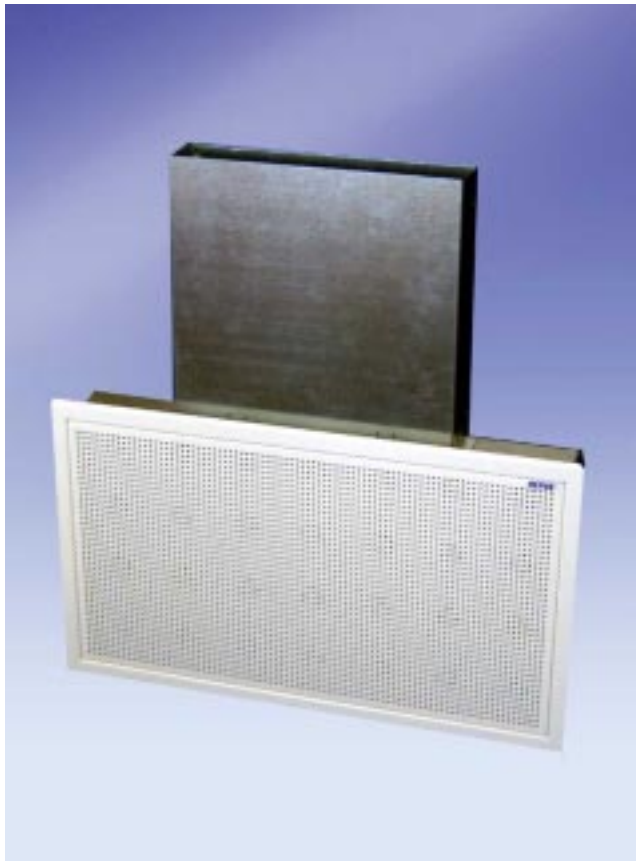
REPUS® supply air panel INC/INR/INU

For Mounting in Builders Work Recess and in False Ceilings

- **Air Volumes 15 to 200 l/s**
- **Short adjustable adjacent zone.**
- **Radial spread of air.**
- **Stable and rigid front.**
- **Maintenance free.**
- **Flat front without screws.**



Function

INC/INR/INU panels can be used in any type of system, to provide a displacement ventilation system giving improved air quality and lower temperatures in the occupied zone than with traditional systems.

The internal REPUS®-nozzles provide a constant air distribution over the entire face area without risk of draught. As no filter or foam media is used in manufacture the panel is maintenance free with no risk of clogging.

Purpose

To provide installation in Builders Work Casings especially in stud walls where the void formed by the studs and dry lining can be used as a supply duct giving an economical solution to the supply of air to small offices or changing rooms where silent operation and minimum adjacent zone is essential. Storage areas can be kept dry and free of smells with minimum fresh air quantities.

Design

INC with circular connection

INR with rectangular connection

INU without casing for mounting in a plenum.

The panels are manufactured from galvanised sheet steel.

Front thickness 1,25 mm.

Standard finish is white (RAL9010).

Accessories

Rectangular wall duct.

Applications

Any building where Builders Work Recesses or stud walling form part of the construction or where columns are being boxed in.

All are suitable for VAV-systems and still operate as displacement units even on minimum air flows.

Specials

Stainless steel face.

Other RAL colours.

Alternative size.

Reinforced front.

The REPUS® design system has been used to build special units for many years and hundreds of successful installations have been carried out. We have developed the method to quickly and accurately calculate all neccessary data for specials.

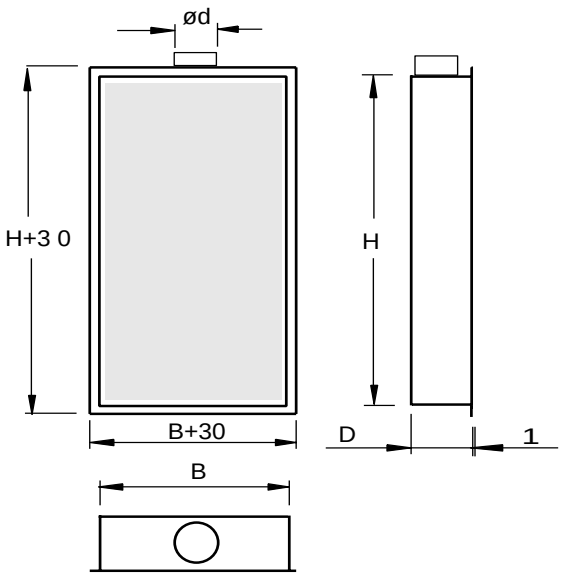
Please contact us for more information.

