



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 these 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

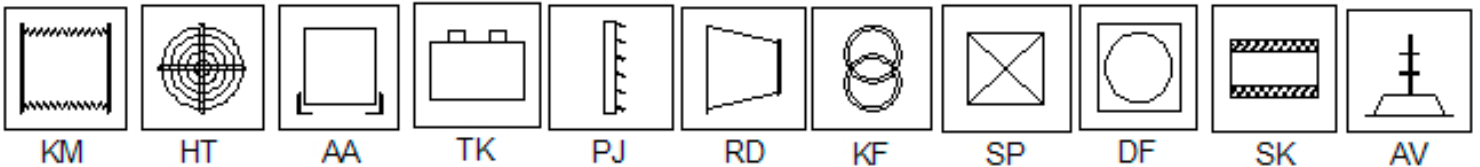
The body is formed from the St 37.2 steel sheets with integral supports. The grey (RAL 7036) paint finish is applied after production, optional hot dip galvanization, furnace paint or epoxy paint is available. Silencer cover plates can be Stainless Steel (AISI 316). All steel parts can produce in AISI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



KM

HT

AA

TK

PJ

RD

KF

SP

DF

SK

AV



**EMAK
JET
FANS**



ISTANBUL AVCILAR & RIZE CAMBURNU TUNNEL PROJECTS



ALANYA HIGHWAY & MINE DIGGING PROJECTS



AXIAL FANS CODING SYSTEM

G3 RP TAM HT+AA+GALV

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 Builtn 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 : Celled 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 : Cones
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