

DESCRIPTION

OAN are round supply diffusers, designed for low- and medium-pressure installations. They can be used with constant and variable airflow. Air can be supplied vertically or horizontally therefore those diffusers can be used for both – cooling and heating houses and industrial facilities. Supply diffusers can supply large quantities of air. It is recommended to install them in ceiling plane.

FEATURES

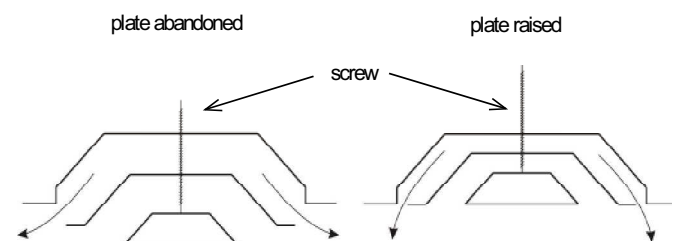
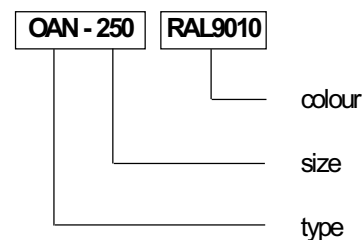
- large airflow stream
- air can be supplied vertically or horizontally (heating or cooling)
- made of zinc-coated sheet and available in standard RAL 9010 colour
- can be installed with an expansion can SR/OAN or directly into the ventilation duct
- upon customer's request, can be made in any colour from RAL palette

STANDARD SIZES

Size	ØL [mm]	ØD [mm]	ØM [mm]	N [mm]	O [mm]	P [mm]	Weight [kg]
125	305	124	270	82	9,5	10	1,0
160	305	159	270	82	13	10	1,0
200	378	199	330	84	14	13	1,5
250	477	249	420	99	17	16	2,2
315	591	314	530	116	20	20	3,4
400	690	398	630	128	24	24	5,1

