

LONG THROW CONCENTRIC DIFFUSERS

KVC
SERIES

TECHNICAL CHARACTERISTICS

OVERVIEW

The KVC series of long throw concentric diffusers comprise of one or more individually adjustable (up to a 30° inclination) diffusers - up to a maximum of four, fitted on a custom made plate.

MATERIALS

The KVC diffusers are made from carbon steel sheet, painted RAL9010 with epoxy powder.

INSTALLATION : The installation is made using screws on the face of the diffuser plate in custom made holes in walls or directly on sides of rectangular ducts.

SELECTION METHOD

Using diagram shown below, it is possible to make a preliminary selection of the diffuser on the basis of the air flow rate.

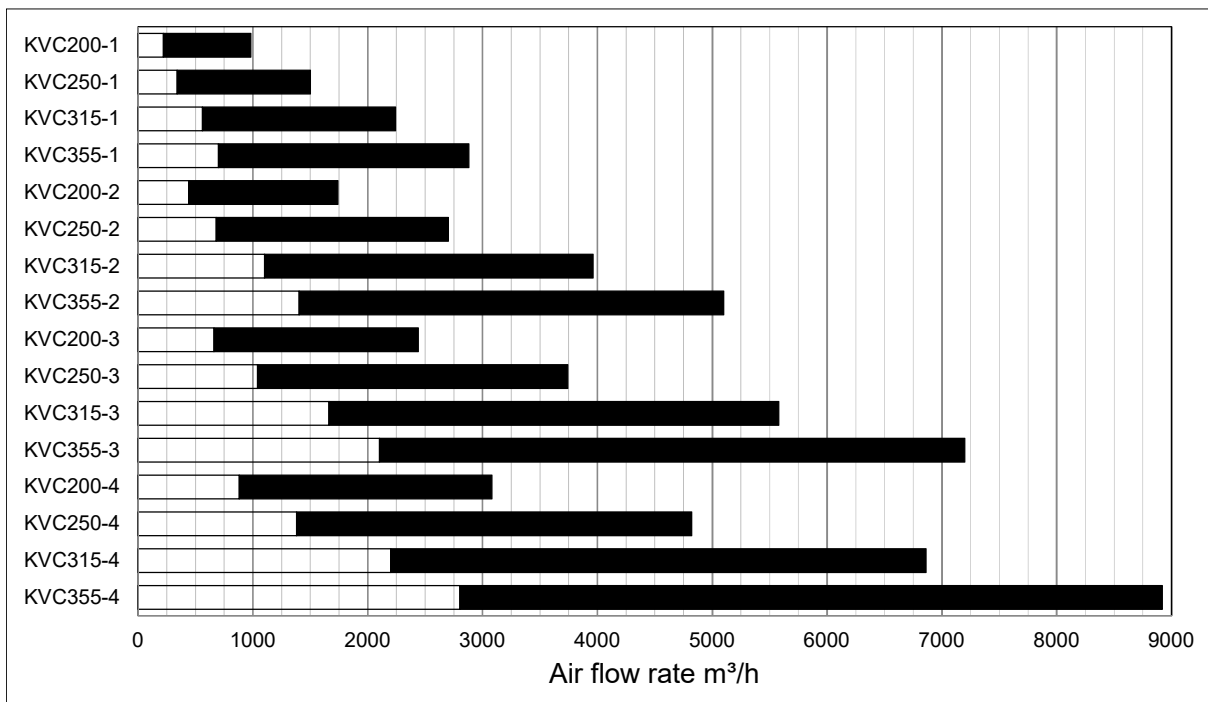
It is recommended to check, using the diagrams shown in the following technical pages, the effective correspondence of the choice made to the specific conditions intended of use for the diffuser.

DESCRIPTION FOR TENDER

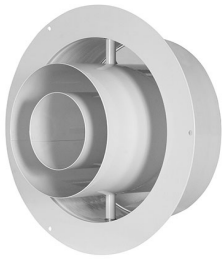
long throw concentric diffuser comprising of one or more adjustable concentric rings diffusers installed on a metal plate all painted RAL 9010, with all parts visible.

