

DESCRIPTION

ONW are round displacement diffusers designed for installation the floor. They are designed for slow supply of larger quantities of air directly to the zone of human presence. The airflow can be adjusted by adjustable sinusoidal nozzles RD. Additional equipment includes: plinth C to set the diffuser on the floor and a throttle PT with a silencer.

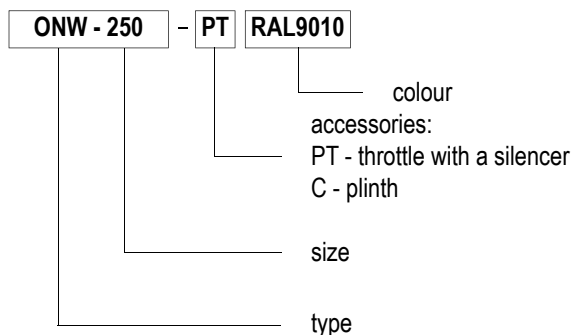
FEATURES

- supplying larger quantities of air directly to the zone of human presence
- airflow stream angle adjusted by sinusoidal RD nozzles (4)
- for places where particular air conditions are required
- simple installation
- diffusers made of steel sheet
- available in standard RAL 9010 colour
- upon customer's request, can be painted in any colour from RAL palette

STANDARD SIZES

Size	Ø A [mm]	B [mm]	Ø D [mm]	Weight [kg]
125	245	600	123	7
160	280	600	158	10
200	320	900	198	15
250	370	900	248	18
315	440	1480	313	23
400	520	1980	398	29
500	620	1980	498	36
630	750	1980	628	45

ORDER REFERENCE

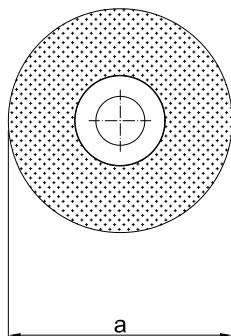


round displacement diffusers

AIR SUPPLY LAY OUT

Figures below show the way the air is diffused in the room.

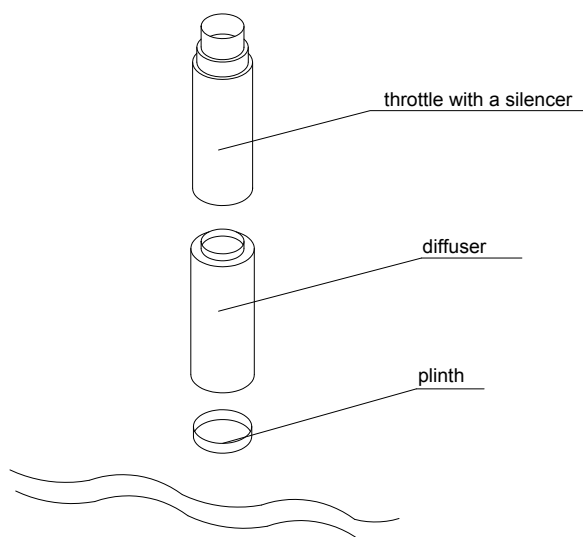
Figures a and b show the size of zone where air speed comes to 0.2 m/s for air supply at the temperature lower by 3°C than the temperature in the ventilate room.



Top view

INSTALLATION

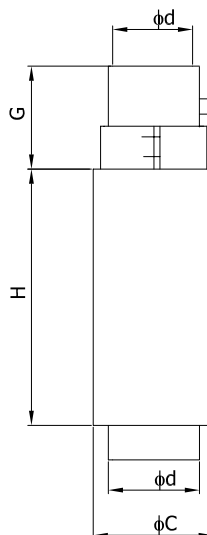
ONW diffusers are designed for installation in the floors. Depending on the purpose and installation surface, use appropriate installation slings. NWN should be connected to the round ventilation duct.



ACCESSORIES

PT - Throttle with a silencer

It is designed for adjusting the airflow going through the diffuser. Additionally equipped with an acoustic silencer.



PT	ØC [mm]	Ød [mm]	G [mm]	H [mm]
125	230	125	230	600
160	260	160	230	600
200	300	200	230	600
250	350	250	250	600
315	415	315	260	900
400	500	400	300	900
500	600	500	300	900
630	730	630	300	900

FEATURES

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

