



The Dolphin Behind-Mirror Modular System

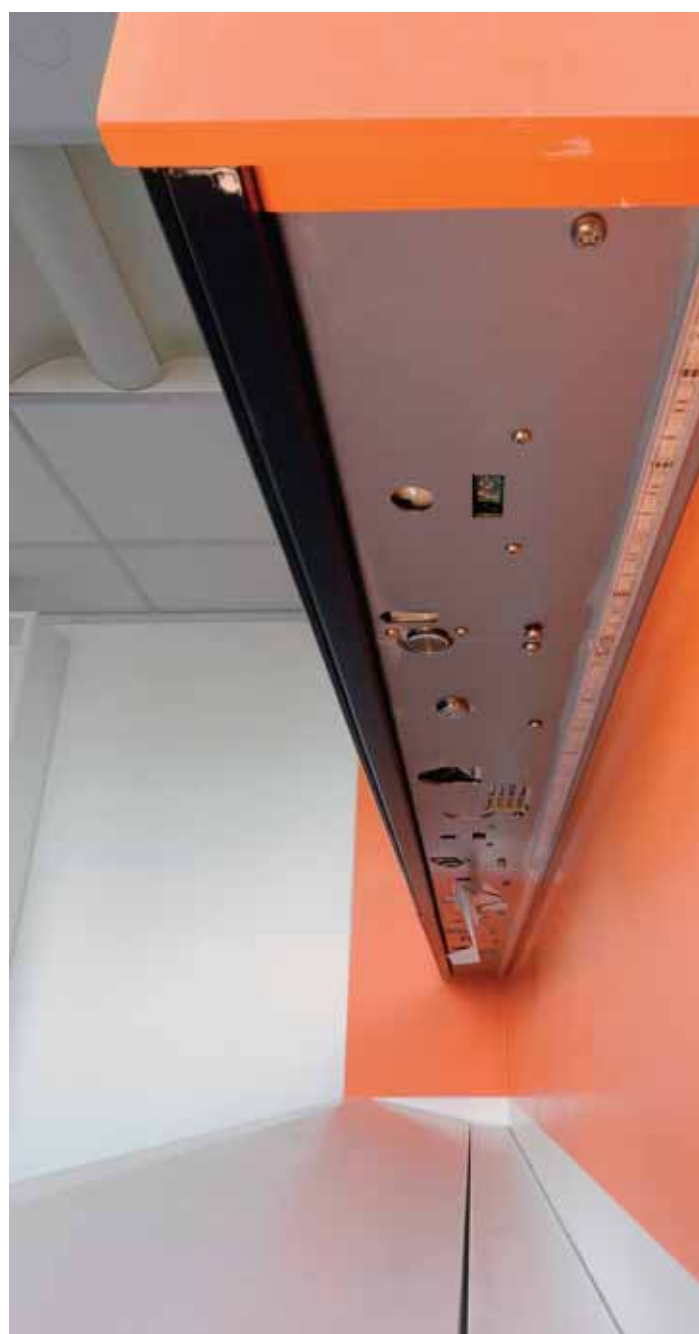
washrooms worth experiencing



Why the Dolphin Behind-Mirror Modular System (DBM) helps to score high with BREEAM, LEED and SKA

1. Saving water with the DBM

- a. The DBM unit includes a Dolphin Blue Self-Closing Infrared Sensor Taps which **save up to 70% water**.
- b. **Flow rate** options available include 1.89 litres/minute, 3.75 litres/minute and 6 litres/minute. 3.75 litres/minute flow rate is default flow rate. Should the 1.89 litres/minute or the 6 litres/minute flow rate be required please specify accordingly.
- c. The Dolphin Blue infrared taps in the DBM units include a feature called **Security Time**. Should a user attempt to sabotage/ vandalise the washroom i.e. try and leave a tap running (by putting an object over the sensor) the Dolphin Blue tap will only flow for 30-40 seconds (adjustable) before stopping automatically, and will not operate until the object is removed from the sensor.
- d. **Hygiene Flush** – Dolphin Blue Taps will perform a 20 second flush automatically if not used for 24 hours combatting legionella and preventing unwanted odours caused by dry traps.
- e. The touch free soap dispenser in the DBM units dispenses **foam soap** which is washed off the users hands quicker than standard liquid soap thereby offering an additional water saving.





2. Energy Saving

a. Dolphin Velocity hand dryers:

- The DBM unit includes the BC2003BM Dolphin Velocity low energy high speed hand dryers.
- The BC2003BM Dolphin Velocity is a 1000w high speed low energy hand dryer (5000w heating element and 5000w induction motor).
- Stand by power is less than 0.5w
- The BC2003BM Dolphin Velocity hand dryer runs at 29000 rpm drying the users hands in 13 seconds offering an outstanding energy saving.
- One of the leading UK property developers and one of the leading UK food supermarkets recognise that the BC2003BM Dolphin Velocity hand dryer is a clear winner when compared to many competitors with regard to energy saving, noise levels, hand drying speed and cost.

b. Dolphin Blue taps(included in the DBM units):

- Dolphin Blue taps save up to 70% water as noted above.....

- Where Dolphin Blue taps are used for hand washing, usually the water is heated. This means that all the water that is saved does not need to be heated thereby offering an outstanding energy saving.
- Dolphin Blue taps pay for themselves on average in 2 years taking into consideration water and energy savings.

c. LED Lighting:

- The DBM unit includes under counter lighting.
- The pictograms and the low soap indicator are backlit.
- The average power consumption of the LED lighting included in a DBM unit is under 7 watts per metre.

d. DBM Light Sensor:

- The DBM unit includes a light sensor which turns off all the LED lighting when the general washroom lighting is turned off, thus saving additional energy.



3. Space Saving

The DBM unit offers excellent space savings.

- a. There is no need to provide floor space in the washroom environment for hand drying i.e. hand dryers, paper towel dispensers and bins are all behind the mirror. All the hand washing and drying occurs in the same place keeping water on the vanity and reducing washroom floor space required.
- b. The DBM unit includes all plumbing and power services behind the hinged mirrors offering excellent access for maintenance purposes. There is no requirement for a small duct access behind the vanity further reducing the amount of space required for the washroom area.

The DBM unit has been designed to offer outstanding water, energy, space, time and money savings. It is complete solution for locations where excellent/ outstanding/platinum BREEAM, LEED or SKA ratings are being sought by the client.

**Should you have any queries please consult the
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