

# MX valves

for use with ART 5213 TMVs



**WRAS**  
APPROVED  
PRODUCT

**altecnic**

# MX valves for use with ART 5213 TMVs



## Approvals

The Altecnic Merchant thermostatic mixing valve (TMV) Art 5213 is supplied with union tails which incorporate a single check valve, filter and compression joint.

This 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 valve also 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 immediately upstream of 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 and a single check valve as well as union and compression joints.

The MX valve incorporates all these features into a compact unit which connects directly 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.

MX valves are also available with a pressure/ temperature test point.

## 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
Filter	Phosphor bronze	
Check valve	Plastic	
'O' rings	NBR rubber	
Lever	Plastic - black	

## E & O.E

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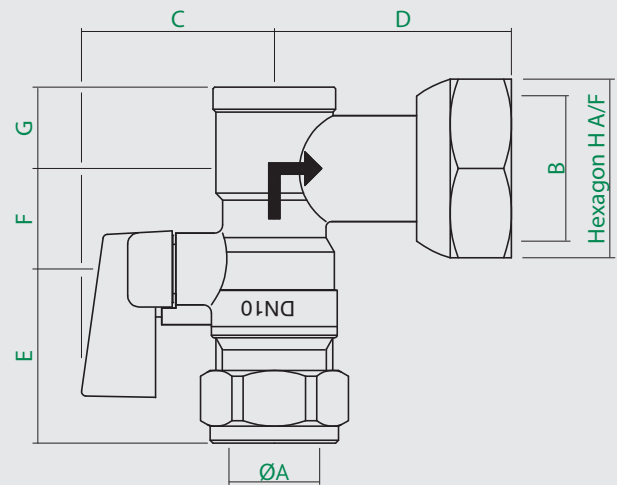
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AL 156 17-12-13

## Dimensions



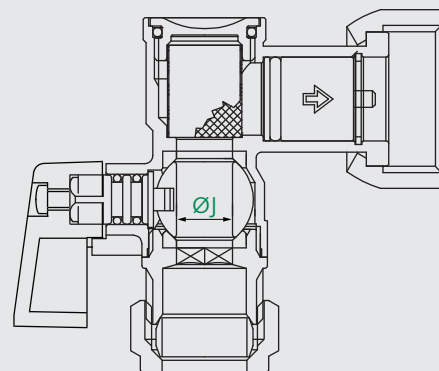
Prod Code	A	B	C	D	E
AI-496A05BAG	15	G $\frac{3}{4}$	36	42.5	31
AI-496A06BAG	22	G1	36	45.5	57

Prod Code	F	G	H	J	*kg
AI-496A05BAG	18	15	32	10	0.39
AI-496A06BAG	18	14	37	12	0.50

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

\* Weight per pair.

## Construction Details



The DN15 valve complies with the minimum flow way for reduced bore valves in BS EN 13547.

## Technical Data

Max. working pressure:

10 bar - Static

Max. inlet temperature:

85°C

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