

SPI-200 C Iris damper

SYSTEMAIR 200mm dia iris damper SPI-200

Item Number: 6754

Description

The SPI is an iris damper for measurement and adjustment of the air flow. The SPI has the following specifications: low sound level, centrally formed air flow and fixed test points for precise measurements.

This device can be used for supply as well as for extract air.

Design

The damper is manufactured from galvanised sheet steel and is fitted with a rubber gasket tested for air-tightness in class C according to EN 1751. It has an adjustment aperture which can open the entire cross-section, so there is no access door for cleaning required.

Available in sizes \varnothing 80-800mm.

Mounting

The SPI adjustment damper must be installed in accordance with the distances required to minimize air flow deviation. Reducing or enlarging the duct to the next duct size does not require any specified distances for minimizing the deviation. The SPI enables taking precise air-flow measurements at all points including points close to T junctions and bends, and points in front of air ducted or terminal devices.



Technical parameters

Nominal data

Air tightness class	C
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Dimensions and weights

Weight	2.1 kg
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Performances

Mid-frequency band, Hz

Dimension

	ød	C	øD
SPI 80	79	58	134
SPI 100	99	48	163
SPI 125	124	50	210
SPI 150	149	50	230
SPI 160	159	52	230
SPI 200	199	58	285
SPI 250	249	90	333
SPI 300	299	56	405
SPI 315	314	90	406
SPI 400	399	90	560
SPI 500	499	90	644
SPI 630	629	90	811
SPI 800	798	70	1015