

Plenum boxes for NCD-S diffusers

PRK**Description**

The PRK plenum boxes connect the ductwork ends to square diffusers in low - or medium-pressure ventilation systems.

A plenum box stabilizes the air supply, providing uniform air flow rate before the air enters the diffuser. The ductwork is connected to the plenum box inlet port at the side or from above, depending on the product type. The inlet port can be provided with a damper.

ALNOR fabricates plenum boxes lined with flexible and heat-resistant 9 mm thick rubber insulation mats.

Custom plenum boxes manufactured as per customer specifications are also available.

Symbols:**Type of connection:**

B - side inlet

G - top inlet

Equipment:

D - with air damper

Insulation:

I - insulated

Finish:

The standard version is supplied unpainted.

RAL 9016 powder-coat finish is available on request.

Available materials - Product code examples

PRK-...-...-... - galvanized steel sheet

PRK-...-K-...-... - 1.4301/304 stainless steel sheet

Product code example

Product code: **PRK - 295 - B - D - I - Ød**

type

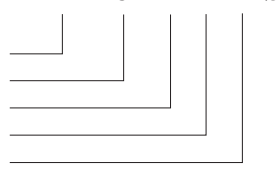
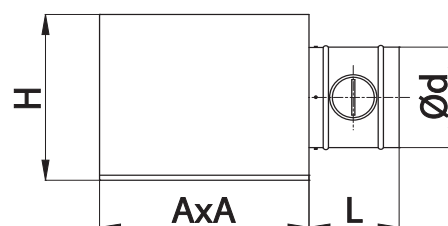
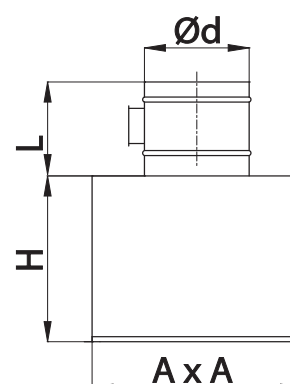
size

connection

equipment

insulation

diameter

**Dimensions****Type B — side inlet****Type G — top inlet**

Size	Diffuser type (mm)	A x A (mm)	H (mm)	Max. Ød (mm)	Standard Ød (mm)	L (mm)
295	295-295	138x138	200	125	80	165
370	370-370	215x215	250	200	160	165
445	445-445	293x293	350	280	160	165
520	520-520	364x364	350	315	200	165
595	595-595	440x440	400	355	200	165