



## BENEFITS

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### HEALTH BENEFITS

Having a Showerdome substantially reduces cleaning time and cleaning materials used in the bathroom.

#### **Result - Ecologically better, less household expense, more leisure time**

Warm dry homes are much healthier. Moisture feeds dust mites which are recognised as the cause of many health problems (eg. asthma in children, rheumatics in elderly).

#### **Result - Improved Health**

Many modern homes have an ensuite off the bedrooms. Moisture from the showers permeates the bedroom making carpets, drapes, bedding and clothes damper. The Showerdome stops all shower generated steam.

#### **Result - Warmer moisture free bedrooms**

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### ENERGY SAVING

Fitting a Showerdome makes the shower nice and cosy because the warm air created by the shower rose is contained in the shower cubicle. PLUS the cold air in your bathroom is not cascading over the shower cubicle wall making you cold.

The hot water tap can be turned down to bring the temperature back to a comfortable level. Typical reduction is 10 - 15% even in winter.

#### **Result - Energy Saving**

Extractor fans are not required. Turning a fan on while showering actually creates more moisture because it effectively draws more cool air into the bathroom - and that's what causes the steam. (Warm moist air mixing with cooler air). Fans should only be used to ventilate and dry the room after ablutions are complete. If the room is completely dry as the result of the Showerdome - no fan is required.

#### **Result - Energy Saving**

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Windows are often opened to ventilate damp bathrooms. This is not required if the Showerdome has stopped the steam from being created in the first place. An open window quickly lets huge amounts of warm (expensively heated) air out of the home in winter. Keep windows and vents closed during cooler weather.

### **Result - Energy Saving**

As bathrooms tend to be cold damp rooms (because of vents, moisture, etc) people use heaters - usually heat lamps - in bathrooms. Of course this makes things worse - warm air holds more moisture (but it can't be seen), and when the room cools down after use there is even more condensed damp. With a dome there is no need for heaters.

### **Result - Energy Saving**

Many homes now have electrically heated mirrors. With a Showerdome the mirror doesn't mist up (because there is no moisture in the room) therefore heating elements are not required.

### **Result - Energy Saving**

Lots of people resort to dehumidifiers in the bathroom and in the home generally to rid dampness, much of which is caused by shower steam. No steam = no dehumidifier.

### **Result - Energy Saving**

As the bathroom is a dry room, towels dry much quicker. We no longer run our heated towel rail.

### **Result - Energy Saving**

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## **WATER SAVING**

**Many people have not changed their shower rose to a more water conserving type because they enjoy a warm shower and are concerned that less flow will leave them cold and uncomfortable.**

When a Showerdome is fitted to a shower cubicle, the warm moist air stays trapped inside the shower - it does not rise up and flow out to the rest of the room. This in turn means that cooler air is not being drawn into the shower causing cold and uncomfortable drafts.

**The result of fitting a Showerdome is a cosy warm environment that requires less water at a lower temperature to maintain a warm comfortable shower.**

Many showers use 15 - 20 litres of water per minute. With the addition of a flow regulator or a low flow shower head considerable savings will be made. There is a lot of evidence showing that typical families can save over 20,000 litres per year. Added to that is the saving gained from not heating so much water and heating it to a lower temperature. The savings are considerable.

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