



WASHROOM DESIGN SOLUTIONS

THIRD EDITION

It's a Dolphin Thing...

Dolphin Solutions Ltd is a reliable and resourceful company
built upon a foundation of integrity, honesty,
enthusiasm and a caring attitude.

Note: In-situ photographs do not always represent the product description on the page

Disclaimer

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All colour representation shown in this brochure are as printing limitations allow.

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DOLPHIN ALAVO SYSTEM

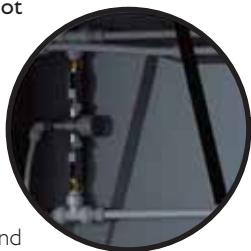
1. Consumer Panel

Each modular system is fitted with an electronic consumer panel (including RCD breakers), only requiring a 32 amp mains feed to the unit.



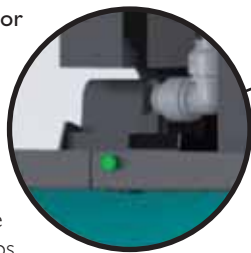
2. Circulating Hot Water Loop

The circulating hot water loop means the hot water is piped from one tap to the next continuing around in a loop back to the same location, ensuring instant hot water. This is excellent water saving, as it saves time to get warm water to the point of the hand washing.



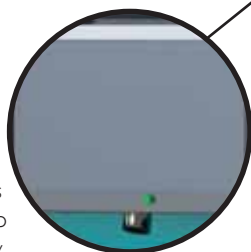
3. Infrared Sensor Taps

Hygienic, easy to use and water efficient, saving one of our key resources in the world. These taps promote a 65% water saving.



4. High Speed Hand Dryer

1.0kw high speed hand dryer; drying hands in 13 seconds. This dryer uses up to 70% less energy than conventional hand dryers, saving money for your clients.



ALAVO Modular System

Dolphin Behind Mirror Alavo System is the all NEW solution to an old problem. This modular system has been developed for all types of users – from architects to janitors. When designing a washroom, much time is spent designing the hand washing area. Dolphin have solved that problem – the Dolphin Behind Mirror Module.

This modular unit incorporates all the facilities needed to wash, soap and dry your hands standing in the same position, including the latest technology for infrared sensor taps, high speed low energy hand dryers and infra-red foam soap system. The 'plug and play' design of the module minimises the time spent designing, constructing and servicing this area, with the only requirements being a solid wall, brick or plywood, hot and cold water supply feeds and a 32amp electrical supply. This modular system saves time, water, energy, soap, space and money.

DOLPHIN ALAVO SYSTEM



6. Hot and Cold Water Supply Inlet

The module only requires a hot and cold water inlet. The connection fitting to the module will require a 15mm pipe for each hot and cold water inlets.

7. Foam Soap Tank

Seven litre soap tank allowing 17,500 hand washes. The soap tank is fitted with electrodes which measure the level of the soap. When the soap level drops to 2 litres of soap left, a 'soap low' light message shows on the top left-hand side of the mirrors.

8. LED Lighting

Long life, energy efficient, ecologically friendly, durable quality, design flexibility, operational in extremely hot or cold temperatures, very good light dispersement and low voltage. The LED lighting colour can be changed to any colour of your choice, by the RGB adjustment switches in the consumer panel.

5. Automatic Foam Soap Dispenser

This is included in the Behind Mirror System, and dispenses a pre-measured quantity of foam soap when the hand is passed beneath the sensor

9. TMV3 Thermostatic Valves

Thermostatic Valves accurately control water temperatures hand-washing by maintaining a preset temperature. The use of TMVs in this Dolphin Module enables it to be used in all applications, including hospitals, care homes and schools.



Water Saving

70%



Energy Saving

82%



Drying (seconds)

13



Foam Soap
Tank Uses

17,500



MODULES ARE AVAILABLE IN THREE DIFFERENT SIZE OPTIONS:

- > 600mm wide
- > 750mm wide
- > 900mm wide

Module widths go from 1,200mm wide to 7,200mm wide – from a single washstation up to 12 washstations in one continuous run.

This gives you almost a free hand in washroom design whilst still using the modular unit.

