

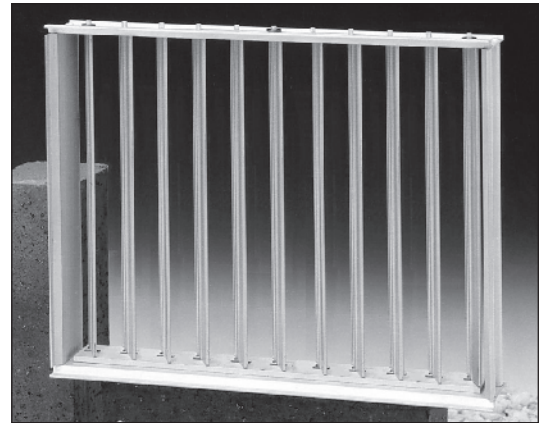
Grille and duct dampers

STRAIGHTENING VANES

introduction

The SV type straightening vane is offered as a standard method of flow directional control and is suitable for use with linear grilles within the Brooke Air range.

The vanes are normally supplied ready fixed to the air terminal when specified, but can also be supplied separately for duct mounted applications. The standard method of adjustment is by hand.



type

SV

sizes

SV vanes are available in sizes ranging from 100mm x 50mm to a maximum of 1200mm x 450mm. Sizes larger than this are supplied in multiple sections.

CORRECTIONS FOR LATERAL JET SPREAD		
	30°	45°
THROW FACTOR	0.75	0.55
NR ADDITION	+4	+8
Ps FACTOR	1.25	1.5

ordering details

Grille and diffuser mounted straightening vanes should be included with the grille order adding the designation SV to the grille type. Duct or plenum mounted dampers (type SV/DM) should be ordered separately, stating the nominal duct dimensions.

Grille and duct dampers

DIMENSIONS

SV - STRAIGHTENING VANE

