

SMOKE EXTRACTION MOTORS

CERTIFIED PERFORMANCE RELIABLE & EFFICIENT & DURABLE

ALUMINIUM
F300 MOTORS
2 HOURS @300°C

CAST IRON
F400 MOTORS
2 HOURS @400°C



► WIDE RANGE OF F400 AND F300 MOTORS



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B30 [PAD Mounted]



Smoke Extraction Motors are designed to be used in fans that provide air ventilation in confined spaces such as tunnels and underground parking lot.

WAT Smoke Extraction Motors, produced and certified according to **EN 12101-3 European Safety Standards**, withstand temperatures 300°C & 400°C for up to 2 hours in emergency situations, remove smoke and heat from the environment, and provide a safe evacuation opportunity.

Technical Specification	F300 Series	F400 Series
Power Range	0,75-45kW [Aluminium] 55-200kW [Cast Iron]	0,75-200kW
Number of Poles	2 pole, 4 pole and double speed	2 pole, 4 pole and double speed
Frame	80-315	80-315
Housing Type	Aluminium [from 80 to 225 frame], Cast Iron [from 250 to 315 frame]	Cast Iron [from 80 to 315 frame]
Efficiency Class	IE2 [Double Speed], IE3, IE4 [75-200kW]	IE2 [Double Speed], IE3, IE4 [75-200kW]
Cooling Method	TEAO	TEAO
Maximum Temperature / Time Classification	300°C [2h]	400°C [2h]
Bearing Type	ZZ, C4 [315 Frame Z C4]	ZZ, C4 [315 Frame Z C4]
Bearing Grease	DuPont GPL 226 Krytox [260°C]	DuPont GPL 226 Krytox [260°C]
Certified by	Efectis & Applus+	Efectis & Applus+
Drain Hole	Optional	Optional
Thermal Protection	Optional	Optional
Heater	Optional	Optional
Corrosion Protection	Optional	Optional
B30 [PAD Mounted]	Optional [80-90-100 frame]	Optional
Degree of Protection	IP56	IP56