PRODUCT SPECIFICATIONS

- > MDF, long-life quality cabinets
- > Mirrored cabinet doors – 1200mm and 600mm
- > Full plumbing system for Sensor Taps, including – Hot Loop TMV3 Valves
- > Foam Soap Multifeed System, 7 litre capacity = 17,500 foam soap shots
- > Self-contained electrical unit, including full consumer unit with an RCD
- > Electronic Sensor Foam Dispensers
- > Touch Free Sensor Taps
- > 1.0 Kw High Speed Energy Efficient Hand Dryer
- > LED lighting, for pictograms and Under Cabinet Lighting
- > Light Sensor turns the module lights off when the washroom is dark
- > Patent pending

We will be glad to visit to discuss your project – please give us a call to work through the design with you

Behind Mirror



BEHIND MIRROR

Dispensers and Dryers

Dolphin Behind Mirror products are the answer to wet washroom floors. Everything is where you need it and above the basin. No more walking around looking for the hand dryers. And it helps get people through the washrooms fast too!

**WP 174 DOLPHIN
PRESTIGE BEHIND MIRROR
SOAP DISPENSER**



**DP 350I DOLPHIN PRESTIGE
BEHIND MIRROR PAPER
TOWEL DISPENSER**



Dispensers
are serviceable
from below
the mirror

**BC 634 DOLPHIN
BEHIND MIRROR SOAP
DISPENSER**



**BC 9288BM DOLPHIN
BEHIND MIRROR PAPER
TOWEL DISPENSER**
Satin Stainless Steel



**BC 2003BM DOLPHIN VELOCITY
BEHIND MIRROR DRYER**
Satin Stainless Steel



High
velocity
low energy
usage



BEHIND MIRROR

Dispensers and Dryers

**BC 549 IBM DOLPHIN BEHIND
MIRROR SOAP DISPENSER**
Satin Stainless Steel



**WP 173 DOLPHIN
PRESTIGE BEHIND
MIRROR SOAP
DISPENSER**
Satin Stainless Steel



**BC 9289 DOLPHIN PAPER
TOWEL DISPENSER**
Satin Stainless Steel



Infrared Taps



• See page 23 for soap dispenser details

DOLPHIN BLUE TAPS

Infrared taps



DB 100 DOLPHIN BLUE
INFRARED TAP



Matching
Pair



BC 633 DOLPHIN
COUNTER MOUNTED
INFRARED SOAP
DISPENSER

All taps
are available in
chrome or satin
finish



DB 1400C DOLPHIN BLUE
PANEL MOUNTED INFRARED TAP



DB 100 DOLPHIN BLUE
INFRARED TAP



Do infrared taps pay for themselves? ... yes they do!

A CASE STUDY

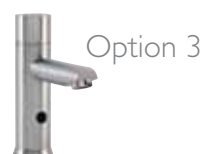
- > Office Building with approximately 1,000 employees.
- > Total number of taps in building – 70.
- > The line graph (right) shows the total cost for 4 different tap types over a 4 year period including initial capital outlay, cost of water and energy to heat water. (In this instance the cost of energy to heat water is included at the same cost as the water itself; however in many applications the energy used to heat the water is significantly more than the cost of the water itself)
- > Plumbing installation cost will be the same for all taps.
- > Allow 35no TMV2 Thermostatic Valves for Infrared and percussion taps (options 2, 3 & 4 below).
- > Allow £40 per tap for 240v power supply for transformer powered infrared taps.
- > The line graph below represents total capital outlay, power supply for transformer powered taps and thermostatic mixing valves and cost of water and energy for heating water.



Purple line
= Manual tap
@£50 each



Green line
= Percussion Tap
@ £93.50 each



Red line
= Dolphin Blue
Infrared Tap – Transformer
Powered
@£189 each

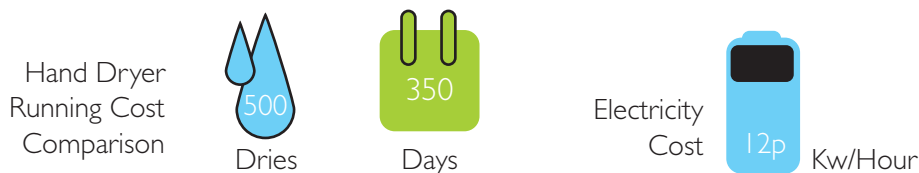
Why Dolphin Velocity Dryers?

