 1090.5mm code 070
8 module sizes, 1240.5mm code 080
9 module sizes, 1390.5mm code 090
10 module sizes, 1540.5mm code 100
11 module sizes, 1690.5mm code 110

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Skirting - Optional 14.7102.02
Frame skirt of 20 x 3mm in width, *glass blasted* finish. Suitable for sanitary panels with a total module size sum of:

2 module sizes code 020
3 module sizes code 030
4 module sizes code 040
5 module sizes code 050
6 module sizes code 060
7 module sizes code 070
8 module sizes code 080
9 module sizes code 090
10 module sizes code 100
11 module sizes code 110

Accessories:

Soap, 500ml 14.7046.00
To suit soap dispenser 14.7145.02.000 code 500

Soap, 5000ml 14.7046.05
To suit soap dispenser 14.7145.02.000 code 000

Antibacterial soap, 500ml 14.7047.00
To suit soap dispenser 14.7145.02.000 code 000

Paper Towels 14.7080.00
Boxes of 21 x 150 pcs. code 000

Plastic Bags for Wastepaper Bin 14.7085.00
Rolls of 20 x 50 pcs., 60 x 60cm, 40 litres to suit maxi waste bin code 000

Plastic Bags for Wastepaper Bin 14.7085.01
Rolls of 50 x 30 pcs. 37 x 65cm, 20 litres to suit mini waste bin code 000

Tissues 14.7091.00
Boxes of 33 x 100 pcs. code 000

Toilet Seat Covers 14.7092.00
Boxes of 25 x 200 pcs. code 000

Plastic Bags for Multi-purpose Bag Dispenser 14.7095.00
Boxes of 25 x 50 pcs. code 000

Plastic Bags for Wastepaper Bin 14.7097.00
Rolls of 50 x 30 pcs. 37 x 50cm, 15 litres to suit mini waste bin code 000

Plastic Cups for Cup Dispenser 14.7099.00
21 cl. plastic cups, boxes of 30 x 100 pcs. code 000

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KNUD HOLSCHER DESIGN



Washroom System

Hardware
Bathroom
Washroom
Handrail
Signs

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