ØM - installation hole size

ORDER REFERENCE



round supply diffusers

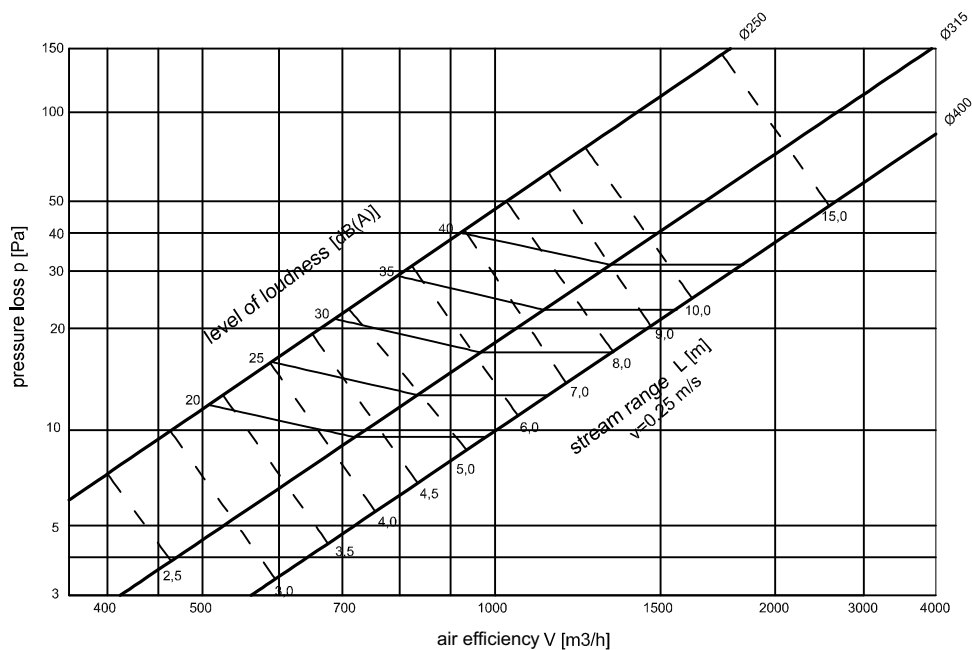
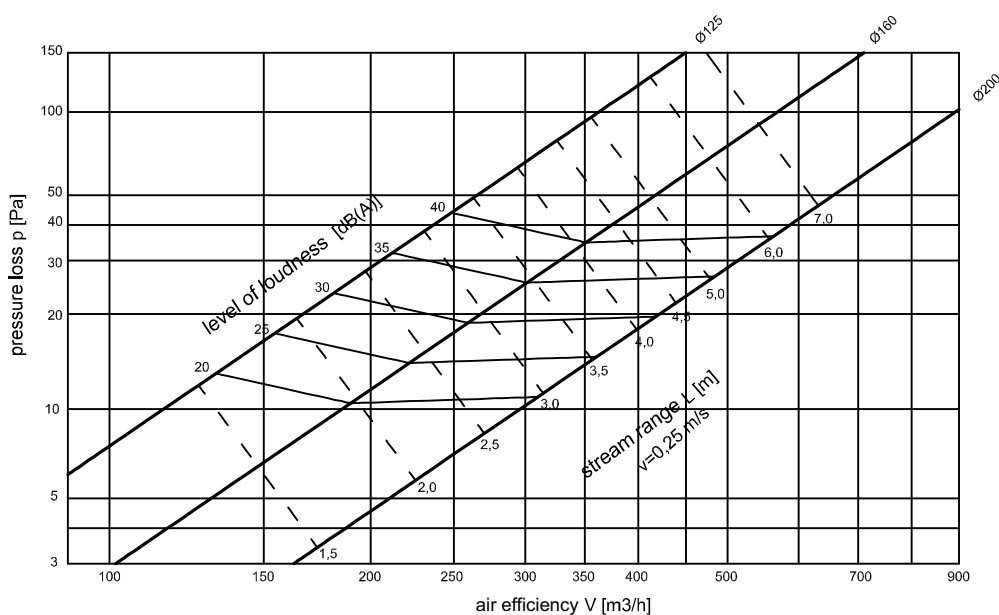
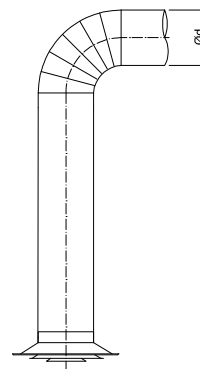
INSTALLATION

OAN diffusers can be installed directly in the round ventilation duct or expansion box SR/OAN. In both cases rivets or screws should be used for installation.

FEATURES

The figure shows airflow capacity V (m³/h), pressure loss p (Pa), airflow scope L (m) for end speed of 0.25 m/s, and volume level [db(A)].

The airflow scope L relates to isothermal air supply.



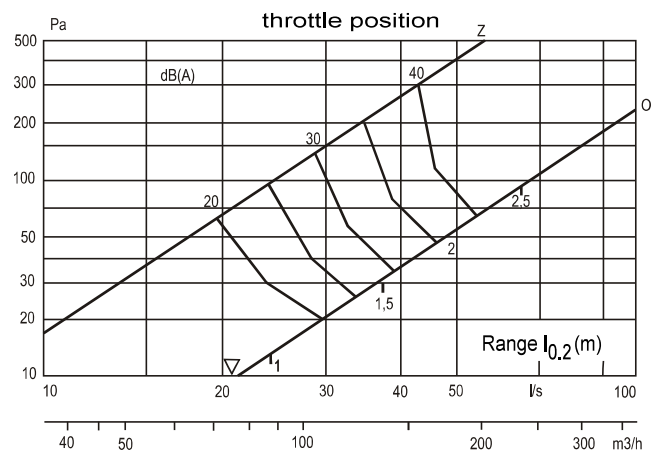
CWK Ltd. reserves the right to introduce changes in technical data