Technical data

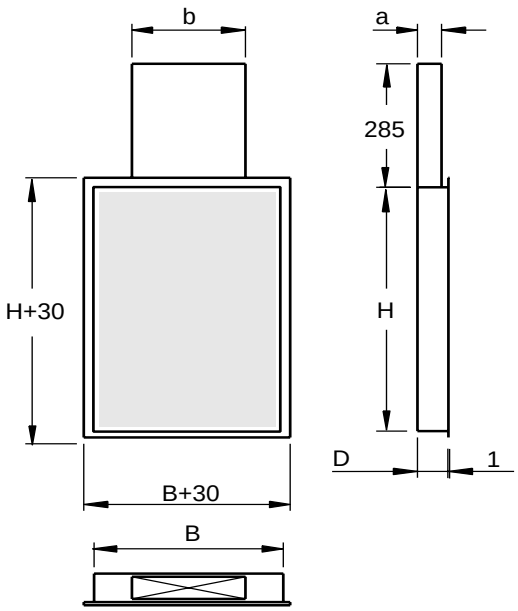
Pressure drops, sound data and adjacent zone are given in the diagrams. Sound levels are shown at 10 m² Sabine.

Dimensions and weight.

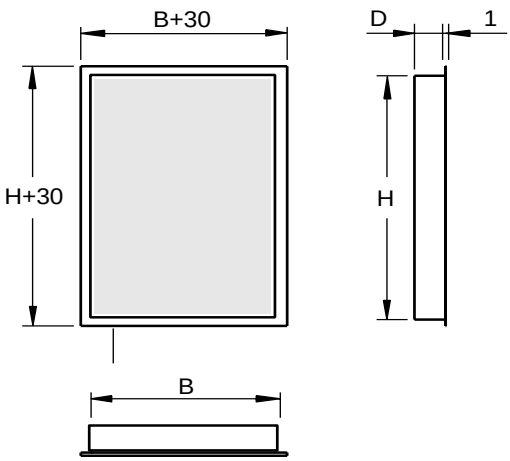
Size	ø d	H	B	D	F	kg	Note.
INC 1206	250	1155	555	350	40	18	
INC 2006	250	1955	555	350	40	25	



Storlek	a	b	H	B	D	kg	Anm.
INR 0305	60	300	300	540	80	7.0	min 70 mm regel
INR 0705	70	400	700	540	105	9.0	min 95 mm regel
INR 0905	70	500	900	540	105	11.0	min 95 mm regel



Size	H	B	D	F	kg	Note.
INU 0305	296	536	32	40	3.0	min 70 mm stud
INU 0705	696	536	32	40	6.0	min 70 mm stud
INU 0905	896	536	32	40	8.0	min 70 mm stud



