

Insulation



See rear cover for applicable countries

First Issue

September 2015

π PalTMDuct VCD

PRE-INSULATED VOLUME CONTROL DAMPER



Fibre-free
Core


KingspanTM

*Low Energy –
Low Carbon Buildings*

Kingspan PalDuct VCD

Product Features

Kingspan PalDuct VCD is made from a high performance rigid thermoset polyurethane insulation core, faced on both sides with an aluminium foil. The insulation panels are fixed together with a special polymer / aluminium profile to form ductwork sections.

The blades are made of aluminium aerofoil, which provides air flow. The dampers are manufactured in multiple sections up to 2000 x 2000 mm.

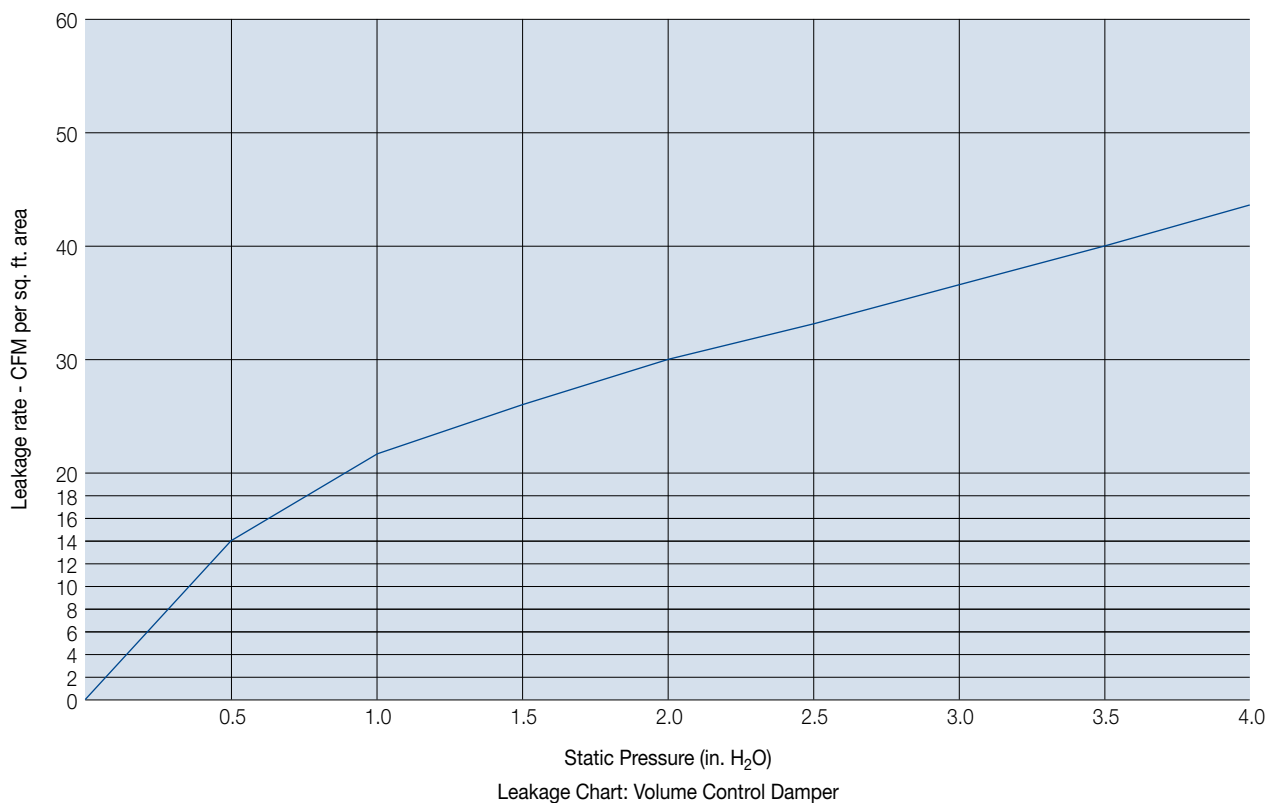
The channel frame has a standard width of 125 mm. However, the channel width varies from 100 mm to 150 mm, dependent on the height of the damper and the width of the blade.