Flow - Pressure drop - Sound level - Range

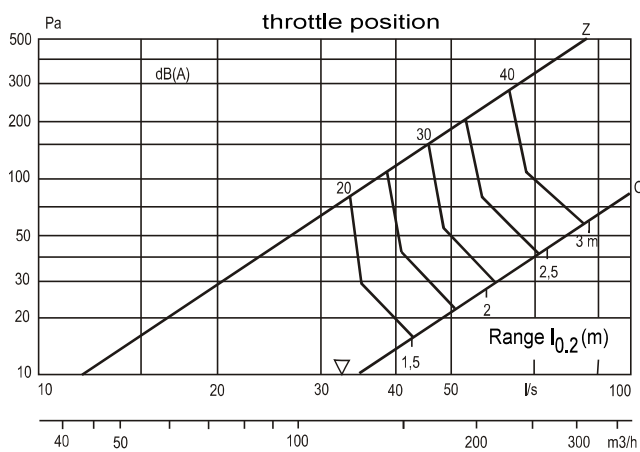
Characteristics can not be used for adjustment.

▽ - Adjustable minimum flow

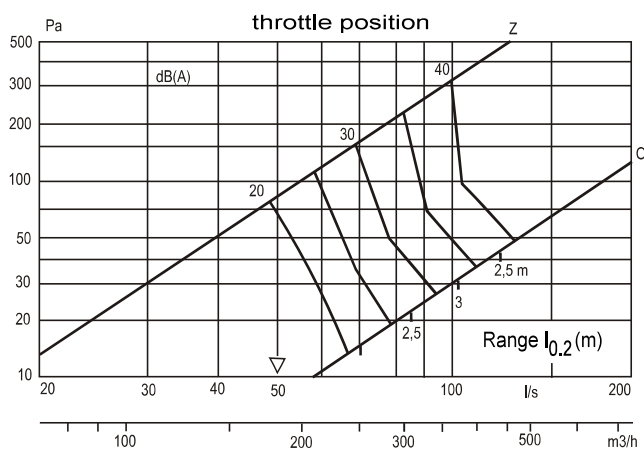
OAN 125 + SR/OAN horizontal outflow



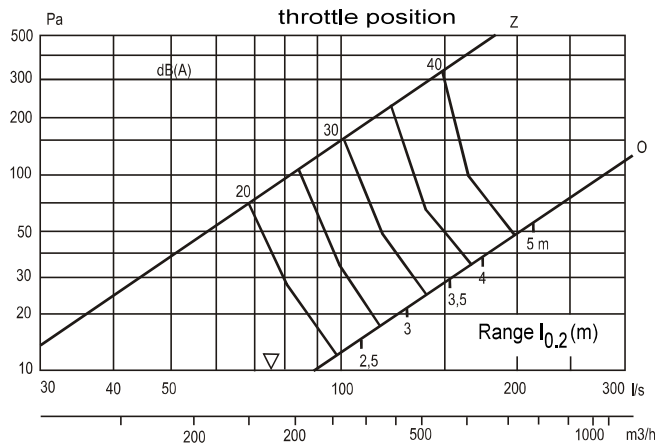
OAN 160 + SR/OAN horizontal outflow



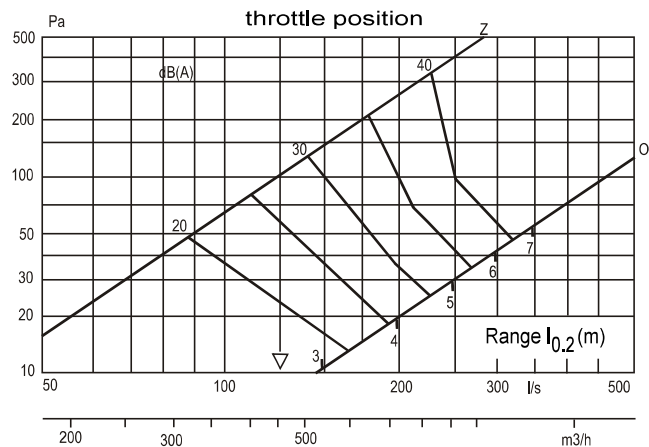
OAN 200 + SR/OAN horizontal outflow



OAN 250 + SR/OAN horizontal outflow



OAN 315 + SR/OAN horizontal outflow



