

MX valves

for use with ART 5211
& ART 5212 TMVs



altecnic

MX valves for use with ART 5211 & 5212 TMVs



Approvals

The Altecnic thermostatic mixing valves (TMV) 5211 & 5212 are supplied with union tails which incorporate a single check valve, filter and compression joint.

The Altecnic 5212 meets the requirements of BS 7942:2000 and the National Health Service model engineering specification D08 for use in healthcare premises, hospitals, care homes, and schools.

The valve has been independently tested and approved as a type 3 valve under the TMV3 scheme.

The Altecnic 5211 meet the requirements of BS EN 1111: 1999 and BS EN 1287: 1999 and the TMV2 Type Scheme. The valves have been independently tested and approved as a type 2 valve under the Buildcert TMV2 scheme by the WRc - NSF Limited / Buildcert Limited.

Application

Altecnic recommend that an isolating valve is fitted in each of the supply pipes to the thermostatic mixing valve to enable the TMV to be isolated, should maintenance be required in the future.

The filter in the standard union tail is located adjacent to the check valve and any debris collected cannot be easily removed.

The MX valve has been designed to include a lever operated ball valve, cylindrical filter, a single check valve and tapping for a pressure test point as well as union and compression joints.

The MX valve incorporates all these features into a compact unit which connects directly to the TMV, locating everything in one convenient location.

This reduces the number of joints, possibility for leakage and reduces installation time. The 90° design allows the supply pipes to come from above or below the TMV without the need for elbows.

The filter can be removed easily for cleaning by isolating the ball valves and removing the cap. The filter can then be removed and flushed with clean water.

Construction Details

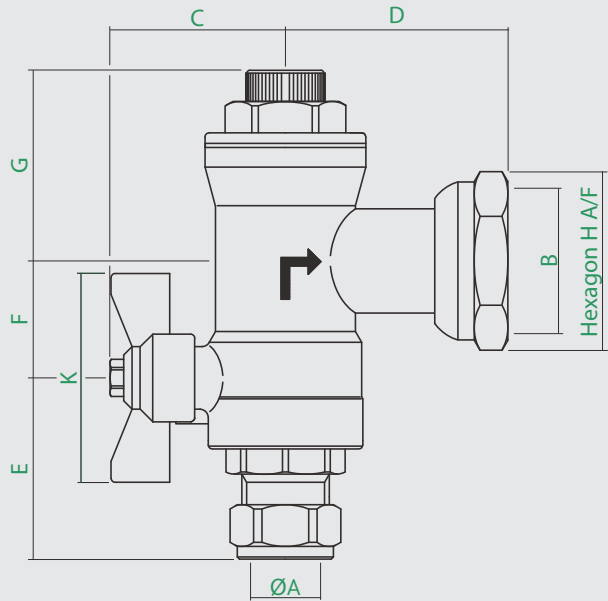
Component	Material	Grade
Body	Brass - chrome plated	BS EN 12165 CW617N
Union nut	Brass - chrome plated	BS EN 12164 CW614N
Stem	Brass - chrome plated	BS EN 12164 CW614N
Ball	Brass- chrome plated	BS EN 12165 CW617N
Seat	PTFE	
Filter	Stainless steel	AISI 404
Check valve	Plastic	
'O' rings	NBR rubber	
Lever	Aluminium alloy	UNI 5076-74

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Dimensions

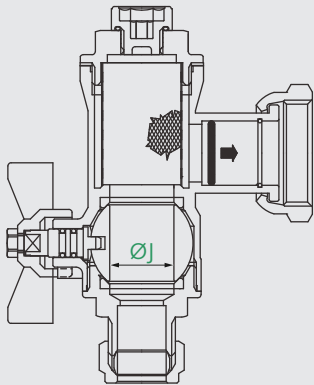


Prod Code	A	B	C	D	E
AI-495015	15	G1	42	53	43.5
AI-495022	22	G1	42	53	42.5

Prod Code	F	G	H	J	kg
AI-495015	28	45.5	37	20	0.515
AI-495022	28	45.5	37	20	0.553

MX valves are sold as a pairs and the product codes are for a pair of valves.

Construction Details



Both valves comply with the minimum flow way for full bore valves to BS EN 13547.

Technical Data

Max. working pressure:	10 bar - Static
Max. inlet temperature:	85°C
WRAS approved product	

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