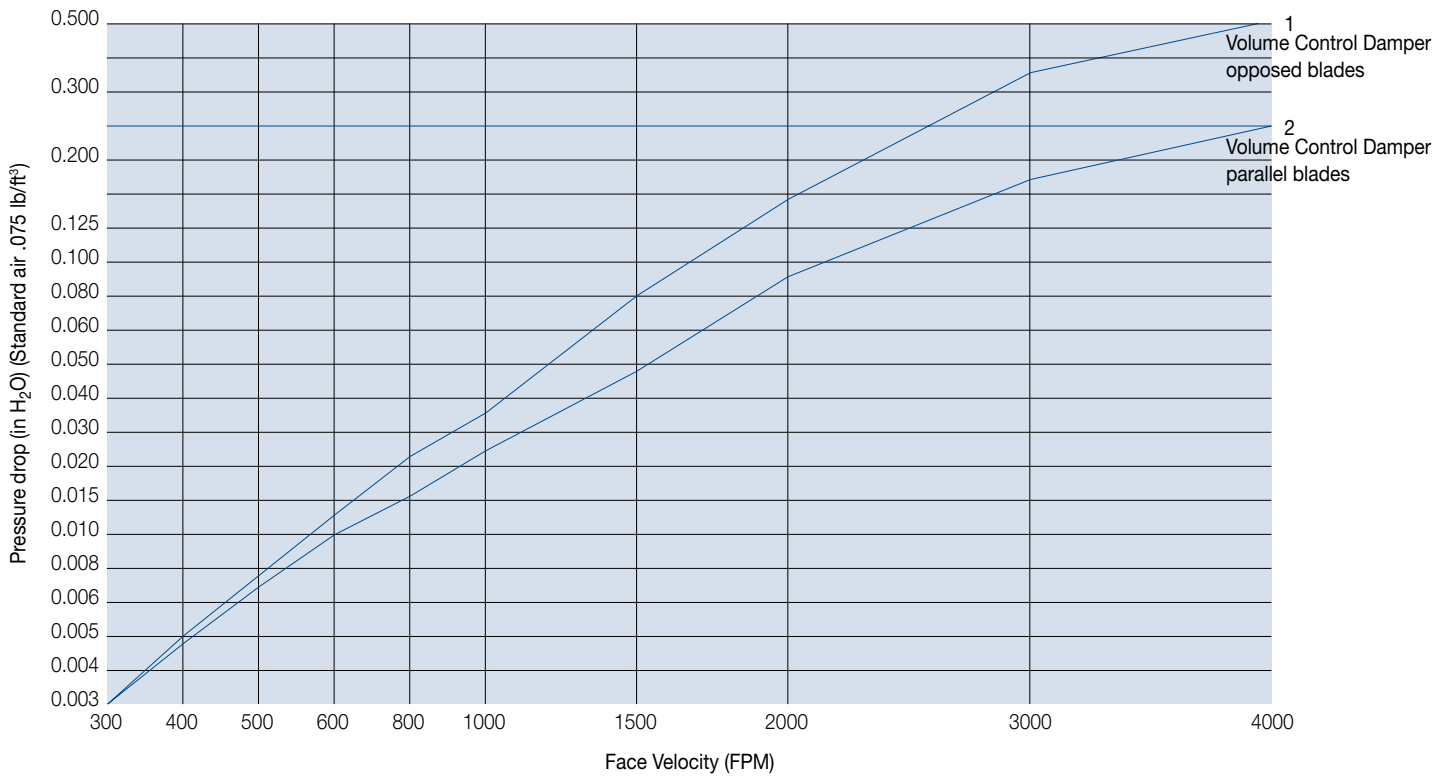
For a Kingspan PalDuct VCD with a height of less than 200 mm, it must only include a single blade. However, those with a height of more than 200 mm may include multiple blades. In addition, those with with a height of more than 200 mm can have either opposite or parallel blades.

