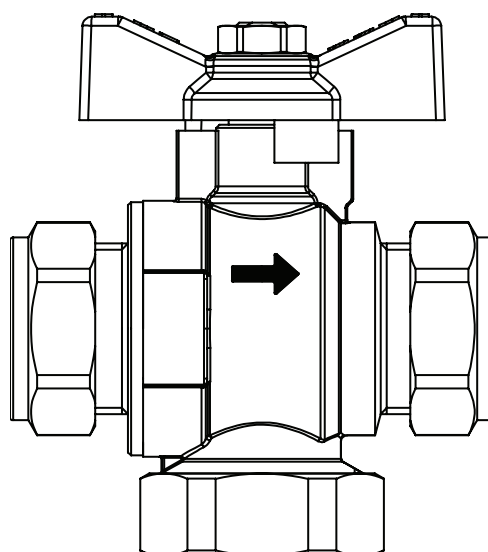


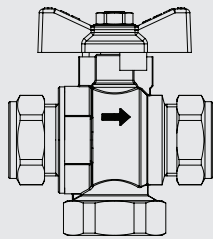
124-610 CST

filter ball valve



altecnic

124-610 CST filter ball valve



Application

With changes in building construction, there is a continual requirement for more compact and multi-functional valves. The Altecnic filter ball valve combines the function of a ball isolating valve with the benefit of a strainer/filter to meet these requirements. The addition of a magnetic element improves the efficiency of debris collection and retention. The filter ball valve is the ideal compact valve for use with appliances requiring regular maintenance along with the protection from dirty water supplies which may affect their performance. The generous filter element allows for longer periods between emptying and reducing the frequency of clogging. The valve provides the benefits of ensuring the water is filtered and can be isolated, should this be required.

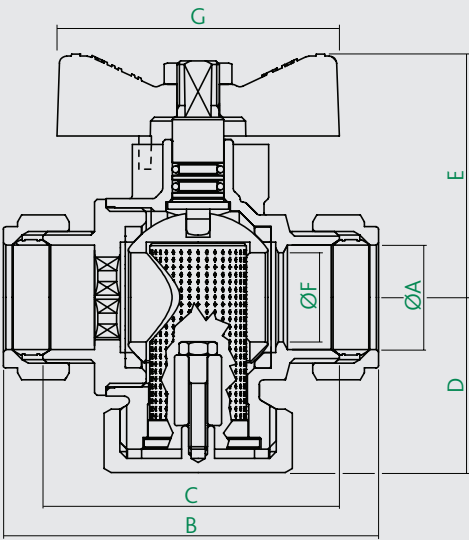
Technical Specification - Materials

Body - nickel finish:	brass	BS EN 12165 CW617N
End connection - nickel finish:	brass	BS EN 12165 CW617N
Ball seat:	polymer	PTFE
Ball - chrome plated:	brass	BS EN 12165 CW617N
Stem:	brass	BS EN 12164 CW614N
Stem seals:	elastomer	NBR
Filter:	st. steel	AISI 304
Magnetic element:		
Cap:	brass	BS EN 12164 CW614N
Cap seal:	elastomer	NBR
Lever:	aluminium	

Technical Specification

124-6101 CST and 124-6102 CST:	supplied with magnet
124-6111 CST and 124-6112 CST:	supplied without magnet
Compression ends complying with:	BS EN 1254-2
Pressure/temperature rating:	BS EN 1254-2
Max. temperature at 16 bar:	30°C
Max. temperature at 10 bar:	65°C
Max. temperature at 6.9 bar:	100°C
Strainer mesh size:	500 µ - 0.5 mm
Magnet strength:	4850 ± 200 G

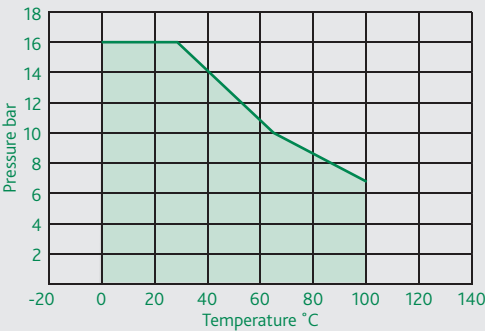
Dimensions



Ref No	A	B	C	D	E	F*	G
124-6101 CST	22	79.7	63	36.3	51.5	19	60
124-6102 CST	28	82.5	64.5	36.3	51.5	19	60
124-6111 CST	22	79.7	63	36.3	51.5	19	60
124-6112 CST	28	82.5	64.5	36.3	51.5	19	60

* the 22mm exceeds the diameter for full bore and the 28mm for reduced bore specified in BS EN 13547.

Pressure - Temperature Chart



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Registered in England No: 02095101

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AL 498 21-01-2025

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