



# THE DOLPHIN BEHIND-MIRROR MODULAR SYSTEM

—  
KEY POINTS FOR BREEAM, LEED AND SKA

# WHY THE DOLPHIN BEHIND-MIRROR MODULAR SYSTEM HELPS TO SCORE HIGH WITH BREEAM, LEED AND SKA

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## I. SAVING WATER WITH THE DBM

- a. DBM units include Dolphin Blue Self-Closing Infrared Sensor Taps which **save up to 70% water**.
- b. Flow rate options available:
  - 1.89 litres/minute (0.5 US gal)
  - 3.75 litres/minute (1 US gal) - default flow rate
  - 6 litres/minute.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. make a tap run continuously by putting an object over the sensor, the Dolphin Blue tap will only flow for approx. 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 is a 1000w high speed low energy hand dryer (500w heating element and 500w induction motor).
- Stand by power is less than 0.5w
- The BC2003BM runs at 29000 rpm drying the user's hands in 13 seconds offering an outstanding energy saving; up to 80% energy saving.
- One of the leading UK property developers and one of the leading UK food supermarkets recognise that the BC2002 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. BC2003BM includes the same motor assembly as the BC2002.

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

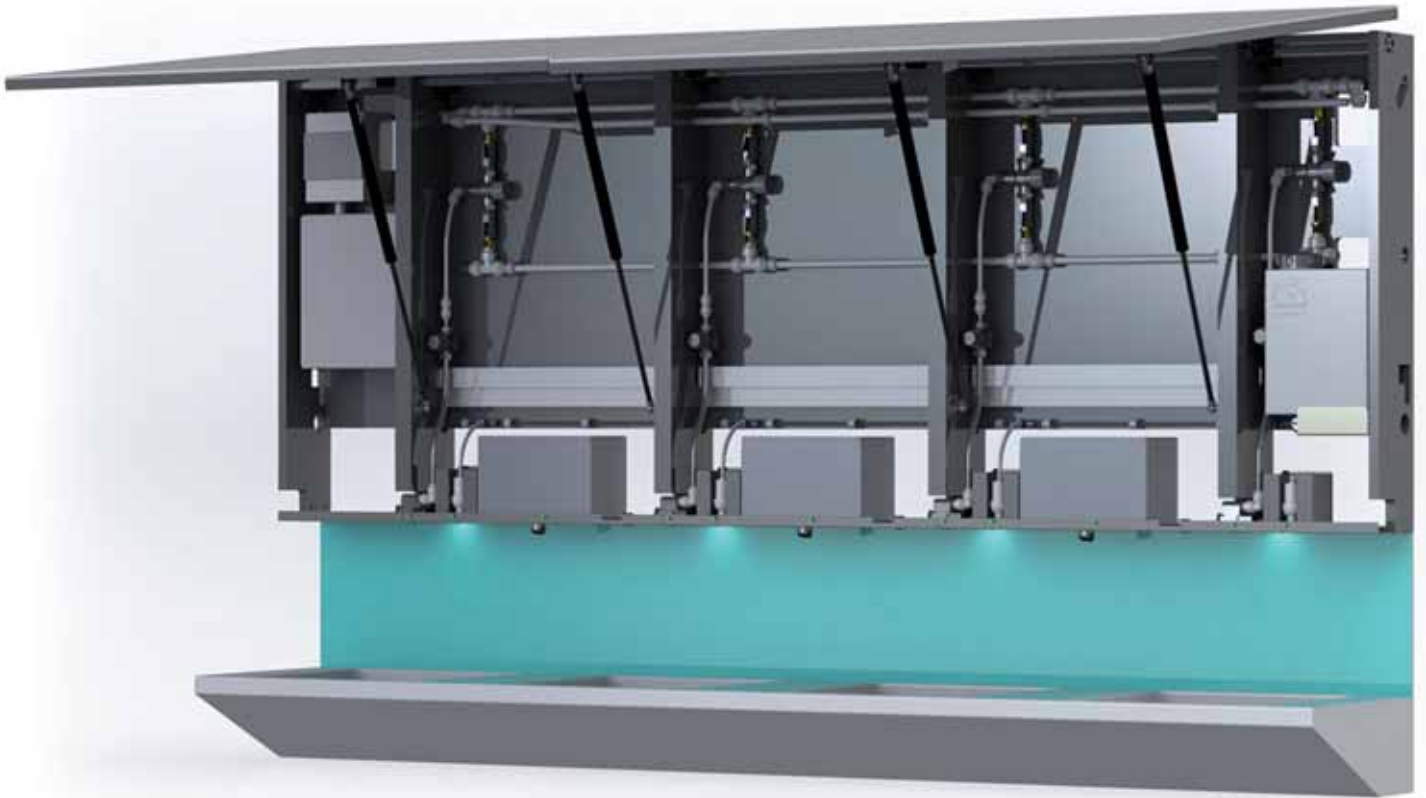
- Dolphin Blue taps save up to 70% water as noted above...
- Where Dolphin Blue taps are used for hand washing, usually the water is heated. This means that the 70% water saved does not need to be heated offering an outstanding energy saving.
- Dolphin Blue taps pay for themselves on average in 2 years taking into consideration water and energy savings.

### c. LED Lighting:

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

### d. DBM Light Sensor:

- DBM units include a light sensor which automatically turns off all the LED lighting when the general washroom lighting is turned off.



### 3. SPACE SAVING

The DBM unit offers excellent space savings.

- a. Many washrooms lose valuable floor space to bulky fixtures such as hand dryers, paper towel dispensers and bins.

DBM incorporates both hand dryers and/or paper towel dispensers so that all washing and drying takes place at the vanity area which means the washroom can be compact and clean.

- 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 a 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 Dolphin Technical Team on: 01424 20 22 24