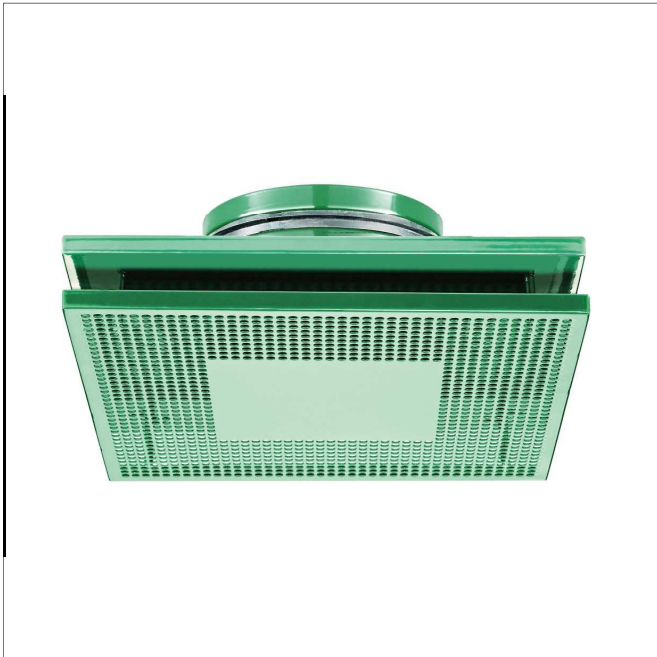


square perforated ceiling air vents



DESCRIPTION

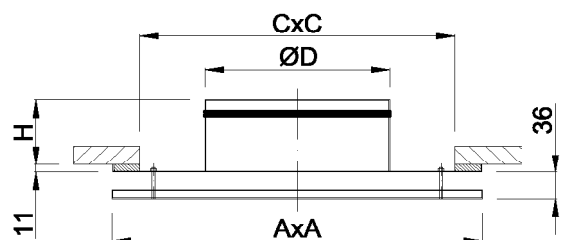
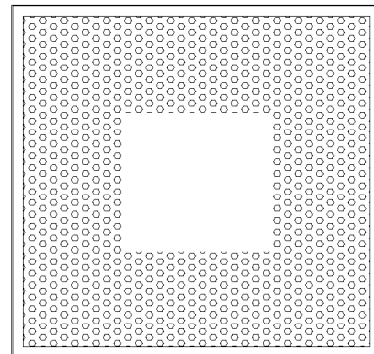
KPNS/CP1 are rectangular, perforated air vents, to be installed in low- and mid-pressure systems. The air vent is designed to work with constant or variable air flow. The air can be supplied with temperature lower by 12 the air vent perfect for cooling rooms which have strict microclimate requirements.

KPNS can work both in air-supply and air-exhaust systems. It is recommended to install it in the ceiling level.

Thanks to their small dimensions and unpretentious looks, the KPNS/CP1 air vents may be easily implemented in modern ceiling systems.

SHORT CHARACTERISTIC

- short stream range
- possibility to install with an SR/ KPNS/CP1 plenum box
- painted with RAL9010 as standard
- can be painted any colour of the RAL palette upon special request

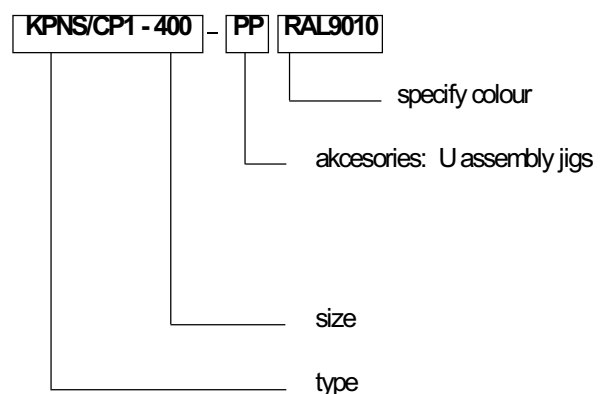


STANDARD VALUES

	125	160	200	250	315	400
ØD [mm]	123	158	198	248	313	398
A [mm]	235	295	395	495	595	595
C [mm]	200	260	360	460	560	560
H [mm]	138	148	158	158	158	158

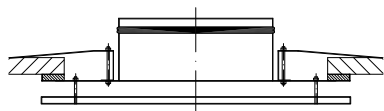
C - size of the mounting hole

ORDER CODE



square perforated ceiling air vents

- Assembly jigs

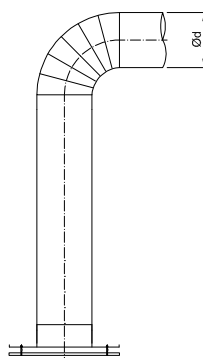


MOUNTING

The KPNS/CP1 air vents may be mounted directly in a round ventilation shaft or in the SR/KPNS plenum box. In both cases, screws or rivets should be used for installation.

In the case of mounting the air vent directly to a false ceiling, it is necessary to make a CxC mounting hole in the ceiling and use factory supplied U-type mounting pegs.

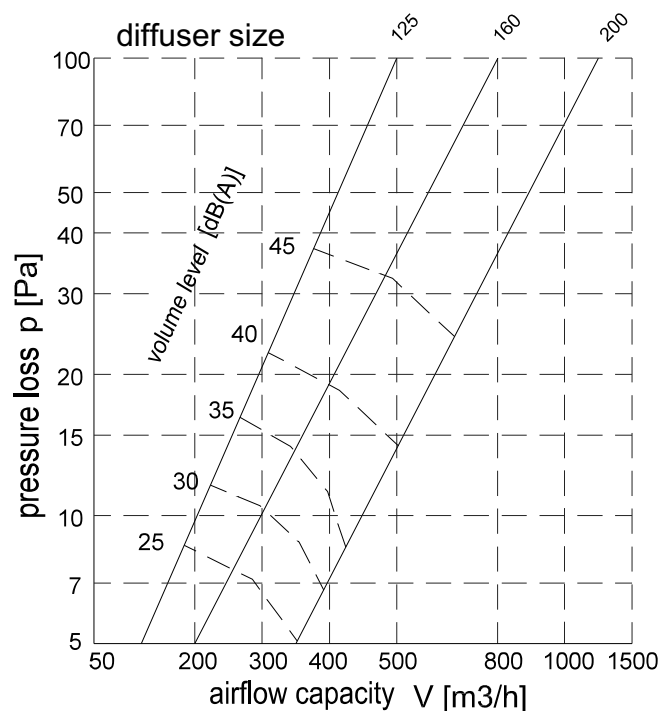
Seal the connection between the ceiling and the air vent.



CHARACTERISTICS

The diagrams present air efficiency V [m³/h], pressure loss p (Pa), stream range L [m] for the final speed of 0.25 m/s and level of loudness [dB(A)].

Given values of stream range L and pressure loss p refer to 4-way air-exhaust from the air vent. In other cases, these values should be updated with data given in the table below.



KPNS/CP1 air vents