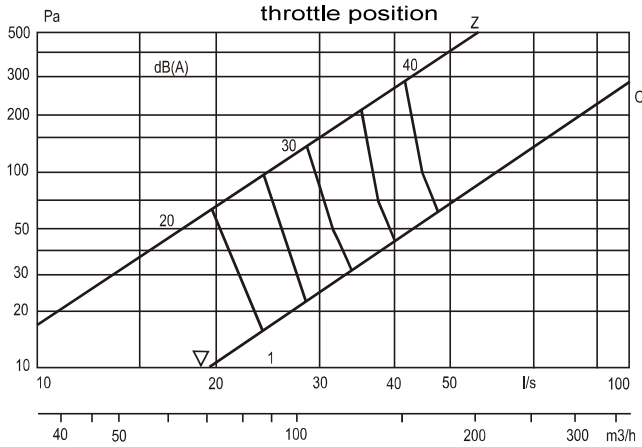
round supply diffusers

Flow - Pressure drop - Sound level

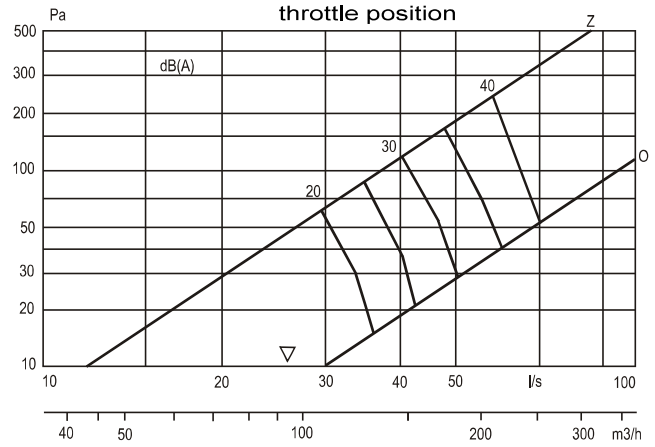
Characteristics can not be used for adjustment.

▽ - Adjustable minimum flow

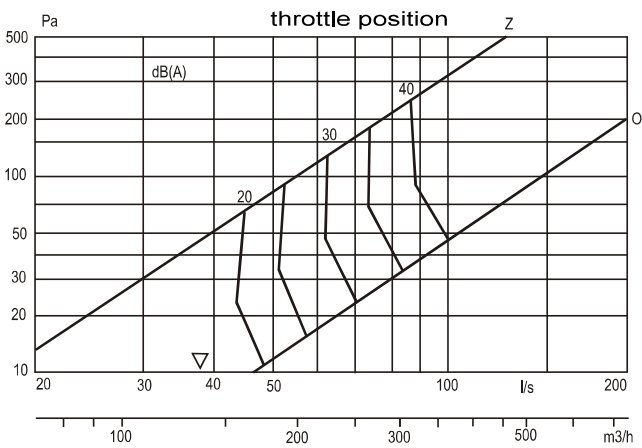
OAN 125 + SR/OAN Vertical outflow



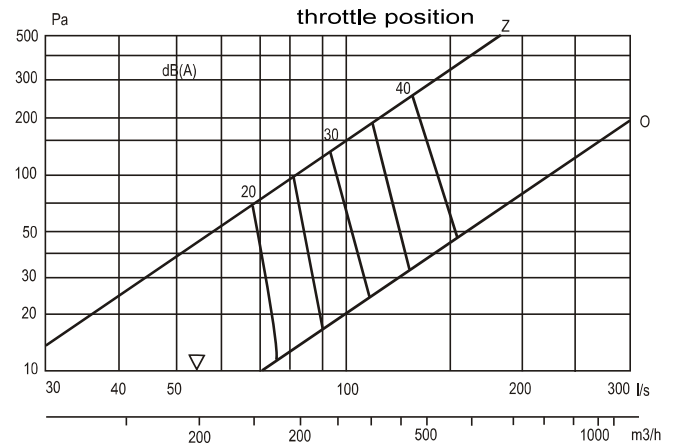
OAN 160 + SR/OAN Vertical outflow



OAN 200 + SR/OAN Vertical outflow



OAN 250 + SR/OAN Vertical outflow



OAN 315 + SR/OAN Vertical outflow

