



# Cylindrical cased axial flow fans

## TTT-N Series

TTT/4-630/L N 1,1KW  
(230/400V50HZ) VE



**ATEX versions** On request, explosion proof versions in accordance with ATEX Directive, for 3 phase models.

For ambient working temperatures from -20°C to +40°C.

Air direction motor- impeller (A flow)

- ATEX Flameproof - Gas

II 2G Ex d IIB T4

⊕ II 2G Ex d IIB+H2 T4 (with Ex d IIC T4 motor)

- ATEX Increased safety - Gas

⊕ II 2G Ex e II T3

- ATEX - Dust

Suspended flammable particles and nonconductive dust:

⊕ II 3D Ex tc IIIB T125°C

Conductive dust:

⊕ II 3D Ex tc IIIC T125°C (with IP65 motor)

To select TTT-N ATEX refer to Easyvent. Note electrical data may vary for ATEX motors. Consult availability for other ATEX motor versions."



Range of cylindrical cased axial flow fans with motor located externally to the fan casing and incorporating a belt driven impeller making this range suitable for continuous operation up to 120°C. The casings are manufactured from high grade rolled sheet steel protected against corrosion by cataforesis primer and black polyester paint finish. The drive system

consists of an industrial poly V-belt drive pulley system which is enclosed within metal protective guard. All models incorporate diecast aluminium impellers available with 2 or 3 fixed blade angles. The impellers are finished in red colour epoxy polyester paint coating.

### Motors

All the motors are IP55 class F, fitted with ball bearings greased for life.

Electrical supplies:

Three phase 230/400V-50Hz or 400V-50Hz (See characteristics chart).

### Additional Information

Standard air direction: form (A) configuration (Motor over Impeller). NI versions incorporate safety switch, stop/start.

### On request

NI versions: fitted with ON/OFF isolation switch. Single phase 230V-50Hz motors (up to 1.5 kW).

### + Attributes



**Easy to maintain**

Swing-out fan casing assembly provides an easy access for cleaning or maintenance.



**Dynamically balanced impeller**

Impellers are dynamically balanced, according to ISO 1940, providing vibration free operation and coated with a special low friction paint repelling the dirtiness.



**ON/OFF isolation switch**

NI versions incorporate safety switch, stop / start.

**+ Acoustic characteristics**

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**+ Technical characteristics**