1. Up to 80% energy savings, when compared to conventional dryers.
2. Faster hand drying time - Saving Time.
3. Hygiene – touch free environment, reducing cross-contamination.
4. Payback time – when used in a busy environment, under one year.


Dolphin Velocity – saving energy, saving time, saving money, saving cross-contamination.

COMPARISON OF COSTS

High speed driers vs. Standard driers vs. Paper towels




High Speed Hand Dryer
1.6KW drying your hands in 10 seconds




Only
£93.32
per annum

Low Speed Hand Dryer
2.2KW drying your hands in 30 seconds



£384.98
per annum

Paper Towels
(allow 2 sheets per visit)



£1750.00
per annum

High Speed Hand Dryer



Do You Want to Save Hand Drying Time and
Reduce Electricity Costs?

DOLPHIN VELOCITY

High speed hand dryers

SAVING TIME, SAVING ENERGY, SAVING MONEY, SAVING CROSS-CONTAMINATION

- > Dolphin Velocity Hand Dryers save up to 70% of the electricity used by conventional hand driers by optimizing airflow and heat ratios.
- > Low maintenance & energy costs ensure you receive payback with one year in a busy washroom.
- > We have a design to meet your requirements...backed up with long guarantees and onsite support.

BC 2002W DOLPHIN VELOCITY ECO DRYER

Satin Stainless Steel or White Metal



BC 2001 DOLPHIN VELOCITY HIGH SPEED HAND DRYER

Satin Stainless
Steel or
White Metal



BC 2007 DOLPHIN VELOCITY ECO SLIMLINE RECESSED HAND DRYER

Satin Stainless Steel



BC 2011 DOLPHIN VELOCITY HAND DRYER

Satin Stainless
Steel



Combination Units



What image does your washroom reflect?

DOLPHIN COMBINATION UNIT

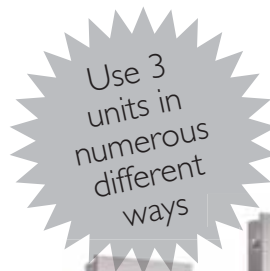


**BC 27-1SCA DOLPHIN
SLIMLINE RECESSED BIN**
Satin Stainless Steel



**BC 27-2SCA DOLPHIN
SLIMLINE HAND DRYER**
Satin Stainless Steel

**BC 27-3SCA DOLPHIN
RECESSED PAPER TOWEL
DISPENSER**
Satin Stainless Steel



BC 27 DOLPHIN COMBINATION SYSTEM

- > Contemporary modern design fits into any scheme
- > Very slimline unit that can fit into a 100mm recess
- > Projection for all units is only 16mm maximising available space in the washroom
- > Stainless steel front and a robust zinc-plated back plate construction
- > This combination unit is supplied in any combination of individual component parts – Bin and/or Dryer and/or Paper Towel Dispenser for combining simply into one unit on site
- > Please specify your choice of individual component parts to create the combination unit required
- > 3 year manufacturers warranty
- > Average Reuse Rate under WEEE Directive: 78%
- > Average Recovery Rate under WEEE Directive: 96%
- > Ska compliant product



