

# 535001 CST

inlet control group



**altecnic**  
CALEFFI group

# 535001 CST inlet control group



## Unvented Hot Water

Unvented hot water systems must comply with "The Building Regulations 2010 - Sanitation, hot water safety and water efficiency" section G3.

Unvented hot water systems provide domestic hot water at mains pressure.

This provides a forceful stream of hot water for showers, bath fillers and for general hot water usage, with the added benefit of the cylinder being very well insulated, with reduced times to heat the water in the cylinder.

Unvented systems rely upon a number of components to allow them to operate efficiently and safely, which are available from Altecnic.

## Inlet Control Group

Water entering the cylinder is no longer stored in large tanks located within the loft space but is fed directly from the cold water mains.

In doing so any pressure fluctuations in mains pressure needs to be controlled.

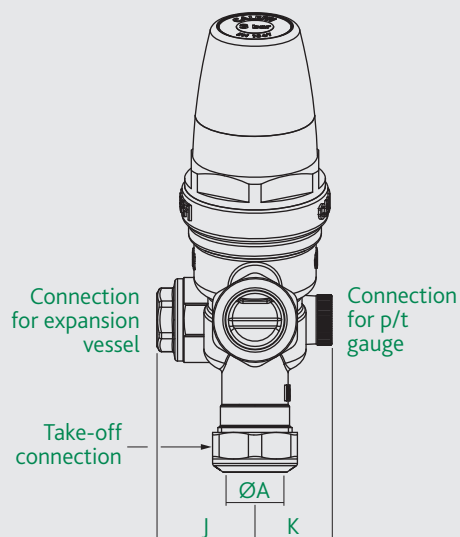
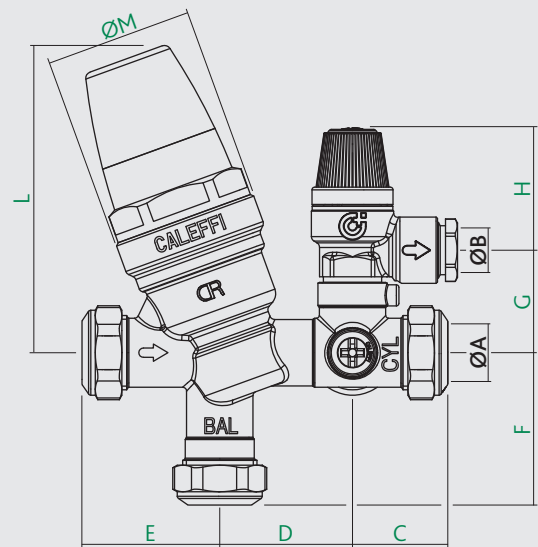
The Altecnic 535001 CST inlet control groups in a monobloc manifold contain;

- pressure reducing valve to limit the pressure of the cold water supplied to the cylinder.
- safety relief valve which releases pressure in the event of a component failure.
- check valve to prevent backflow to the mains.
- take-off connection
- connection for the pressure/temperature gauge.
- connection for an expansion vessel.

## Technical Data

Max. working pressure:	12 bar (static)
Max. temperature:	85°C
WRAS approved product:	Yes
Safety relief valve setting:	6.0 bar
Pressure reducing valve setting:	3.0 bar

## Dimensions



Prod Code	A	B	C	D	E	F
535001 CST	22	15	36	50	52	57.5

Prod Code	G	H	J	K	L	M
535001CST	38.5	44	37	29	116	55

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Altecnic Ltd Mustang Drive, Stafford, Staffordshire ST16 1GW

T: +44 (0)1785 218200 E: sales@altecnic.co.uk

Registered in England No: 2095101

altecnic.co.uk

AL 246 18-08-20

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