UNSUITABLE ENVIRONMENTS

The products in painted carbon steel are not suitable for installation in environments with high humidity and in environments with a potentially explosive atmosphere or containing powders or vapors of corrosive substances.



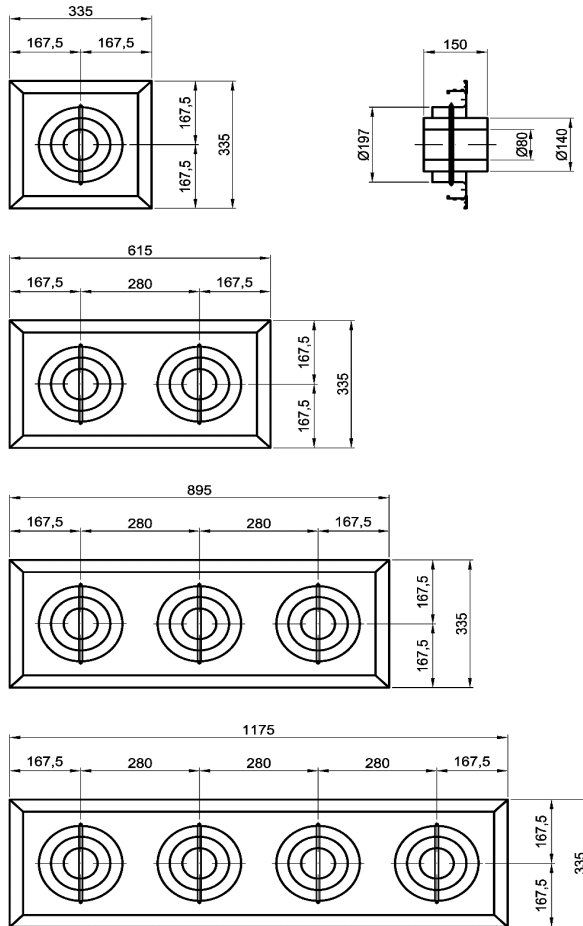
Free section of air passage single diffuser	
Nominal diameter	Ak m ²
200	0,0305
250	0,0479
315	0,0765
355	0,0973



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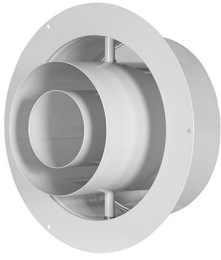
KVC
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KVC200 DIMENSIONS



Dimension in mm of the opening to be made on the side of the duct or in the wall for the correct installation of the plates.

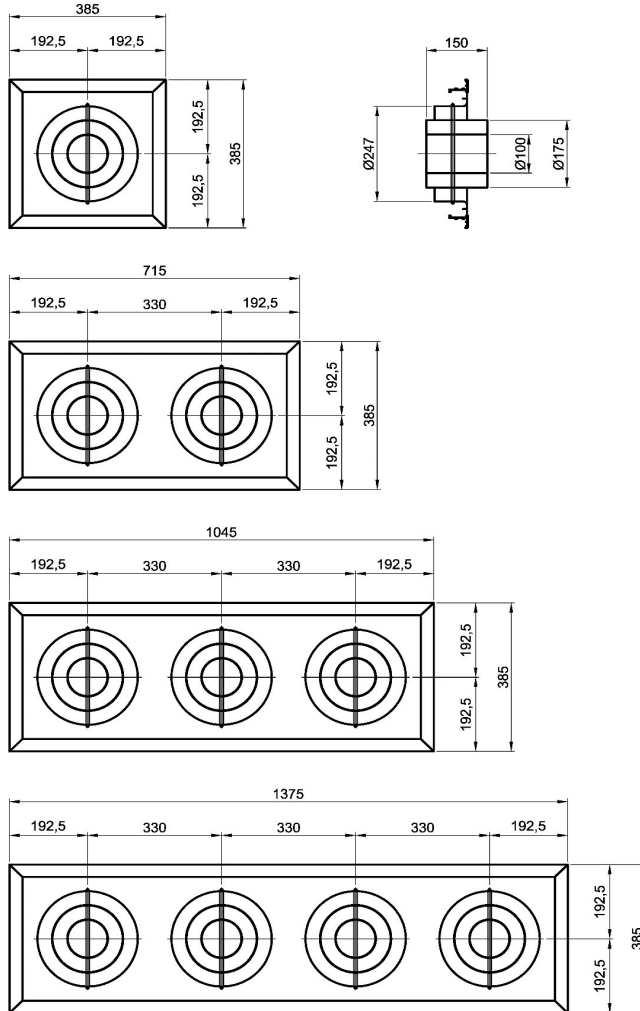
DIFFUSER NR	DIAMETER	BASE	HEIGHT
1	200	304	304
2	200	584	304
3	200	864	304
4	200	1144	304



