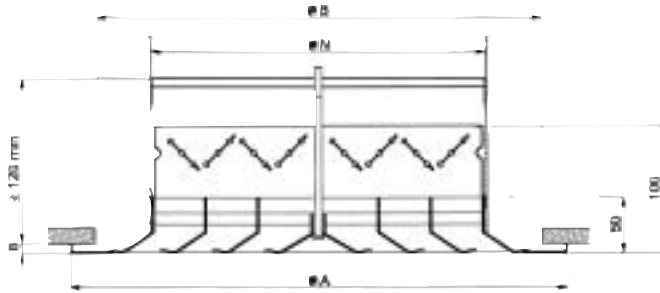


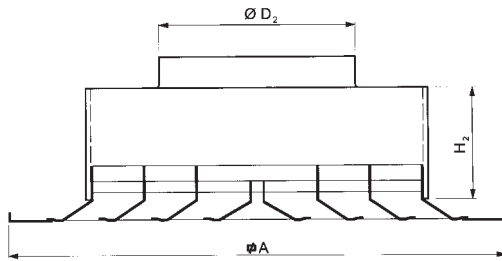
# FIXED STEEL DIFFUSER D-400

## Installation dimensions

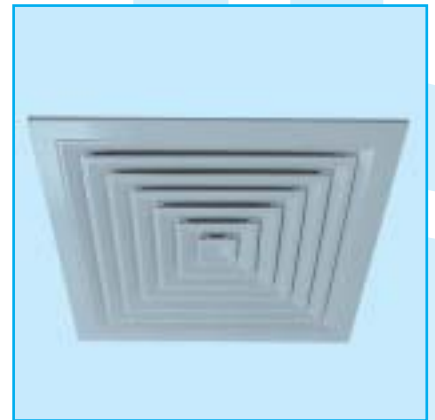
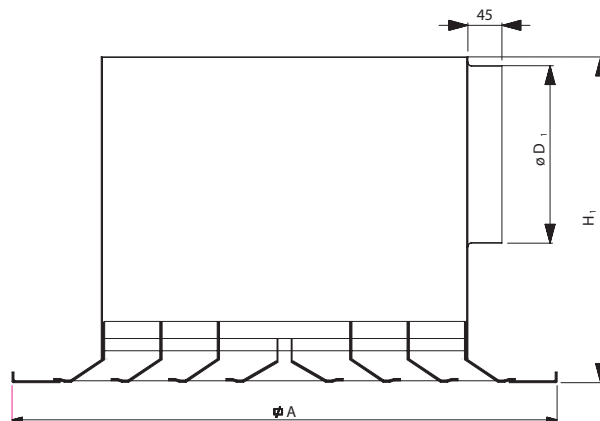
DD400 + DT008 + GR002



D-400T



D-400S



## Application

The diffuser type D-400 is used for the supply and exhaust of cooled or heated air in facilities such as offices, shopping centres, conference rooms, ...

The diffuser can be mounted in the ceiling and has a fixed 4-way horizontal air pattern.

## Technical information

### Characteristics :

- Square diffuser with fixed 4-way horizontal air pattern
- Available in multiples of 75mm from 150 up to 450 mm.
- Fixing with plenum possible; with or without damper in inlet collar
- plenum delivered separately

### Construction:

- galvanised steel, painted white (RAL9010)

Size	□A	□B	□N	ØD <sub>1</sub>	ØD <sub>2</sub>	H <sub>1</sub>	H <sub>2</sub> (1)
150	294	210	150	125	125	240	100
225	369	280	225	200	200	315	150
300	444	360	300	200	250	315	150
375	519	430	375	315	315	430	210
450	594	510	450	315	355	430	210

All dimensions in mm.

(1): Size H<sub>2</sub> with damper; without damper, H<sub>2</sub>=120mm.

□B= min. ceiling opening

## Specifications description

### Example:

Square steel diffuser with fixed inner rings (4-way) for lay-on T-bar, complete with a damper.  
The diffuser is painted white (RAL 9010).

**Type:** DE400 + GT007  
size ... mm

## Accessories

- **GT007:** Opposed blade damper for DE400.  
Construction out of galvanised sheet steel, painted black.  
Operated directly at the damper after removing the core.  
For further information, see p.1 290.
- **DT008:**  
Opposed blade damper for DD400 or DF400.  
Construction out of galvanised sheet steel, painted black.  
Operated by a key through the diffuser core.
- **GR002:**  
Steel mounting support (only for DD400).

## Fixing

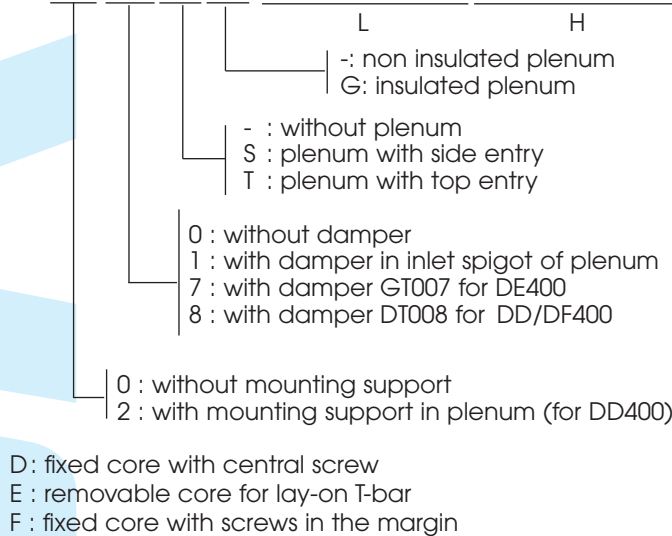
- **DD400:** central screw fixing with mounting support GR002.
- **DE400:** lay-on T-bar.
- **DF400:** with 4 visible screws in the margin.

## How to order

DD400 size 300 x 300 mm with damper DT008 , mounting support GR002 and insulated plenum DP100SG

### a) Diffuser

D	D	4	2	8	S	G	0	3	0	0	0	3	0	0
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### b) Mounting support

G	R	0	0	2	-	-	0	3	7	5	0	3	7	5
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For DD400

Size

**\*REMARK:** For further information about plenum box see p. 8 010

## Possible deliveries

- **DD400** : fixed core with central screw fixing.

DD408  
DD420S - DD420SG  
DD420T - DD420TG  
DD421S - DD421SG  
DD421T - DD421TG  
DD428S - DD428SG  
DD428T - DD428TG

- **DE400** : removable core without screw holes.

DE407  
DE400S - DE400SG  
DE401S - DE401SG  
DE407S - DE407SG  
DE400T - DE400TG  
DE401T - DE401TG

- **DF400** : fixed core with screw fixing in the margin.

DF408  
DF400S - DF400SG  
DF408S - DF408SG  
DF400T - DF400TG  
DF408T - DF408TG

- **DD/DE400P** : DD/DE400 integrated in false ceiling plate 594 x 594 mm. For further information, see p. 2 500.