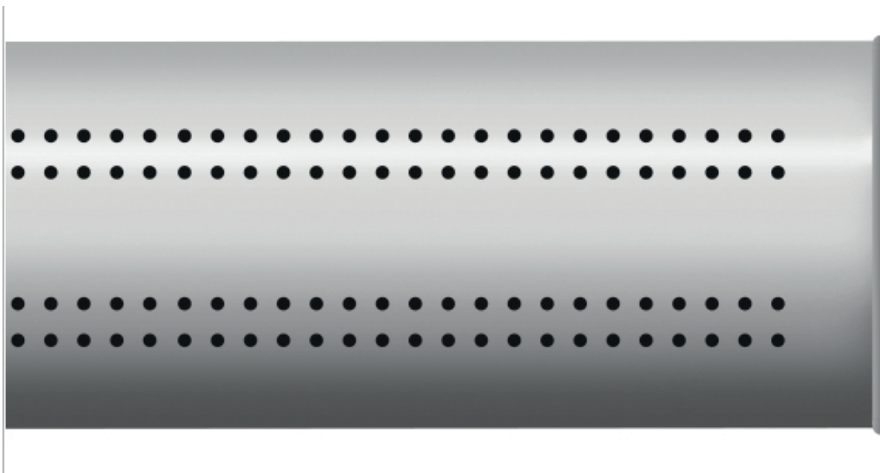


- Perforated ducts
- Galvanized steel
- Available in various colors
- Length: 1m



High induction perforated ducts type HID

Round perforated high induction ducts with standard length of 1m made of galvanized steel sheet. The custom-made perforations ensure a homogeneous distribution of the air in the room with a very even humidity and temperature.

Application

- Ducts type **HID** are used for homogeneous air supply in rooms with an height from 3 - 10m.
- Applicable for heating and cooling in the following areas of application
 - Food industry
 - Pharmaceutical industry
 - Warehouses
 - Stores and shoppingcenters
 - Sports complexes: arenas, swimming pools, stadium
 - Religious buildings
 - Fitness or similar areas
 - Indoor play areas such as electric karting, bowling, laser shooting, ...
- The high induction ducts must be used in systems with an constant airflow
- A minimum static pressure of 125 Pa is required

Material

- Galvanized steel
- Other versions available on request:
 - Stainless steel AISI 304 and 316,
 - Copper sheet
 - 90° and 45° bends

Colour

Standard available in GALVA, RAL9005 and RAL9016
Other colors available on request

Specifications

A project-related simulation in cooling and heating mode, taking into account your specifications, will be calculated for you.

The following parameters are required for this:

- Air flow (m³/h)
- Length (m)
- Installation height (m)
- Distance to the walls of the room (m)
- Pressure drop (Pa)
- Supply air and room temperatures (°C)
- Relative humidity RH (%)

Mounting

- The ducts are supplied assembled in lengths of 1m and are immediately ready for installation.
- The ends are provided with a 10mm recoil which is used to attach the ducts to each other with specially provided clamping rings **OBM-HID**

Accessories

- Galvanized fixing collar **OBM-HID**
- Galvanized duct lid **DD-HID**
- Suspension systems with cable **LS LA**

Text for tender

High induction ducts (**HID**) are round perforated ducts made of galvanized steel sheet with a standard length of 1m. These ducts are used for homogeneous air supply in rooms with a height of 3-10m and are suitable for heating and cooling in areas with consistent airflow.

The **HID** ducts are available in standard galva finish or painted in black RAL9005 or white RAL9016.

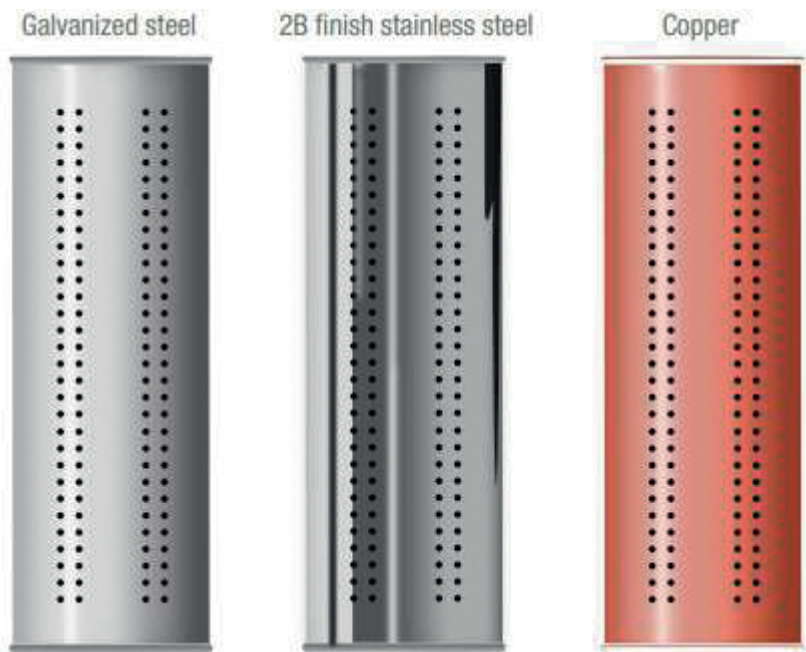
Other colours available on request.

A project-related simulation in cooling and heating mode will be calculated based on specific parameters. The ducts are supplied in 1m lengths and are ready for installation.

They come with a 10mm recoil for attachment with clamping rings **OBM-HID**.

A duct lid **DD-HID** is placed at the end of the **HID** duct.

Cairox type **HID**



Dimensions						
DN	L [mm]	T [mm]	W [kg/m]	Qmin [m³/h]	Qmax [m³/h]	
200	983	0.8	4.2	200	1000	
250	983	0.8	5.2	400	1600	
315	983	0.8	6.4	500	2500	
355	983	0.8	7.2	900	3300	
400	983	1	9.8	1500	4000	
450	983	1	11.1	2000	5200	
500	983	1	12.3	2800	6500	
560	983	1	13.8	3500	8000	
630	983	1	15.5	4400	10000	
710	983	1.2	21	5600	12800	
800	983	1.2	23.7	7200	16300	
900	983	1.2	26.6	9100	20500	
1000	983	1.2	29.6	11300	25400	

Order example

- **HID 250 + OBM-HID 250 + DD-HID 250**

Explanation:

HID = Duct type L= 1m

250 = Diameter of the duct

Accessories:

OBM-HID = Duct clamp for **HID**

DD-HID = Duct lid for **HID**

Selection

