**GENERAL SPECIFICATIONS**

- EMAK JET Fans are manufactured for the heavy industrial conditions, generally used in Highways – Tunnels – Mines where the tough conditions are standard. The sound levels are high in that model because of the high performance levels (high air velocities), this is the reason behind the EMAK Jet Fans are delivered with silencers.

- EMAK Jet Fan Performance tests are appropriate to ANSI / AMCA DCS 250 Norm.

- EFF E-JET models are certified for high temperatures by well-known international accreditation bodies as a result all materials and accessories are manufactured or selected with high care according to international norms and standards.

- The body is formed from the St 37.2 steel sheets with integral supports. The grey (RAL 7036) paint finish is applied after production, optional hot dip galvanization, furnace paint or epoxy paint is available.

- Static and dynamic vibration defects are recovered after production according to appropriate ISO norm.

- EMAK Jet Fans are produced between Ø250 mm - Ø1600 mm. Please contact EMAK for fan selections and performance curves.

**SPECIFIC SPECIFICATIONS**

**APPLICATIONS**

- **E – JET**: It is designed for standard Unidirectional Air Jet usage, Highways and Tunnels has wide application with high thrust. Also Mini Jet Fans for car parks in this category.

- **E JET – R**: EMAK patent protected Reversible impellers can work both directions up to 100 % capacity. This type is preferred for the exhaust of hot gases, smoke and diesel particles of vehicles in high way tunnels. Also mini types used as carpark smoke relief purpose.

- **MS JET**: Multi stage Jet Fans can reach high static pressures by assembling two or more Jet Fans in serial mode. This type is preferred for supplying fresh air during mining and tunnel building works that continues for long distances.

**JET FAN BODY**

The body is formed from the St 37.2 steel sheets with integral supports. The grey (RAL 7036) paint finish is applied after production, optional hot dip galvanization, furnace paint or epoxy paint is available. Silencer cover plates can be Stainless Steel (AISI 316). All steel parts can produce in AISI 316 Stainless Steel as well. Additionally ceiling installation kit with vibration mountings is included in standard delivery.

**IMPELLERS**

The hub is aluminum or steel and the impeller in this series are RA / MAX / MAX R / EMWA / EMWA-R according to model

**ACCESSORIES**

Jet Fans are delivered with silencers, additionally vibration mountings and ceiling mounting kit is included in standard delivery.
ISTANBUL AVCILAR & RIZE CAMBURNU TUNNEL PROJECTS
ALANYA HIGHWAY & MINE DIGGING PROJECTS
**AXIAL FANS CODING SYSTEM**

<table>
<thead>
<tr>
<th>G3</th>
<th>RP</th>
<th>TAM</th>
<th>HT+AA+GALV</th>
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**Fan Type**
- A Series
- B0 Series
- B Series
- C Series
- D Series
- E Series
- F Series
- G Series
- H/I/J Series
- K/L/M Series

**Impeller Type**
- RP/BP MODEL (PP Plastic)
- RA MODEL (All Aluminium)
- RS MODEL (Steel Blade)
- RSS MODEL (Stainless Steel)

**Casing Model**
- TAM-TAM MAX Type: (Inline) Long Type
- DTK Type: Short (Wall Type) Type
- CTF Type: Roof Type
- KF Type: Compact Series
- URF Type: Roof Type with Built-in Damper
- AEX Type: Ex-proof Type
- HYF Type: Hermetic Belt Driven Type
- BCF Type: Bifurcated Type
- EM Type: Low Noise Level Series
- STF Type: Portable Fan Series
- EFF Type: Smoke Exhaust Type
- MS-JET: Multi stage jet fans
- HAF: Cased Type Axial Series
- MTH: Marine Type Fans
- AX: Belt Driven Type

**Accessories**
- SP: Access Door
- PJ: Fixed Blade Louver
- HT: Wire Guards
- KF: Matching Flange
- DF: Square Flange
- AA: Mounting Feet
- KM: Flexible Connector
- RD: Gores
- GV: Guide Vane
- DAD: Geared Damper
- GAD: Damper with linkage arms
- GDD: Backdraft Damper
- HDD: Heavy Duty Damper
- SK: Silencer
- GALV: Hot Dip Galvanize
- AV: Anti Vibration Mountings