

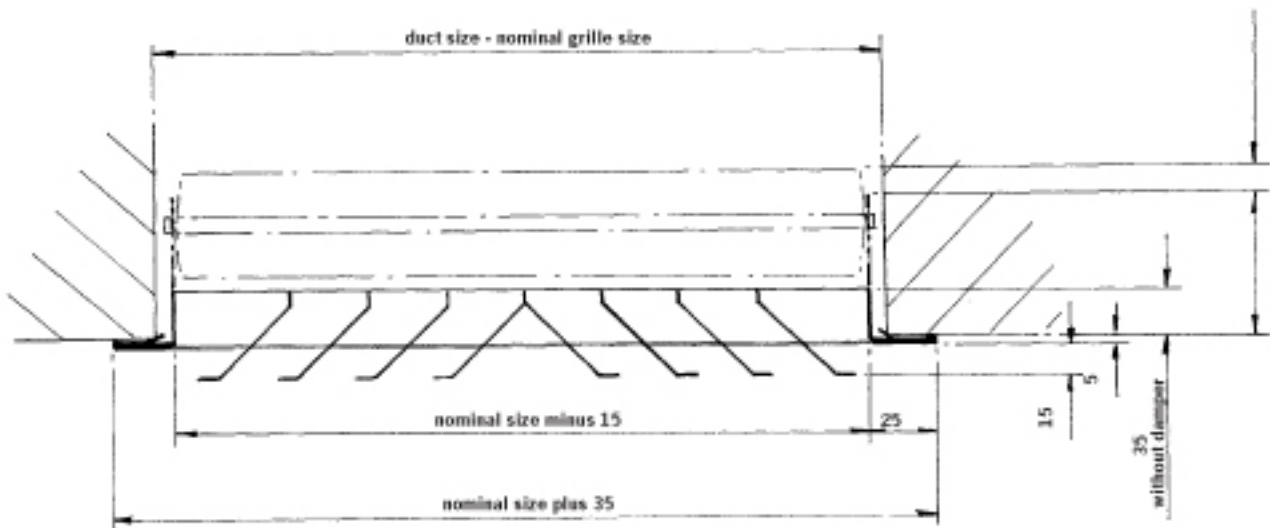


air diffusion
FNW
Engineering Developments Ltd

CD Diffusers

New Street Skelmanthorpe Huddersfield HD8 9BL Telephone 01484 861233 Fax 01484 864928

All products are manufactured in the UK at the above address



F.N.W. Type CD Ceiling Diffusers have fixed non- \bar{n} adjustable louvres at 40mm centres. Manufactured in zinc coated steel, spot-welded construction and polyester powder coated after manufacture. A self-coloured plastic extruded flange facing being fitted over the steel flange to finish.

