

WATER SAVING AERATOR INSERTS



Water saving aerator inserts can be easily fitted to any existing or new tap with an aerated outlet. The aerator itself will reduce the amount of water flowing from the outlet without adversely affecting the outlet pressure.

Catalogue Numbers

Model	Catalogue Number
Aerator Insert 2 l/m 1 pack	AIJ02.01
Aerator Insert 5 l/m 1 pack	AIJ05.01
Aerator Insert 8 l/m 1 pack	AIL08.01
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Aerator Insert 2 l/m 10 pack	AIJ02.10
Aerator Insert 5 l/m 10 pack	AIL05.10
Aerator Insert 8 l/m 10 pack	AIL08.10



Application

Hydrosave Water Saving Aerator Inserts are designed for use in all domestic and commercial applications. They are designed to be easily fitted to almost any new or existing tapware with an aerated outlet.

Description

On average, 22 litres of water flows from a household tap every minute. Hydrosave Water Saving Aerators are designed to reduce outlet flow 2, 5 or 8 litres per minute, a saving of up to 90% dependent on the application.

Flow from 2 litre per minute aerators is provided in a jet spray which is ideal for use in applications requiring low volume. All other flow rates are provided in a standard aerated flow.

Operation

Flow through water saving aerator inserts are primarily controlled by the use of a fixed orifice principle. However the Hydrosave Water Saving Aerator Insert also provides dynamic flow control properties through the use of an o-ring insert.

Under low flow conditions the o-ring remains relaxed and provides a fixed orifice dimension. As flow increases the o-ring reacts against the flow by unseating and slowly reducing the flow capacity of the orifice until the maximum restricting is achieved.

Features and Benefits

- Available in 2, 5 and 8 litre per min flow capacities
- Easily retrofitted to existing fittings and fixtures
- Reduce water usage by up to 75%
- Jet spray pattern standard for 2 litre per min low flow insert
- No discernible affect on output flow or pressure

Technical Data

Aerator	Acetal Co Polymer
O-Ring	EPDM
Max Temp	65°



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