Product code

INabbbb.ccc

Type
C = Circular connection
R = Rectangular connection
U = Without plenum box

Size
0305, 0705,0905,1206,2006

Spigot size in mm
ø250, ø315, 300x60, 400*70, 500*70

Accessories

Rektangular duct with a loose spigot. Lengt 2,0 m

INRD.aa

3060 = Kanal 300x60/2000
4070 = Kanal 400x70/2000
5070 = Kanal 500x70/2000

Descriptive text

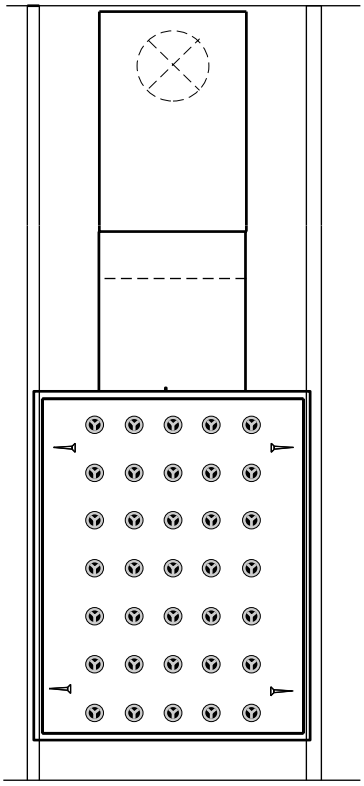
REPUS® supply air panel.
Type.....
The panel must be equipped with REPUS® nozzles for internal air distribution.
Material: Galvanised sheet steel
Paint: White (RAL 9010)
Accessories:

Maintenance

The panel is designed for ease of maintenance. The front is easy to dismantle if cleaning is necessary. To clean the panel use a damp cloth and a mild detergent.

Installation

The panels are designed to be mounted in a wall recess.



INC

1 The casing is mounted between two vertical studs using screws or nails. The lower edge of the casing should be approx. 100 mm above the floor.

2 The lower fixing holes will require wall plugs while the upper two screws go directly into the unit casing.

INR

1 Cut the wall duct to a suitable length so that the spigot overlaps the duct by approximately 100 - 200mm.

2 Screws or nails are used to fix the casing and wall duct between two vertical studs.

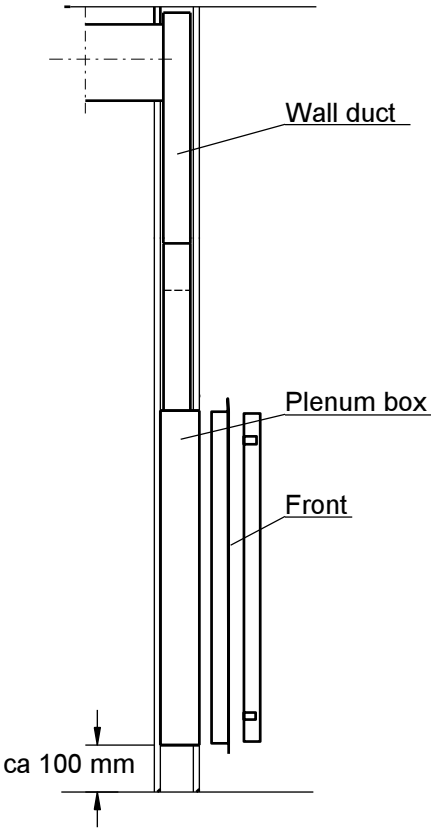
3 Connect the wall duct to the main duct run. Fix the wall duct to the spigot using pop rivets and seal at the connection to the casing.

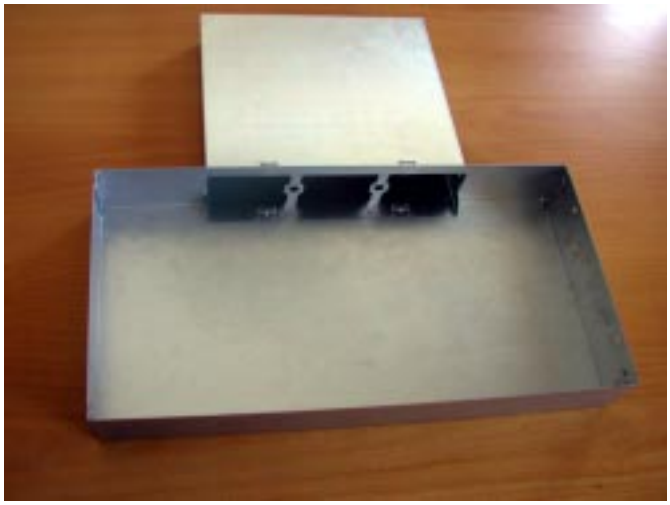
4 Mark the fixing holes and use plugs at both top and bottom. Fixing screws are provided.

