## Circular displacement unit

- Special dimensions
- Short adjacent zone


## - High finish

## - Suitable for all types of rooms

ABC is a circular displacement unit which provides supply air at low velocity and is suitable for floor wall/ corner installation. The units are mounted free standing on the floor with base, straight seamed supply duct and duct cover as accessory.

## Design

The unit consists of a circular air distribution plate fixed onto top and a bottom plates. A cylindrical perforated front panel is fitted on the assembly.

## Material

Front plate made in 1.25 mm hot-dipped galvanized sheet steel. Other parts in galvanized sheet steel with thickness depending on size. Visible parts powder coated in RAL 9010. Other colours according to RAL or NCS are available on request.

## Accessory

Base
Duct cover

## Specials versions

Other dimensions
Stainless steel Standard EN 1.4301 Surface brushed other qualities on request
Reinforced front

## Maintenance

There are no parts in the units that have to be replaced. If necessary clean the front with water and mild detergent. For internal cleaning the unit is removed from the duct system.

$A B C$ with bottom connection and base.

$A B C$ on the floor with base and duct covers.

## Dimensions and weights

$\mathrm{A}, \varnothing$ is standard dimensions.
$B$ is chosen according to costumers requirement
$\mathrm{Bs}=$ Recommended height B to suit $\mathrm{A}, \varnothing$
Max B is 2000

| ABC | A | Bs | $\varnothing$ | kg |
| :---: | :---: | :---: | :---: | :---: |
| 125 | 160 | 600 | 125 | 8 |
| 160 | 200 | 600 | 160 | 15 |
| 200 | 250 | 1000 | 200 | 18 |
| 250 | 315 | 1000 | 250 | 25 |
| 315 | 400 | 1000 | 315 | 35 |
| 400 | 500 | 1500 | 400 | 40 |
| 500 | 650 | 2000 | 500 | 65 |



## Accessory

Base: Standard height of base is 100 , other heights on request.

Duct cover: Length of duct cover is made according to costumers specification. Max length in one piece 1960

Straight seamed supply duct: Max length in one piece :

| Size | LMax |
| :--- | :--- |
| $125-400$ | 2000 |
| 500 | 1250 |



## Technical Data recommended sizes

## ABC 125-600



ABC 200-1000



## ABC 315-1000



## ABC 160-600



ABC 250-1000

ABC400-1500


## Technical Data

## ABC500-2000



## Assembly

With base: The base is first fixed to the floor using screws. The terminal is then fastened to the base by means of pop rivets.

1

2

3

4

## Assembly

ABC floor assembly with duct cover


## Specification

BEMAIR circular displacement unit to be mounted on the floor . Terminal including internal air distribution plate with nozzles. Diameter ... mm Height ....mm, top/bottom connection $\varnothing$.....mm. Alt 1: Including base height 100 mm for fixation to the floor. Alt. 2: Including brackets for wall/ corner assembly. The terminal is made in galvanized sheet steel. Visible parts powder coated with RAL 9010 alt special colour according to RAL or NCS. Accessory: Alt. 1: Straight seamed supply duct total length ..... mm . Alt 2 Duct cover total length ...... in galvanized sheet steel powder coated RAL 9010. Alt. Powder coated in special colour according to RAL or NCS.

ABC

## Product code



Base ABC aaa-bbb


Height mm, (standard 100)

Size according to table 1

Duct cover ABCV-aaa-bbb RAL 9010


Straight seamed duct ABCL-aaa-bbb
RAL 9010
Length mm
Size according to table 1

