

## 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 9003 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

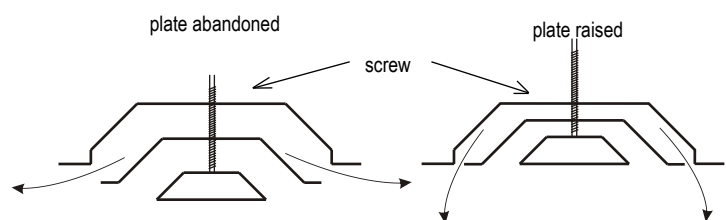
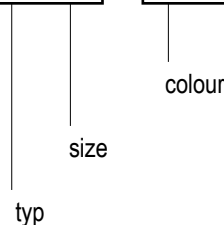
## STANDARD SIZES

Size	Ø L [mm]	Ø D [mm]	Ø M [mm]	N [mm]	O [mm]	P [mm]	Mass [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	600	398	540	128	24	24	5,1

Ø M - installation hole size

## ORDER REFERENCE

**OAN - 250** – **RAL9003**



# 2.12 OAN

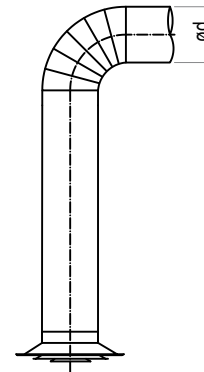
## round supply diffusers

### INSTALLATION

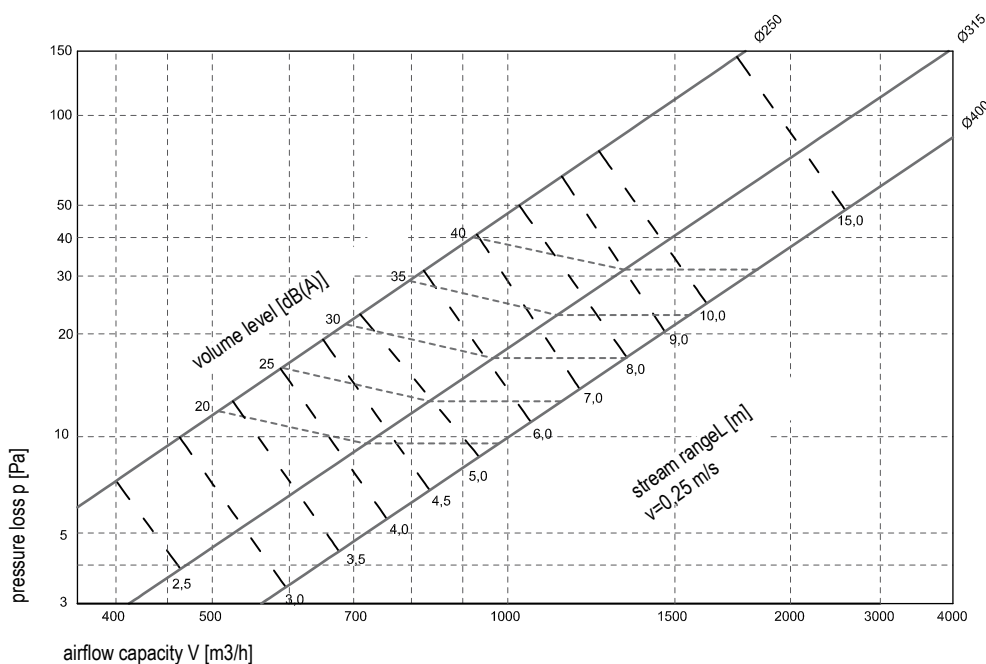
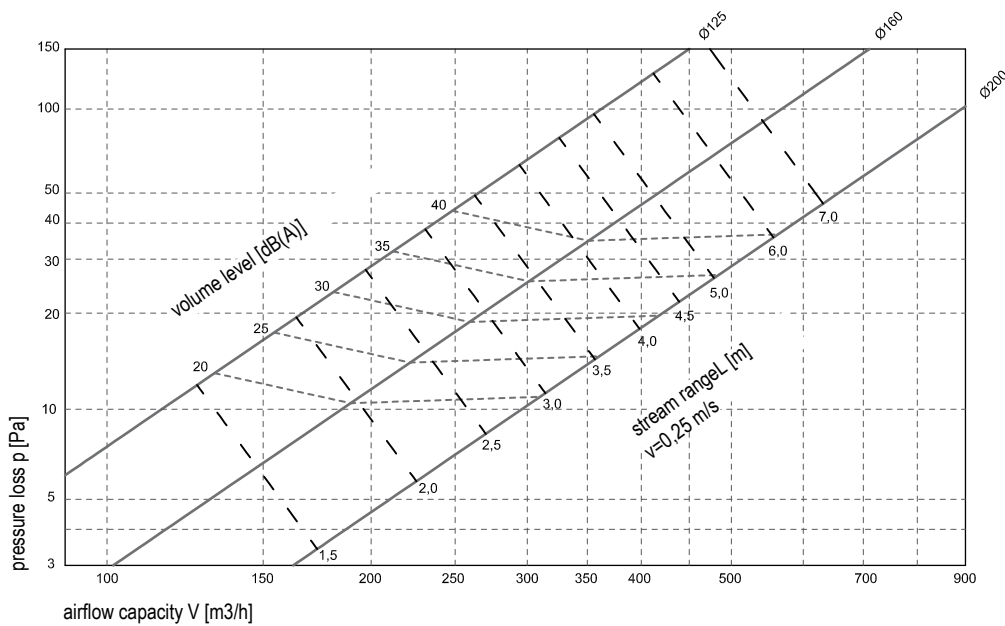
OAN diffusers can be installed directly in the round ventilation duct or expansion box SR/OAN. In both cases rivets or screws should be used for installation.