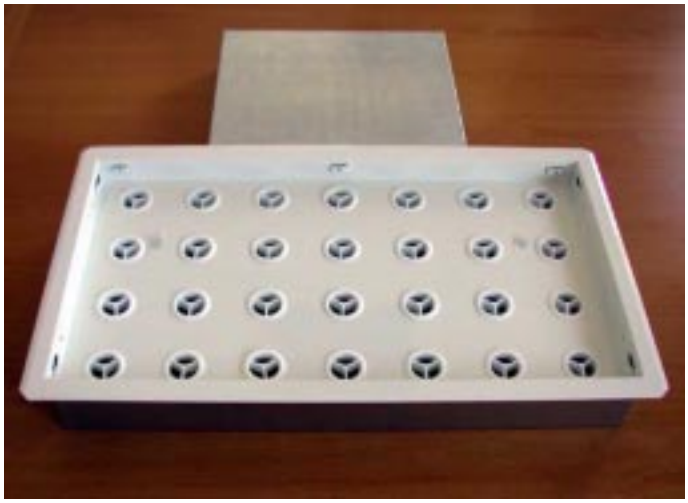
INU

1 The nozzle plate is mounted into the builders work plenum using suitable fixings.

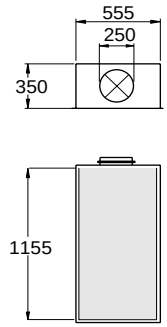
2 The front grille is provided without.

