## 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

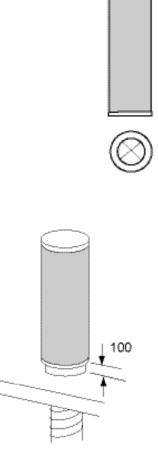
Other dimensions

Stainless steel Standard EN 1.4301 Surface brushed other qualities on request

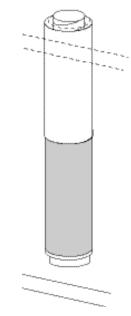
## Reinforced front

### 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.



ABC with bottom connection and base.



ABC on the floor with base and duct covers.

BY

#### Dimensions and weights

A,Ø is standard dimensions.

B is chosen according to costumers requirement Bs = Recommended height B to suit A,  $\emptyset$ Max B is 2000

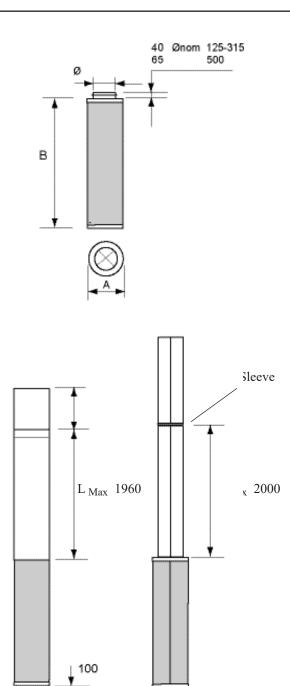
ABC	А	Bs	Ø	kg
125	160	600	125	8
160	200	600	160	15
200	250	1000	200	18
250	315	1000	250	25
315	400	1000	315	35
400	500	1500	400	40
500	650	2000	500	65

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

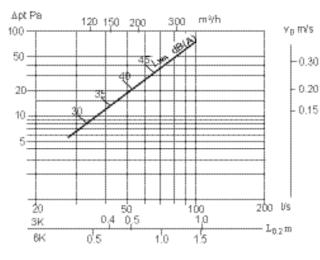
Straight seamed supply duct: Max length in one piece :

Size	LMax	
125-400	2000	
500	1250	

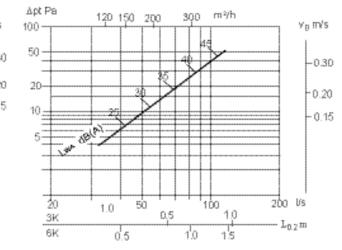


### **Technical Data recommended sizes**

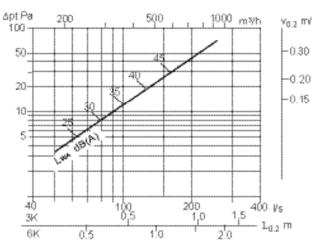
### ABC 125-600



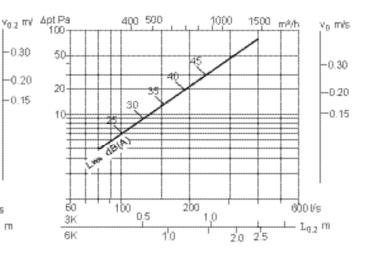
ABC 160-600



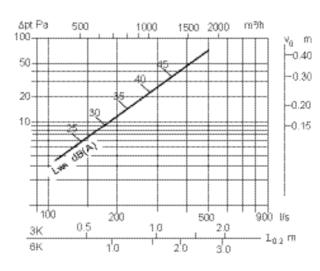




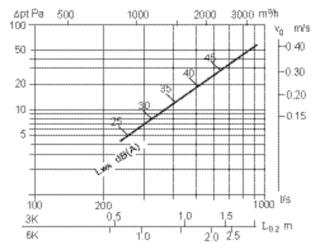
ABC 250-1000



ABC 315-1000



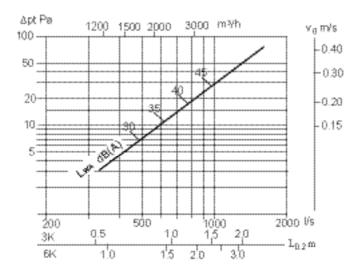
ABC400-1500



B

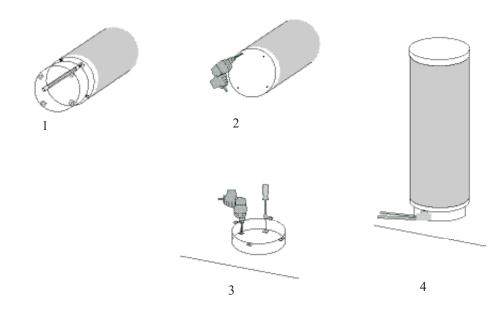
# Technical Data

#### ABC500-2000



#### Assembly

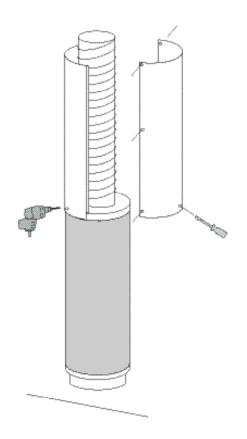
With base: The base is first fixed to the floor using screws. The terminal is then fastened to the base by means of pop rivets.





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 Ø .....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.

#### **Product code**