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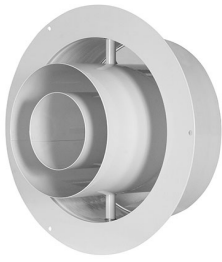
KVC
SERIES

KVC250 DIMENSIONS



Dimension in mm of the opening to be made on the side of the duct or in the wall for the correct installation of the plates.

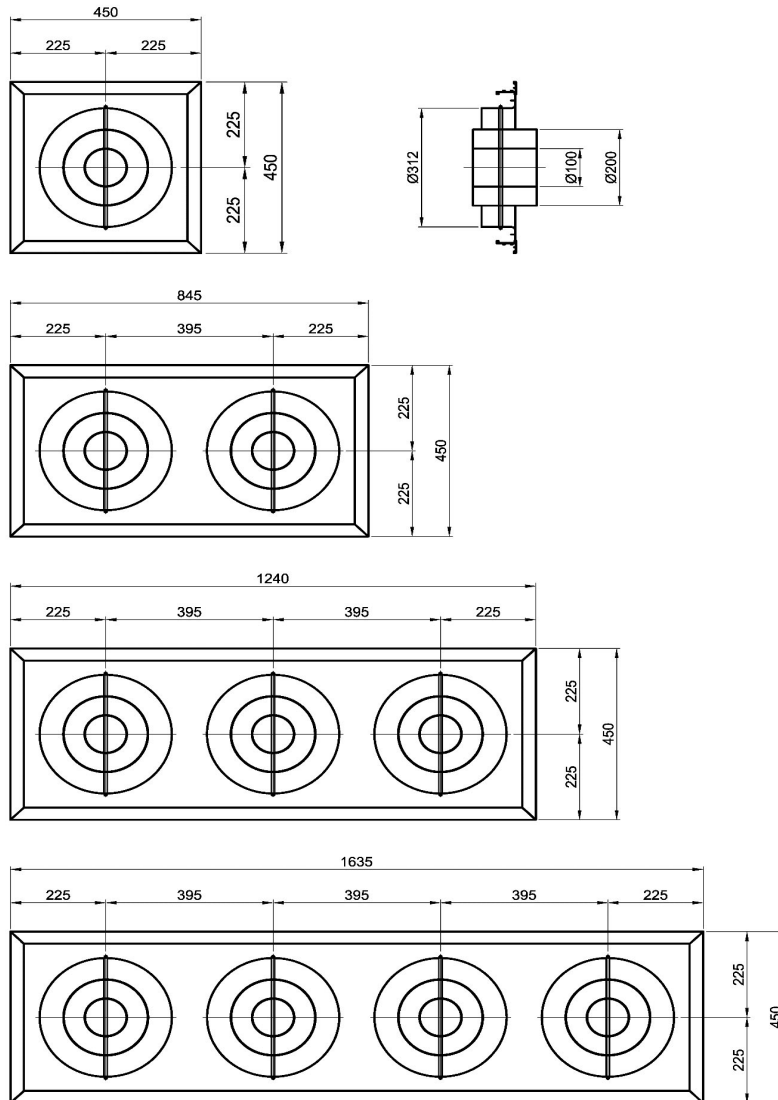
DIFFUSER NR	DIAMETER	BASE	HEIGHT
1	250	354	354
2	250	684	354
3	250	1014	354
4	250	1344	354



LONG THROW CONCENTRIC DIFFUSERS

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KVC315 DIMENSIONS



Dimension in mm of the opening to be made on the side of the duct or in the wall for the correct installation of the plates.

DIFFUSER NR	DIAMETER	BASE	HEIGHT
1	315	419	419
2	315	814	419
3	315	1209	419
4	315	1604	419