### FEATURES

The figure shows airflow capacity  $V$  (m<sup>3</sup>/h), pressure loss  $p$  (Pa), air-flow 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.

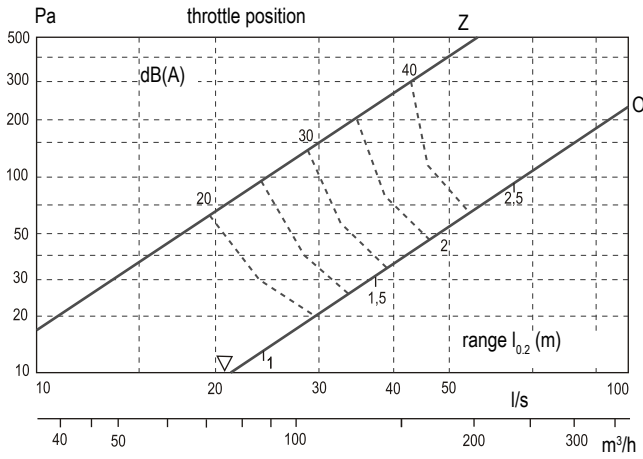


connection diameter

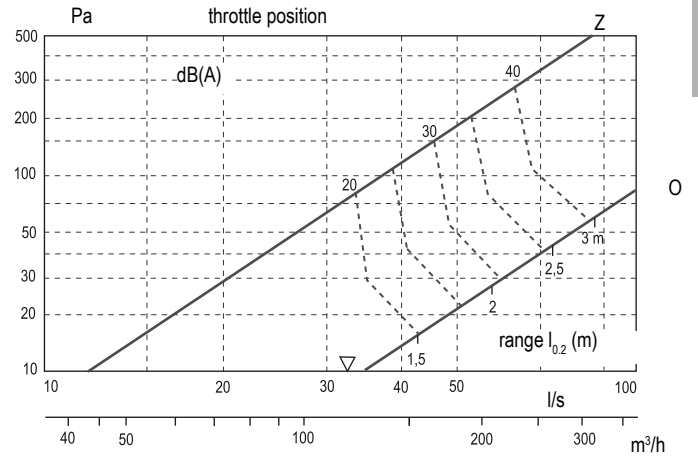


**FLOW - PRESSURE DROP - SOUND LEVEL - RANGE**

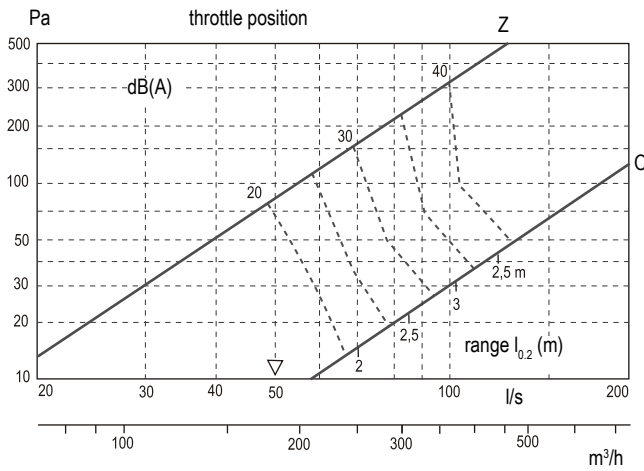
**OAN 125 + SR/OAN HORIZONTAL OUTFLOW**



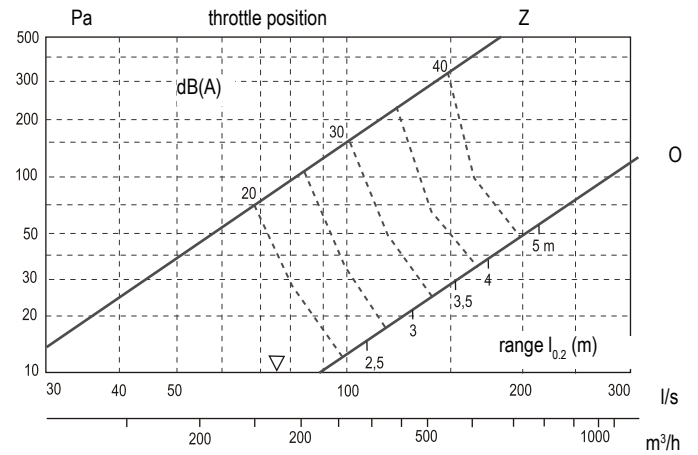
**OAN 160 + SR/OAN HORIZONTAL OUTFLOW**



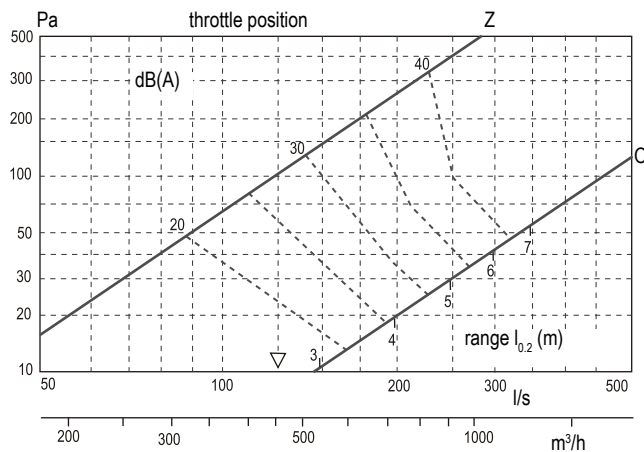
**OAN 200 + SR/OAN HORIZONTAL OUTFLOW**



**OAN 250 + SR/OAN HORIZONTAL OUTFLOW**



**OAN 315 + SR/OAN HORIZONTAL OUTFLOW**



Characteristics can not be used for adjustment.

