

DKU air diffuser

- Horizontal air distribution in four directions.
- Suitable to be installed in a suspended ceiling.
- Easy opening front panel.
- Duct connection sizes $\text{Ø}100\text{-}315\text{mm}$.

DKU is a rectangular supply and exhaust air device with a perforated front panel designed to be installed in the ceiling.

The air diffuser is provided with a circular air distribution plate that distributes air equally in four directions.

The easily detachable front panel of the air diffuser facilitates easy cleaning of the device and the duct.

The air diffuser is used with the SKDM-plenum box equipped with an adjustment and measuring device.

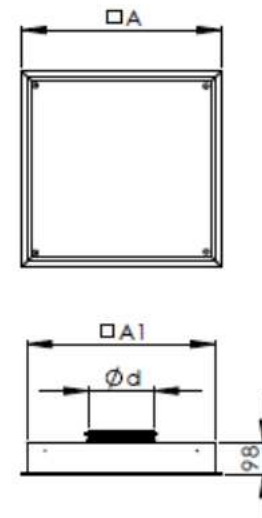


Material and surface treatment

The DKU supply/exhaust air device is made of hot-galvanised steel sheet and painted white (RAL 9010). The pipefitting is provided with a rubber sealing.

Design and sizes

Nominal size $\text{Ø}d - A$ mm	$\text{Ø}d$	$\square A$	$\square A1$	Weight, kg
100-300	100	300	270	2.7
125-300	125	300	270	2.8
125-600	125	595	565	6.8
160-450	160	450	420	4.7
160-600	160	595	565	6.9
200-450	200	450	420	4.7
200-600	200	595	565	6.9
250-600	250	595	565	6.8
315-600	315	595	565	6.7



Marking

DKU	d	A	RAL 7000
Marking	Pipe connection size	Air diffuser size	RAL colour code

Example: DKU 200-450

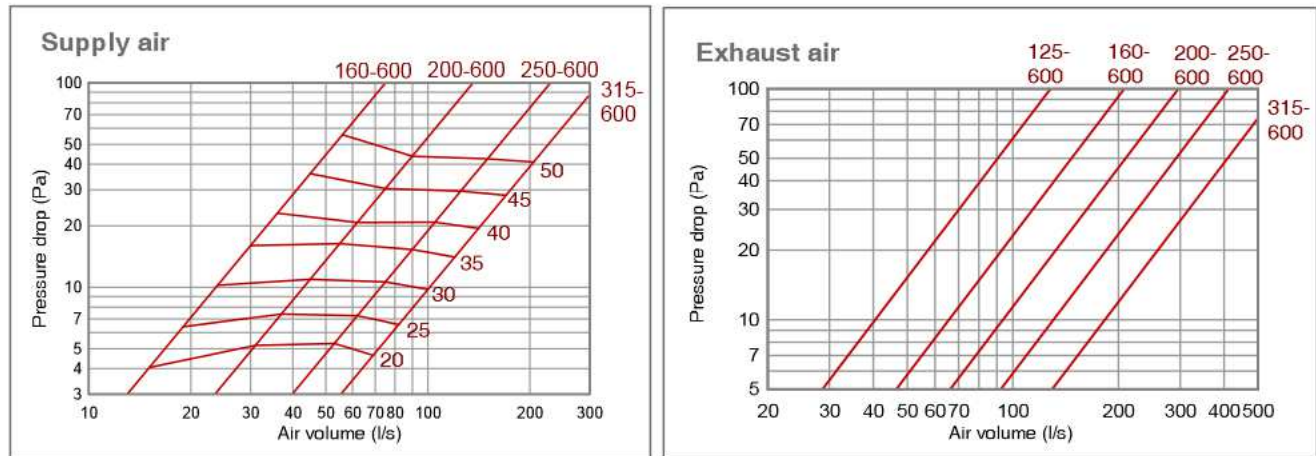
Colour code – used only in case the colour is different from the standard version. The code is chosen according to the required colour in the RAL colour chart.

The standard colour is white RAL 9010.

Additional equipment

SKDM – plenum box

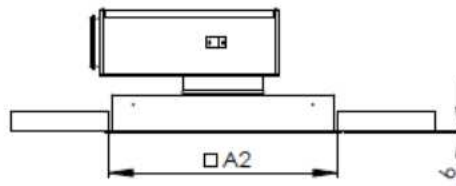
Technical parameters



Installation

The air diffuser may be connected straight to a duct with screws or rivets or it can be connected to the SKDM plenum box. For air distribution open the cover of the device and place an air diffuser plate on the cover of the device.

Nominal size Ød - A mm	□A2
100-300	280
125-300	280
125-600	575
160-450	430
160-600	575
200-450	430
200-600	575
250-600	575
315-600	575



The recommended straight line of the duct before an air diffuser equals with three diameters of the duct (3xD).

If the device is connected to an exhaust duct, the air diffuser plate is not used.

Maintenance

For maintenance of the device remove the front panel. Clean visible parts with a moist cloth.