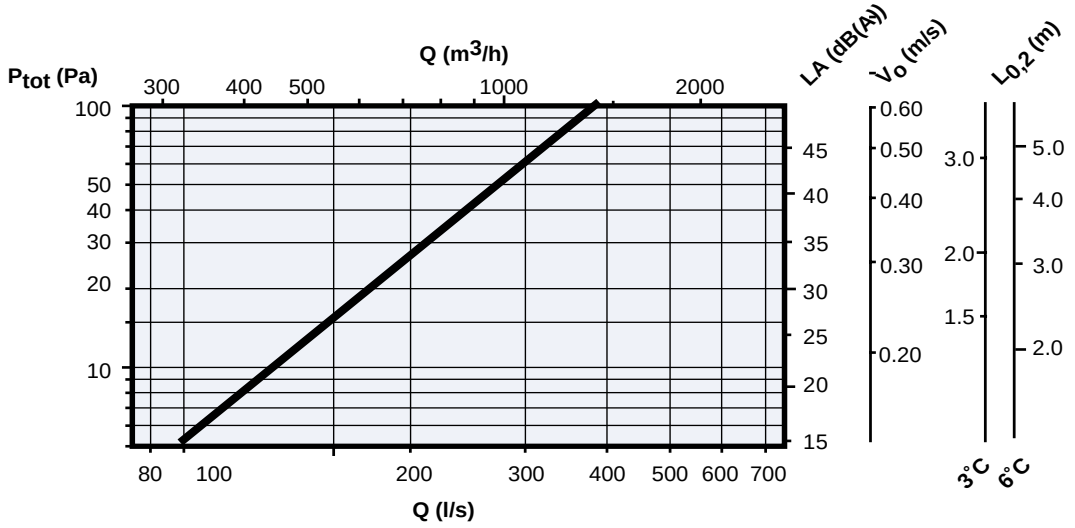




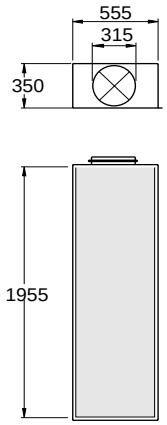


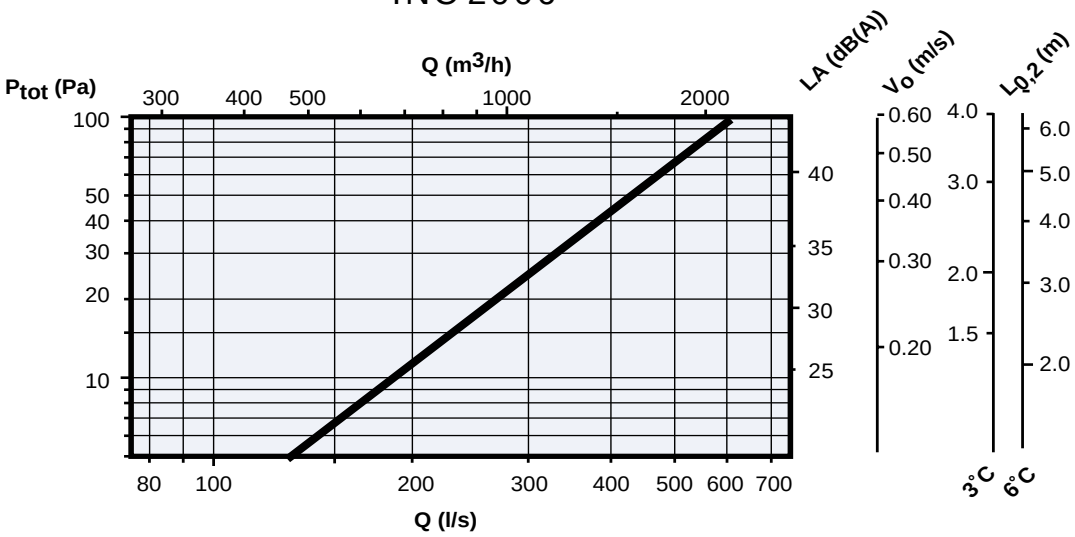
INC1206



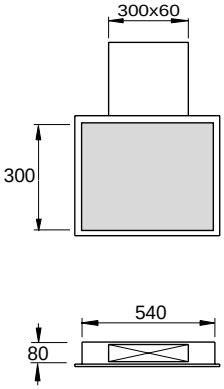


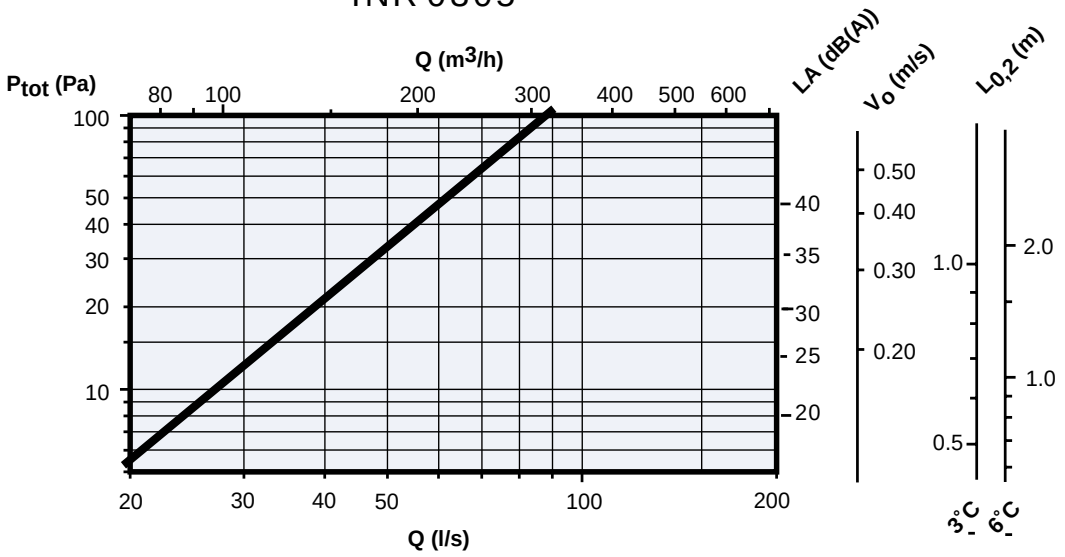
INC 2006





