

Smoke extraction motors operate at two different mode;

#### Normal Operation Mode:

Smoke extraction motors provide desired air flow depending on the demand

#### Emergency Operation Mode (in case of fire):

Removal of smoke from escape and access routes  
Creating smoke-free zones for the survival of human beings from fire area  
Supporting fire fighting

Smoke extraction motors are designed according to EN 12101-3 with the following temperature and time classifications:

Class	Temperature (°C)	Time (minutes)
F200	200	120
F300	300	60
F400	400	120
F600	600	60
F842	842	30



## Product Range

Technical Specifications	F300 Series	F400 Series
Power Range	0,75-...-90kW	0,75-...-90kW
Number of Poles	2 pole, 4 pole and double speed	2 pole, 4 pole and double speed
Frame	80-...-280	80-...-280
Housing Type	Aluminium [from 80 to 225 frame], Cast Iron [from 250 to 280 frame]	Cast Iron [from 80 to 280 frame]
Efficiency Class	(IE1), IE2, IE3, IE4	(IE1), IE2, IE3
Cooling Method	TEAO	TEAO
Temperature / Time Classification	300°C[2h]	400°C[2h]
Bearing Type	ZZ, C4	ZZ, C4
Bearing Grease	DuPont GPL 226 Krytox [260 °C]	DuPont GPL 226 Krytox [260 °C]
Certification Body	Efectis	Efectis
Mounting Type	Vertical, Horizontal	Vertical, Horizontal
Drainage Hole	Optional	Optional
Thermal Protector	Optional	Optional
Space Heater	Optional	Optional
Painting	Optional	Optional
Special Mounting	Optional [Pad mounting]	Optional [Pad mounting]

Specifications are subject to change without notice. It is the responsibility of the product user to determine the suitability of this product for a specific application. All trade marks are the property of their respective owners.