▽ - Adjustable minimum flow

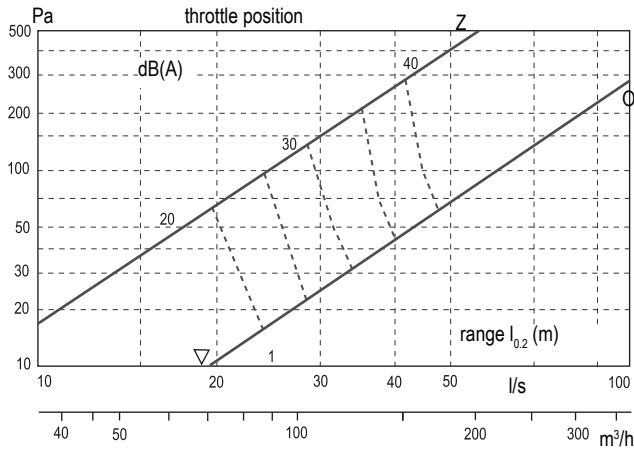
# 2.12 OAN

## round supply diffusers

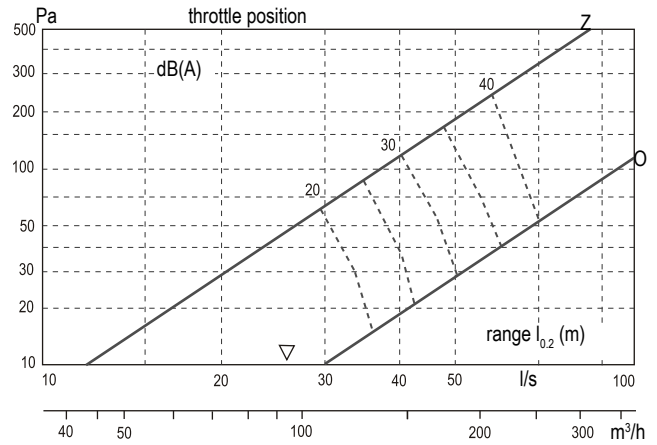
FLOW - PRESSURE DROP - SOUND LEVEL

2

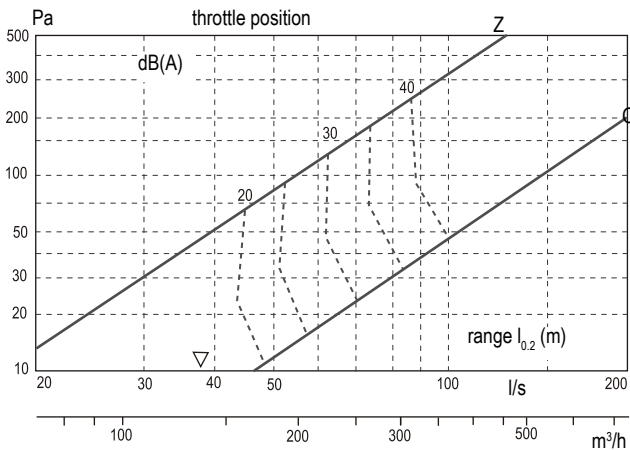
**OAN 125 + SR/OAN VERTICAL OUTFLOW**



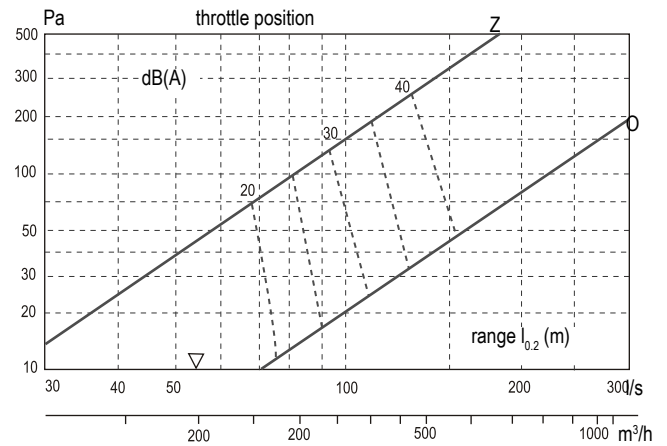
**OAN 160 + SR/OAN VERTICAL OUTFLOW**



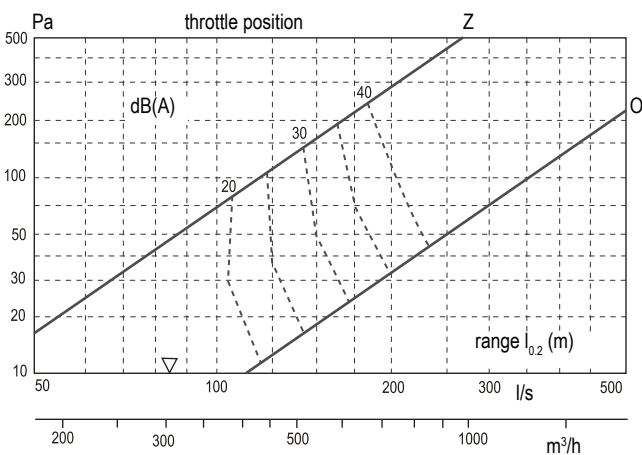
**OAN 200 + SR/OAN VERTICAL OUTFLOW**



**OAN 250 + SR/OAN VERTICAL OUTFLOW**



**OAN 315 + SR/OAN VERTICAL OUTFLOW**



Characteristics can not be used for adjustment.

▽ - Adjustable minimum flow