INR 0305





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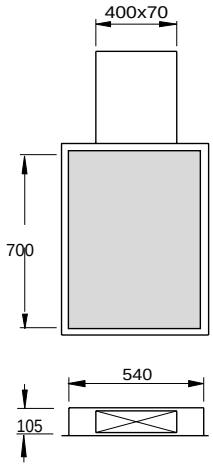
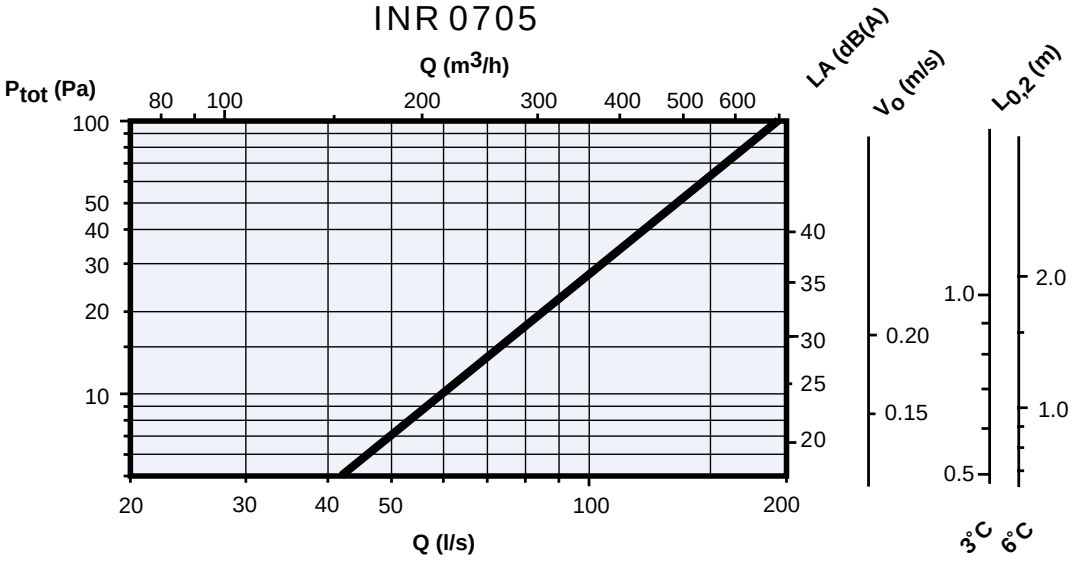
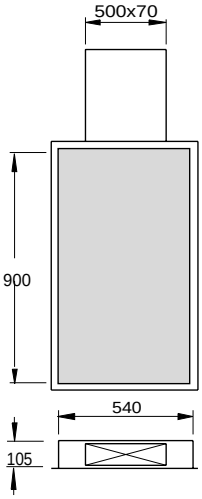
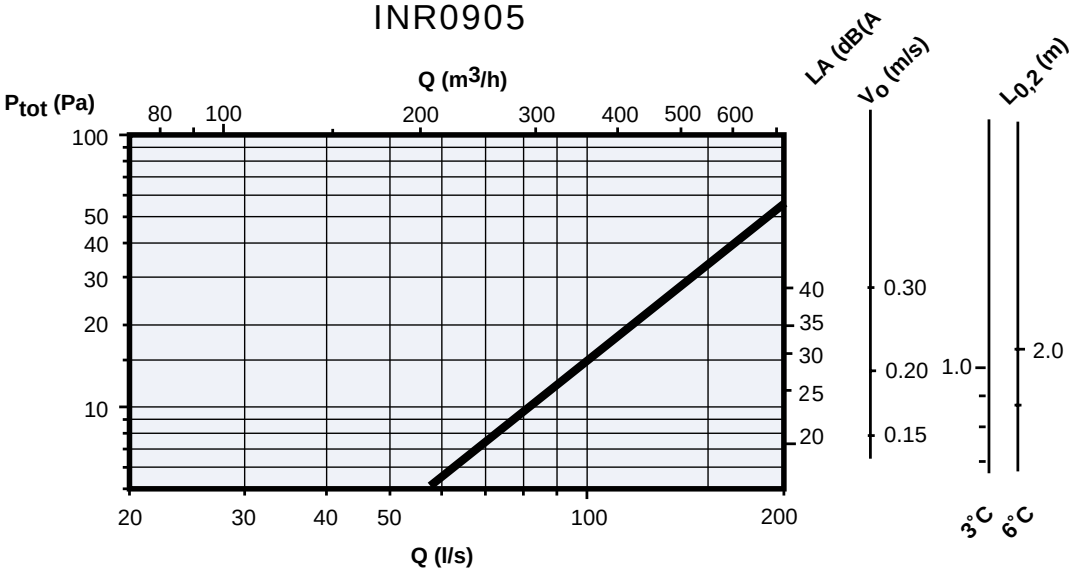




