

DESCRIPTION

NWMP-2 are displacement diffusers for small flows designed for supplying small quantities of air directly to the zone of human presence. NWMP-1 diffusers are installed in steps between floor levels in theatre halls, cinema halls or lecture halls. The air should be supplied at the temperature lower than the temperature in the ventilated room. The airflow can be adjusted by a throttle placed in the feeding channel.

FEATURES

- supplying small quantities of air directly to the zone of human presence
- airflow stream angle adjusted by sinusoidal RD nozzles (8)
- simple installation
- does not require exploitation service
- diffusers made of zinc-coated steel sheet
- available in standard RAL 9010 colour
- upon customer's request, can be painted in any colour from RAL palette

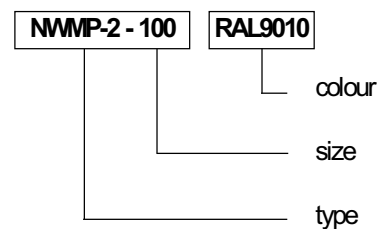
INSTALLATION

NWMP-2 diffusers are installed directly in steps between floor levels through installation holes using screws, or springs.

STANDARD SIZES

Size	ØD [mm]	ØD2 [mm]	C [mm]	H [mm]
100	99	180	30	45

ORDER REFERENCE

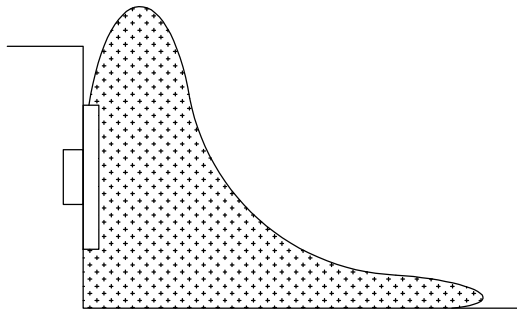


displacement diffusers for small flows

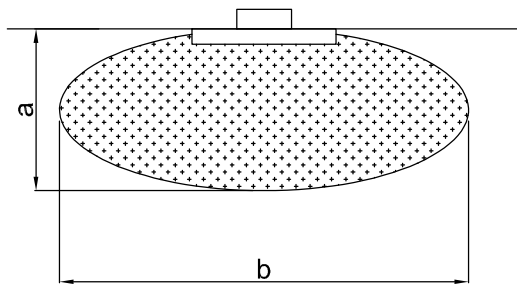
AIR SUPPLY LAY OUT

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.



Side view



Top view

FEATURES

The figure shows airflow capacity V (m³/h), pressure loss p (Pa), airflow scope a and b (m) for end speed of 0.2 m/s, and volume level [dB(A)].