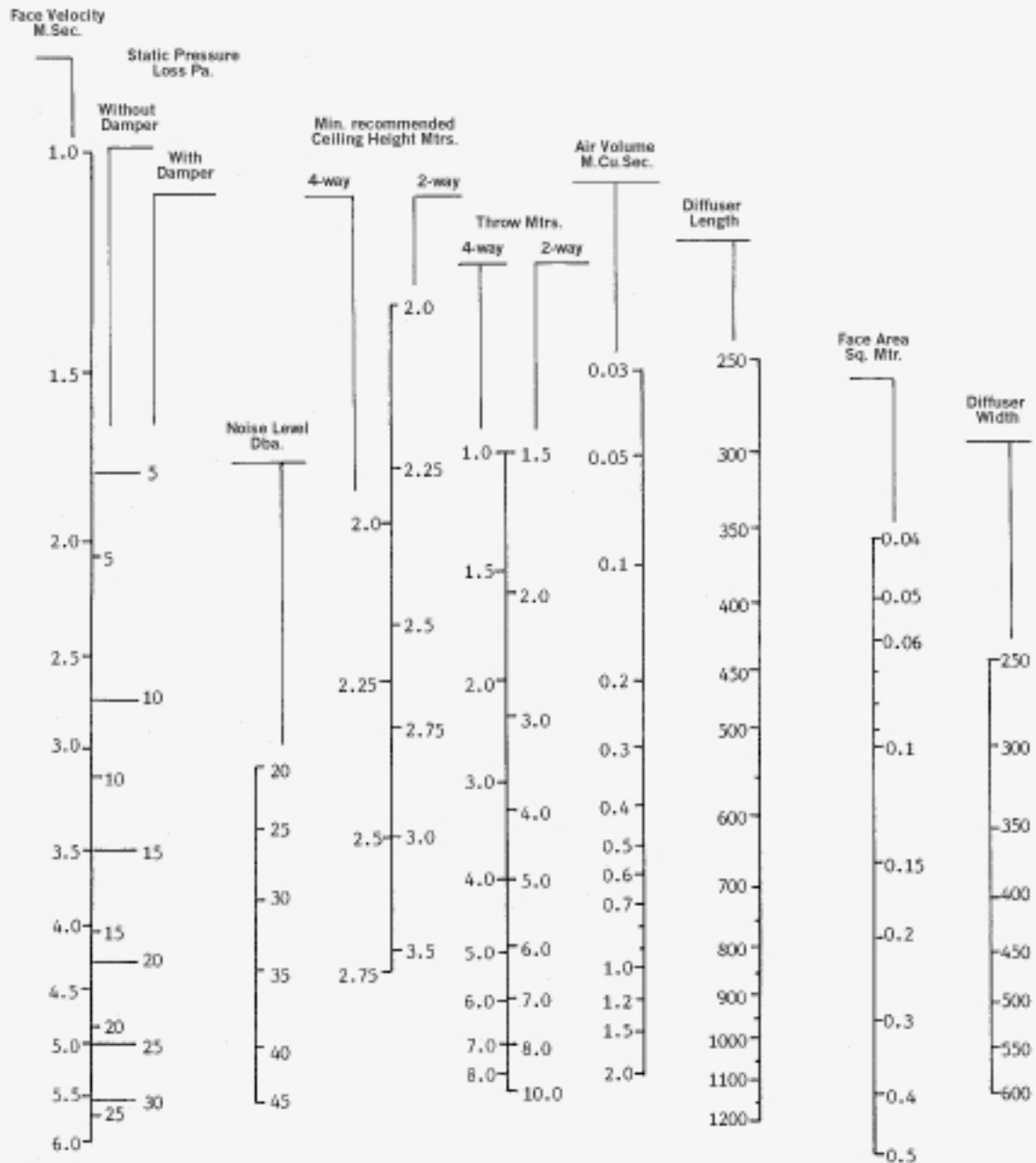
Produced in standard sizes of 50mm size increments from 250 x 250 for the types of the CD1 and CD2, 400 x 250 for the types CD3 and CD4, and then upto and including 1200 x 600, but can be produced in any intermediate size both on length and width. All sizes being expressed as length x width and referring to nominal opening size.

Standard Colours White Black Cream or Grey.

Volume control dampers can be fitted behind each diffuser, should this be required 'EF' should be added to the designation, a type 'CD2' becoming 'CD2/EF' when fitted with a damper.

The CD range of diffusers can also be manufactured in stainless steel, either supplied in a natural dull polish finish or polyester powder coated to a standard colour.

SIZE SELECTION

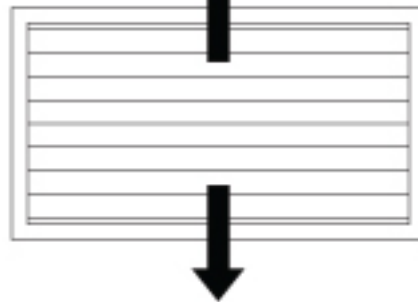


Assuming that the Air Volume and Forward Throw (either 4-way or 2-way) are the known factors, then from the above nomogram, place a rule intersecting these factors, read off Face Velocity, Static Pressure Loss, Noise Level and the Free Area of diffuser to fulfill those conditions. Pivoting the rule about the Free Area determined, the Diffuser Length and Width can be read off.

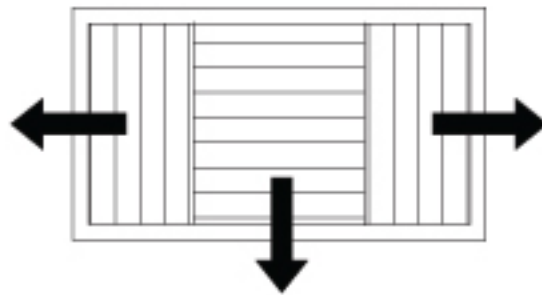
Type CD Ceiling Diffusers



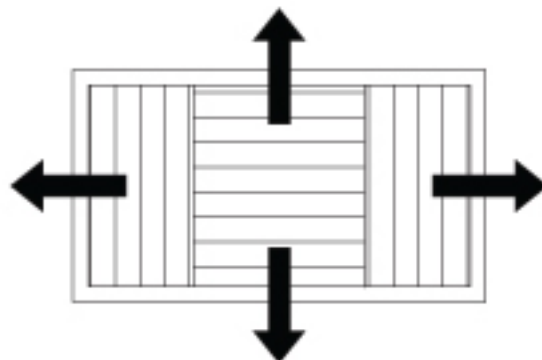
Type CD1



Type CD2



Type CD3



Type CD4