INR0905





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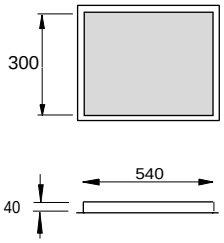

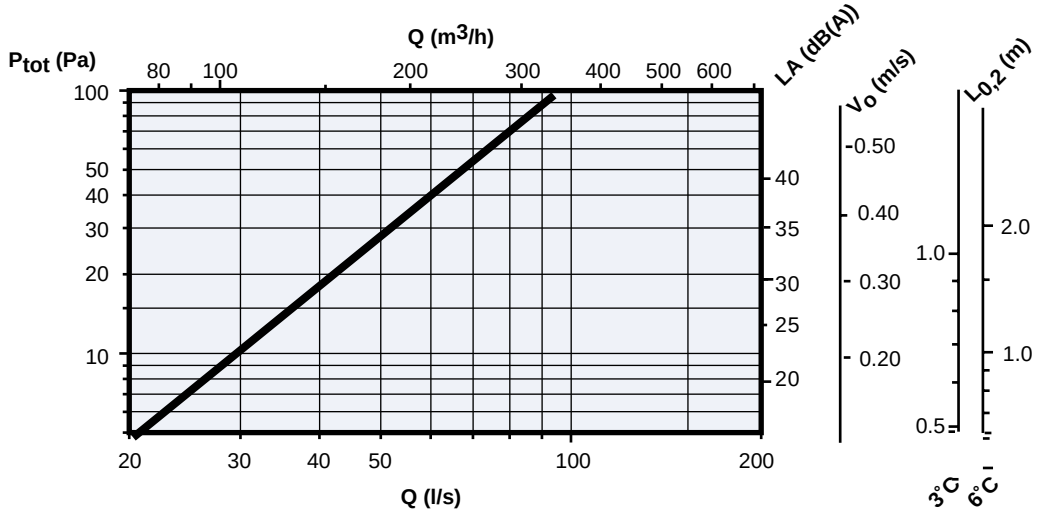

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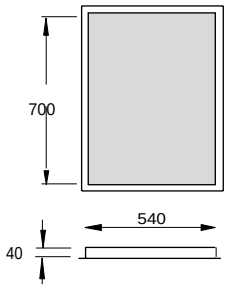

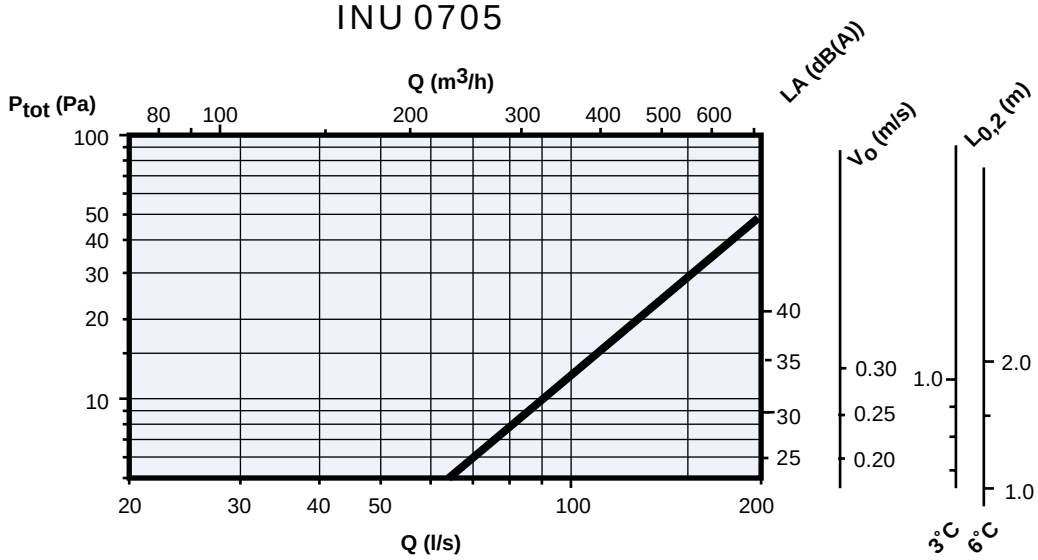

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