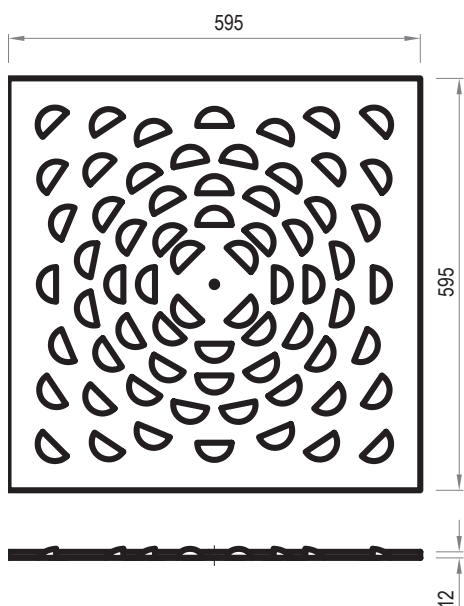
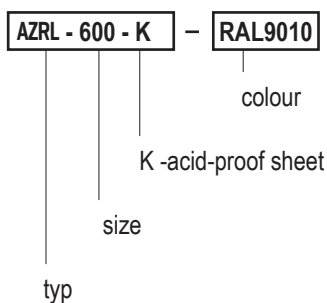


DIMENSIONS



ORDER REFERENCE



DESCRIPTION

AZRL are square, highly inductive diffusers designed for low- and medium-pressure installations. They can be used with constant and variable airflow for rooms as high as 2.4 – 4.4 m. The air can be supplied at the temperature lower or higher than the temperature in the ventilated room. Therefore those diffusers can be used for both – heating and cooling. It is recommended to install AZRL diffusers in the ceiling. Diffusers AZRL are perfect for public buildings like offices, hotels, restaurants, conference halls and everywhere, where comfortable temperature conditions are required. Diffuser sizes are compatible with underslung ceilings panels.

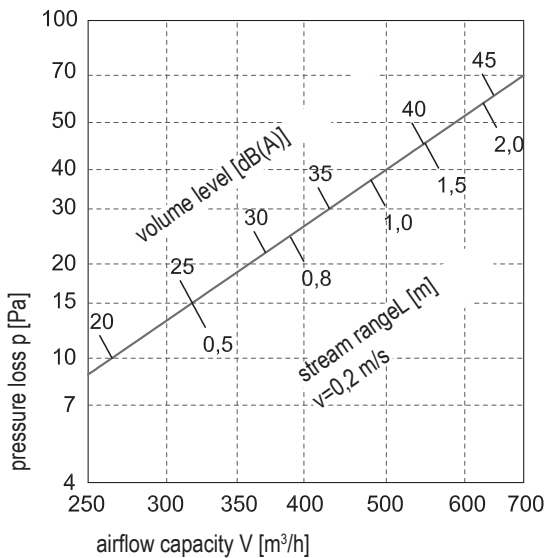
FEATURES

- » Made of steel sheet and available in standard RAL 9010 colour
- » Can be installed with an expansion can AZRS/AZRL
- » Front panel of standard size – 595x595
- » Upon customer's request, can be made in any colour from RAL palette
- » Highly resistant
- » Can be of any size on special order
- » Redrawing a single performance at 50 Pa - 8 m3/h
- » The ability to manufacture acid-proof sheet

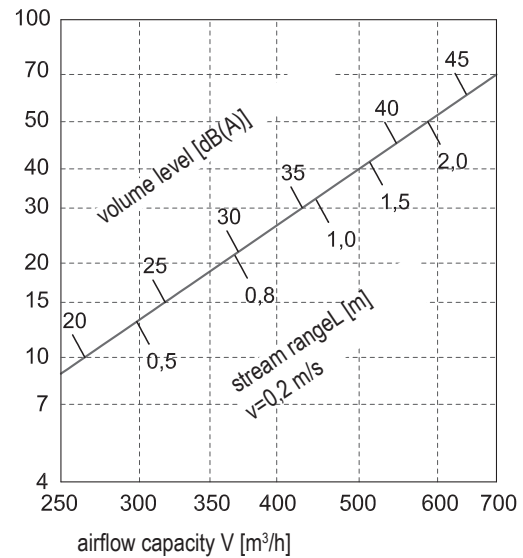
AIRFLOW FEATURES

The figure shows airflow capacity V [m^3/h], pressure loss p [Pa], airflow scope L [m] for end speed of 0.2 m/s, and volume level [db(A)].

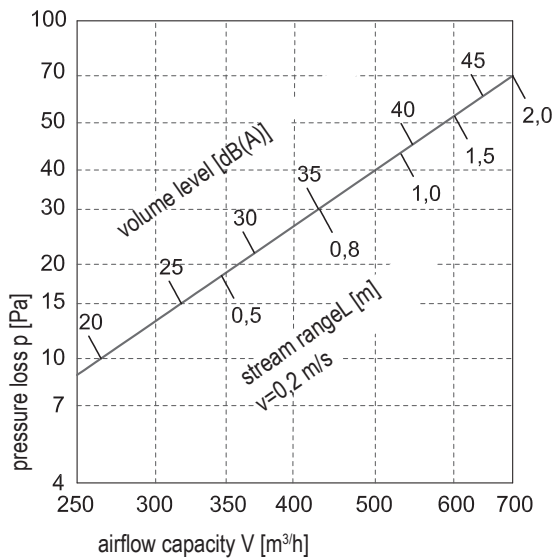
ISOTHERMAL VENTILATION



HEATING



COOLING



INSTALLATION

AZRL are designed for installation with the expansion box AZRS/AZRL.

INSTALLATION IN THE FULL UNDERSLUNG CEILING: prepare an installation hole in the ceiling of a size of the expansion box. Put the expansion box in so that edges stick out by approx. 12 mm from the ceiling panel. Fix it with steel screws. Remember to seal joints.

INSTALLATION IN PANEL CEILING: diffuser together with the expansion box should be installed above the ceiling level so that the front panel of the diffuser sticks evenly to the ceiling panel.