Valves and Plumbing

HydroSave

Inline Flow Controllers

Scope of Use / Specification Sheet

The HydroSave Inline Flow Controller provides primary flow control through the use of a fixed orifice principle.

Secondary and dynamic flow control properties are controlled through the use of an O-Ring insert.

Product Code

Model	Reduced Flow	Quantity	Product Code
ILX02	2 l/min	10 pack	ILX0210
ILX04	4 l/min	10 pack	ILX0410
ILX06	6 l/min	10 pack	ILX0610
ILX09	9 l/min	1 pack	ILX0901
		10 pack	ILX0910

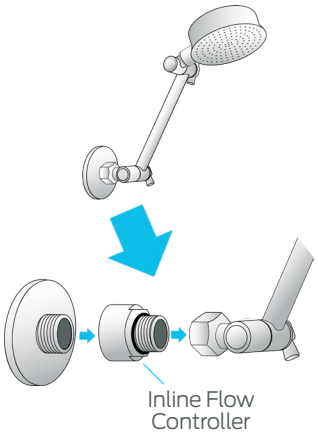
Materials

Disc	Acetal Co Polymer
O-Ring	EPDM
Body	Lead Free DZR Brass chrome plated to AS 3688

Features and Benefits

- Available in 2, 4, 6, 9 and 12 litre per minute flow capacities
- Easily retrofitted to existing fittings and fixtures
- Reduce water usage by up to 75% in some applications

Installation



Shower

1. Unscrew the existing shower head
2. Screw the HydroSave Inline Flow Controller onto the wall outlet
3. Screw the shower head onto the HydroSave Inline Flow Controller ensuring it seals against the O-Ring
4. Turn the shower on and check the connections for leaks and tighten if necessary

Description

Designed with ½" male x female end connections, HydroSave Inline Flow Controllers are easily fitted between a wall outlet and a shower head, or inline between the wall outlet and tap body.

Inline Flow Controllers will actively reduce the amount of water flowing from the outlet, without adversely affecting outlet pressure or the need to replace existing fittings and fixtures. HydroSave Inline Flow Controllers are designed to reduce outlet flow to 2, 4, 6, or 9 litres per minute.

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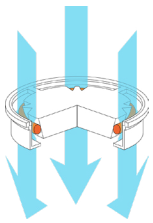
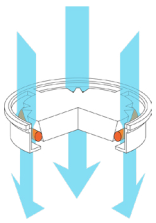
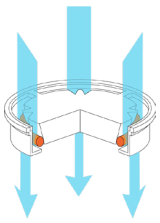
Operation

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

Low Flow	Moderate Flow	High Flow
		
O-Ring in relaxed state. Flow controlled by orifice size only.	O-Ring partially unseated causing partial restriction to flow.	O-Ring fully unseated causing maximum restriction to flow.

Application

HydroSave Inline Flow Controllers are designed for use in all domestic and commercial applications. They are designed to be placed inline between wall outlets, fixtures and fittings or at the ends of flexible hoses.

Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500. This product is compliant to the Lead Free requirements of the National Construction Code Volume Three. For further Scope of Use, please visit www.rmc.com.au/resources.

Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.

Visit **www.rmc.com.au/warranty** to view the warranty statement in full and for further important information.

Technical Specifications

Maximum Temperature	65ºC
Minimum Pressure	105kPa
Maximum Pressure	1034kPa

Standards and Approvals

Model
- ILX02

Model
- ILX04

Model
- ILX06

Model
- ILX09

Lead Free
AS 5200.037.2
WM-021117

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