**BC27-2SCA
with
BC27-1SCA**



**BC27-3SCA
with
BC27-1SCA**

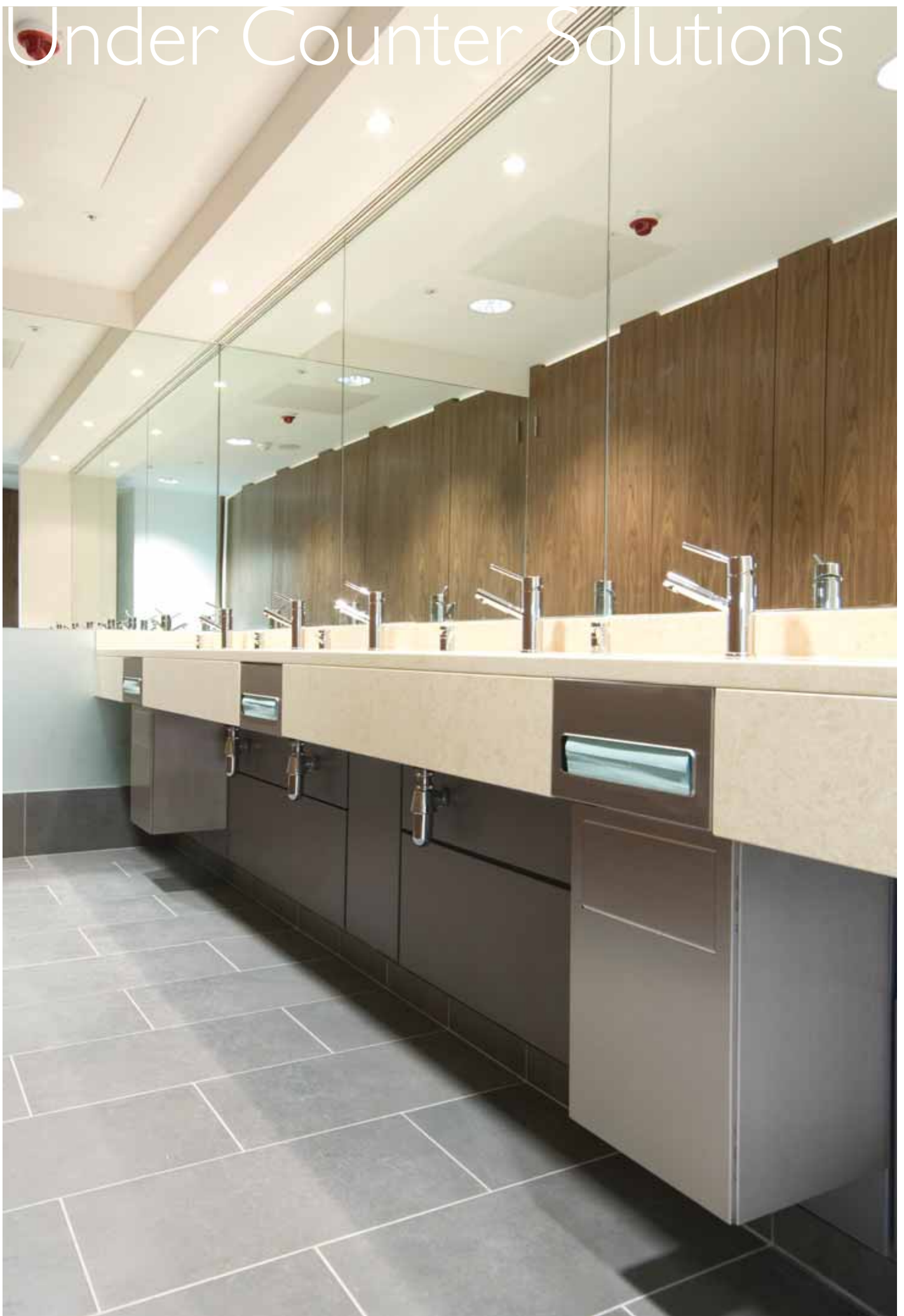


**BC27-3SCA
with
BC27-2SCA
and
BC 27-1SCA**



**BC27-3SCA
with
BC27-2SCA**

Under Counter Solutions



DOLPHIN UNDER COUNTER SOLUTIONS

WHERE STYLE AND FUNCTIONALITY COME TOGETHER

- > Dolphin ranges are constructed and designed solidly for heavy traffic and carry guarantees
- > Your customers' first and last impressions of your organisation could be the washroom.

**DP 4602 DOLPHIN PRESTIGE
COMBINATION UNIT**
Satin Stainless Steel



**DP 5604 DOLPHIN PRESTIGE
BESPOKE BIN FLAP**
Satin Stainless Steel



BC 915 DOLPHIN BIN RING
Satin Stainless Steel



**DP 5703 DOLPHIN
PRESTIGE BIN FRAME**
Satin Stainless Steel



**BC 170 DOLPHIN
STAINLESS STEEL
UNDER COUNTER BIN
WITH LOCKING DOOR**
Satin Stainless Steel



Surface Mounted Dispensers



Is your washroom user friendly?

