

### The best fan for your application!

DD range – direct driven fans

Direct driven centrifugal fans of DD range with forward curved impeller directly mounted on the shaft of the internal rotor motor are the ideal solution for your applications in the HVAC business.

The fact of manufacturing by ourselves each fan component – the casing, the impeller and motor – enables us to create fans that perfectly meet the requirements of high performances and low power consumptions.

The wide range of different versions and motor types allows you to find the fan exactly matching what you really need.

You anyway get the generally recognized advantages of the direct drive technology :

- **Maintenance free**
- **No transmission losses**
- **Long fan life time**
- **High reliability**
- **Low operating costs**

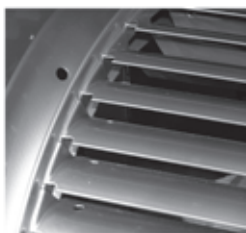
And, more, all the additional product advantages of the DD range are at your fingertips.



### Compact casing!

Aerodynamically optimized in terms of both airflow and design, scrolls are made of galvanized steel and automatically assembled using an innovative procedure, providing a sturdy and long-lasting product.

- **without welding points for no corrosion troubles**
- **high precision manufacturing process for high quality product**



### Real forward curved impeller!

The impeller has been optimized for the best efficiency, match to the special motor features.

We manufacture the high performance impellers through a highly – automated and innovative production process.

- **low noise level**
- **low power consumption**



### Optimized internal rotor motor

The fan impeller is directly mounted on the motorshaft thus providing efficient motor cooling by the fan airflow.

Motor speed can be adjusted either by the use of transformers and TRIAC regulators. Motors are generally fitted with thermal protector for protection against overheating.

- **high reliability and efficiency**
- **wide range of operative conditions**



### Easy electrical connection

All fans could be provided with connection box, terminal block or loose cable.

A wiring diagram sticker, placed on each fan, describes the correct electrical connection.

- **fast and easy wiring**
- **safe operation**



**Оформить  
Заказ**

**Program overview:**

DD range

This kind of fans are specially conceived for use in dust-free environments, at temperatures up to +40°C, or higher on selected models. The performance data have been obtained in a laboratory registered by AMCA for AMCA 210/99 air performance testing. Data are not certified by AMCA.




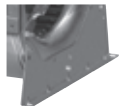
**Fan range DD**

- Impeller size (width and diameter) up to 18"
- Speed variation either by step-transformers or stepless
- Internal rotor motor with intergrated thermal protector
- Fan models suitable for 60Hz supply are available
- Air Flow up to 18,000m³/h
- Static pressure up to 800Pa

**The variety of DD**

We have the right fan for all your application!

Many different sizes, versions and motor types are available in the DD range.

Version	Description	Figure
DD	Lap-jointed scroll made from galvanized steel and forward curved blades impeller, directly mounted on an internal rotor motor.	
+SCT	with terminal box mounted	
+FL	with discharge flange mounted	
+SB	with housing feet either mounted or loose	

**Оформить  
Заказ**