

Powerful centrifugal fans for universal use

The product ranges TEM

The fan ranges TEM offered by Nicotra Gebhardt do present a large fan programme of single inlet centrifugal fans which are universally usable for many ventilation purposes either in HVAC or in machinery design industry and heavy duty installation business.

The fans are available with forward curved impellers.

The fans are equipped with IEC flanged (B5) standard motors, protection IP55, class F, and they are suitable for frequency inverter controlled operation.

Benefits:

- ▶ compact design because of direct drive
- ▶ cost effective by maintenance-free operation
- ▶ speed controlled by frequency inverter
- ▶ universally usable due to different options, such as
 - ▶ without brackets as a directly fitted unit for operation with vertical shaft arrangement
 - ▶ with brackets for operation with horizontal shaft
- ▶ ATEX execution for explosion hazardous areas and applications
Ex II 3G c IIB T3



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The universal technology for various applications

TEM ranges

- Sizes from 0160 up to 0355
- Volume flow up to 9000m³/h
- also available in 60Hz execution
- also available in ATEX execution 3G
- motor with PTC in flange execution
- Impeller with forward curved blades

For applications in HVAC-facilities, big kitchen or for clean room technology.

For every application, the suitable fan:

Version	Description	Figure
TEM 01-0160/-0355	Lap jointed scroll of galvanised sheet steel with discharge flange and built-in impeller with forward curved blades, without pedestal, for vertical or horizontal mounting.	
TEM 08-0160/-0355	Lap jointed scroll of galvanised sheet steel with discharge flange and built-in impeller with forward curved blades, with pedestal, for horizontal mounting.	