DOLPHIN SOAP DISPENSERS

CLEANLINESS AND HYGIENE – YOUR CUSTOMER’S FIRST AND LAST IMPRESSION OF YOUR ORGANISATION COULD BE YOUR WASHROOMS

- > Quality of materials and manufacture are immediately evident to the user and unconsciously influence the perception of your company
- > Offering liberty needed to choose your style and ensure that the washroom is aesthetically designed



**DP 1203 DOLPHIN
PRESTIGE COUNTER
MOUNTED SOAP
DISPENSER**
Chrome plated brass



**BC 194 DOLPHIN PANEL
MOUNTED SOAP DISPENSER**
Satin or Polished
Chrome Plated Brass

**BC 613 DOLPHIN SOAP
DISPENSER**
Satin or Polished Stainless Steel



**BC 630 DOLPHIN COUNTER
MOUNTED SOAP DISPENSER
(MATCHING THE DB 100
TAP RANGE)**
Satin Chrome Plated Brass



DB 630



DB 100C



DOLPHIN SURFACE MOUNTED

Dispensers and Taps

DB 1600 / DB 1650
DOLPHIN MANUAL TAPS
Satin Stainless Steel



DB 1650

DB 1600

BC 360 DOLPHIN
SOAP DISPENSER
Satin or Polished
Stainless Steel



BC 928
DOLPHIN MAXI
PAPER TOWEL
DISPENSER
Satin or Polished
Stainless Steel

BC 325W DOLPHIN
EXCEL PLASTIC MINI
JUMBO DISPENSER
White Plastic



DOLPHIN SURFACE MOUNTED

Baby Change and Doc M

BC 100-BQS DOLPHIN CHILD SAFETY SEAT

Moulded Polyethylene



BC 100-SSC DOLPHIN STAINLESS STEEL CLAD NAPPY CHANGING UNIT

Satin Stainless Steel



BC 100EH DOLPHIN HORIZONTAL NAPPY CHANGING UNIT

Moulded Polyethylene



BC 5083 DOLPHIN STAINLESS STEEL DOC M PACKS

Satin Stainless Steel



DOLPHIN SURFACE MOUNTED

Hotel Range: Ideal for student and hotel accommodation



**BC 721 DOLPHIN
TOILET TISSUE
DISPENSER**
Satin Stainless Steel



**BC 726
DOLPHIN
DOUBLE ROBE
HOOK**
Satin Stainless
Steel



**BC 722
DOLPHIN
SPARE
TOILET
TISSUE
DISPENSER**
Satin Stainless
Steel



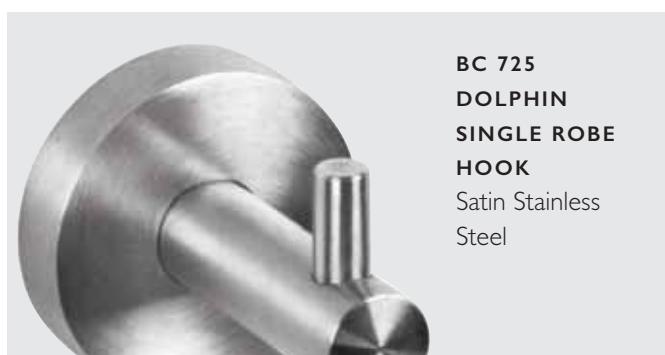
BC 728 DOLPHIN TOWEL RAIL
Satin Stainless Steel



**BC 724
DOLPHIN
Toilet Dish**
Satin Stainless
Steel and Glass



**BC 727 DOLPHIN
TOILET BRUSH**
Satin Stainless Steel



**BC 725
DOLPHIN
SINGLE ROBE
HOOK**
Satin Stainless
Steel



BC 729 DOLPHIN GLASS SHELF
Satin Stainless Steel and Glass



- > Hundreds of pages
- > Download PDFs of each page
- > Download DWG drawings of most products

Or ask your distributor for a copy of the new Washroom Directory 10th Edition

- > A4 full colour throughout, hardback within slipcase
- > Hundreds of products
- > Hundreds of pages
- > Many beautiful colour photographs showing our products insitu





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