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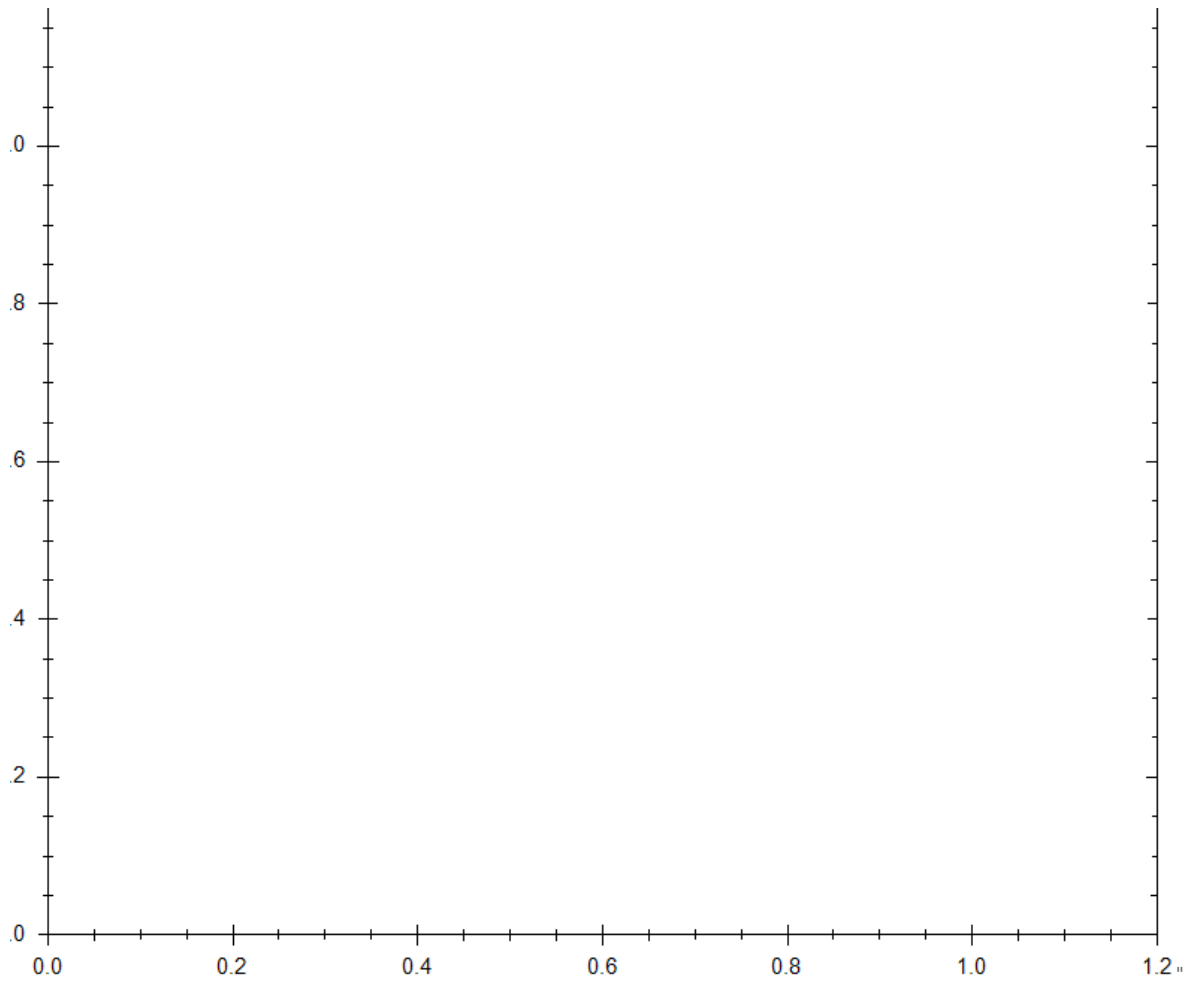
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## + Dimensions

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## + Curves



## + Mounting Accessories



| Model       | Protection grilles<br>(Inlet and discharge) | Circular duct<br>matching flange | Flexible flanged<br>connectors | Support feet          | Back draft<br>shutter* |
|-------------|---|----------------------------------|--------------------------------|-----------------------|------------------------|
| TTT-450N    | DEF-450 T                                   | ARO BRIDA COMPACT-450            | ACOPEL F400-450/160 N          | PIE-450               | CLAR-450               |
| TTT-500N    | DEF-500 T                                   | ARO BRIDA COMPACT-500            | ACOPEL F400-500/160 N          | PIE-500               | CLAR-500               |
| TTT-560N    | DEF-560 T                                   | ARO BRIDA COMPACT-560            | ACOPEL F400-560/160 N          | PIE-560               | CLAR-560               |
| TTT-630N    | DEF-630 T                                   | ARO BRIDA COMPACT-630            | ACOPEL F400-630/160 N          | PIE-630               | CLAR-630               |
| TTT-710N    | DEF-710 T ASPIRACION                        | ARO BRIDA COMPACT-710            | ACOPEL F400-710/180 N          | PIE-700/710           | CLAR-710               |
| TTT-800N    | DEF-800 T ASPIRACION                        | ARO BRIDA COMPACT-800            | ACOPEL F400-800/180 N          | PIE-800               | CLAR-800               |
| TTT/4-900N  | DEF.ASP.TGT/THGT-900                        | ARO BRIDA TGT/THGT-900 N         | ACOPEL F400-900/180 N          | PIE SOP.TGT/THGT-900  | CLAR-900               |
| TTT/4-1000N | DEF.ASP.TGT/THGT-1000                       | ARO BRIDA TGT/THGT-1000 N        | ACOPEL F400-1000/180 N         | PIE SOP.TGT/THGT-1000 | CLAR-1000              |

\* Usable only when impeller shaft is in horizontal position.