

## TSR Basic Diffusers

### Air supply diffuser for visible ceiling installation in a range of settings



- Suitable for Visible Installation
- Air Supply Diffuser
- Complete with Plenum Box
- Sound-Insulated Diffuser Unit

[Find more details in our online catalogue](#)

#### Discrete Visual Appearance

The TSR supply diffuser has a discrete, practically invisible appearance for installation in a range of settings.

#### Sound-Insulated

The TSR supply diffuser is supplied with a plenum box fitted with fibre-free sound insulation for quiet operation.

#### Ceiling Mounting

The diffuser is fixed securely by screwing up into the ceiling from the inside of the unit.

Available in different sizes, the TSR ceiling diffuser provides an efficient air supply in settings where a visible installation is unavoidable. Its discrete visual appearance means it is an unobtrusive option. The TSR comes complete with a plenum box that is fitted with a removable damper, test points and fibre-free sound insulation. The TSR is suitable for cooled air with a maximum of  $\Delta T$  of 12K.

The TSR is manufactured from galvanised sheet metal with a signal white powder-coated finish and is available in the following diameters:  $\varnothing$  100,  $\varnothing$  125,  $\varnothing$  160,  $\varnothing$  200 and  $\varnothing$  250. The device can also be used to extract air. The diffuser is fixed by screwing it up into the ceiling from the inside of the unit. The front plate is easily removable by pulling it straight out. The sound-absorbing material is cut out of the diffuser's centre to make room for the screws. The diffusers normally require no maintenance but may be cleaned with lukewarm water and a mild detergent.

## Technical parameters

### Nominal data

Air flow(s)	174; 210; 249	m³/h
Duct connection type	Circular	
Pressure drop	42; 62; 89	Pa
Sound power level	24; 29; 34	dB(A)
Sound pressure level (10 m² room absorbtion area)	20; 25; 30	dB(A)

### Dimensions and weights

Weight	3	kg
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## Documents

- InstalMaintenOperInstr\_PP-100-02\_TSR\_EN
- TSR\_DoC\_EN
- UserManual\_TSR\_EN\_201309
- UserManual\_TSR\_EN\_201309\_\_en-GB\_