Optional Additions

- Manual control quadrant and position indicator, code Q.
- Control by servo motor directly coupled to the shaft.
- Support plate for a servo motor in place of the quadrant damper code M.
- Bronze brushing code BR.
- Airtight lateral joint, code J.
- Airtight blades, code N.

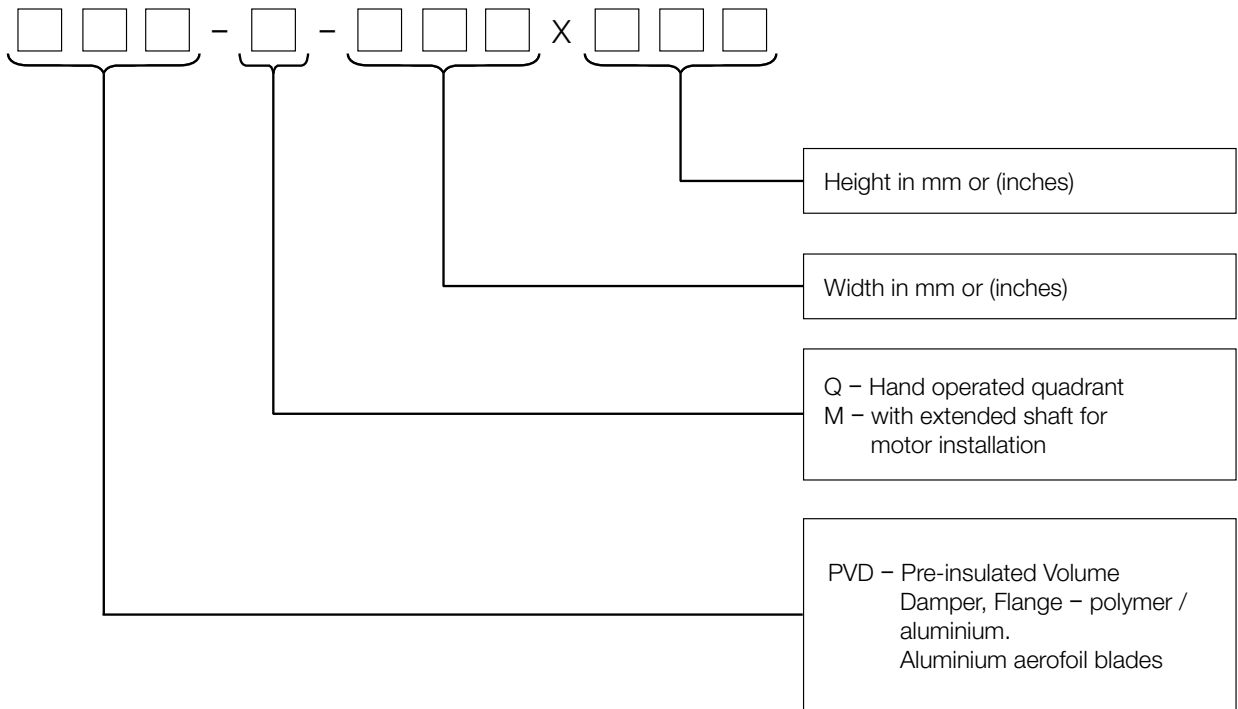
PVD - AVD Performance Data





Pressure Drop Chart: Damper in Open Position

Ordering System



EXAMPLE ORDERING

PVD-Q-1000x600 mm

Kingspan Insulation reserves the right to amend product specifications without prior notice. The information contained in the document is given in good faith and applies to the uses described. Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications and any applicable laws and regulations. Kingspan Insulation recommend using the Technical Advice service.



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Countries comprise: all of Africa; South and Central America, the Caribbean; the Middle East; Asia as far north and east (and including) Turkey, Georgia, Azerbaijan, Kazakhstan, Kyrgyzstan, Afghanistan, Pakistan, India, Nepal, Bhutan and Bangladesh.

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