



Easy Pow'Air Technology

VENTILATORS

ELECTRIC, WATER AND PETROL-DRIVEN

- Easy to use
- Powerful
- Compact
- Safe

HIGH-PERFORMANCE, ROBUST, COMPACT AND EASY-TO-USE

Designed with the operator's safety in mind



Robust chassis
(metal tube, diameter 30mm)



Full shroud with **double skin**



Compact size,
for easy vehicle storage



Tilt positioning accessory
to adjust the **angle down at -10°**
(optional)

Tough blades made of reinforced composite resin

External **protection** of the shroud made of **flexible resin compound**



Puncture-proof, large diameter wheels

Anti-debris rear grill
to prevent foreign bodies
being inducted

Easy Pow'Air Technology

Direct drive fan
for durability

Safety cradle around the assembly
eases attachment of foam equipment

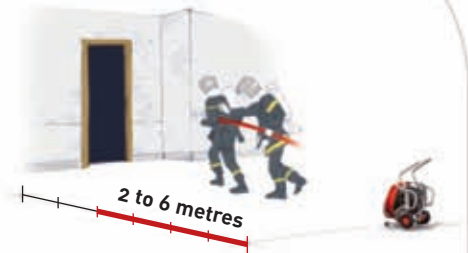


Stabilising feet sized to
minimise vibration and
ensure the fan stability

High-resistance
front grill

The five advantages that make the difference

Total effectiveness between 2 and 6 metres distance. Easy Pow'Air fans give attack crews **much more room for manoeuvring.**



Low noise level for fire-crews as the fan is further away.
Decrease is 4dB per 2 metre distance.

Unequaled performance: validated by tests complying with **AMCA 240 standard.**
See www.leader-group.eu

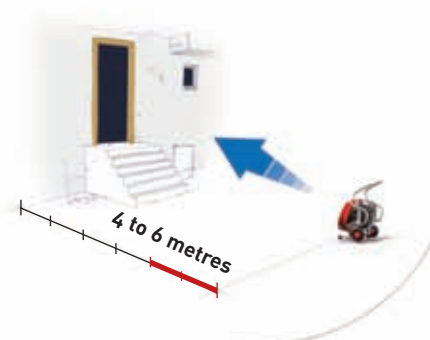


Automatic tilt : when raised, the carrying handle **automatically positions** the fan to **optimal tilt.** Fine adjustment of the tilt angle between +10° and +20° is also possible.



Ventilating of landings made easy.
The possibility of moving the fan back, combined with maximum tilt, makes ventilation possible in special situations:

- Raised doorways and high windows
- Entries with steps
- Landings



Products **designed and manufactured**
by **LEADER**

2-year Guarantee, parts and labour

Easy Pow'Air WATER-DRIVEN

	MODEL	AIRFLOW*	MOTOR	DIMENSIONS (cm)	WEIGHT	REFERENCE
Ex	MH 236	40300 m³/h	9HP water motor	W55 x H55 x D49	33 kg	1,5" F / 2" M: I61.00.020 BS 336 inst.: I61.00.024
	MH 260	50500 m³/h	9HP water motor	W72 x H72 x D62	45 kg	1,5" F / 2" M: I61.00.021 BS 336 inst.: I61.00.025

• Can be used in hazardous areas (ATEX pending). Equipped with mister attachment as standard.

Easy Pow'Air ELECTRIC (220V / 50 Hz)

	MODEL	AIRFLOW*	AMCA AIRFLOW	MOTOR	DIMENSIONS (cm)	WEIGHT	REFERENCE
	ES 230	33900 m³/h	24141 m³/h	2.2kw	W55 x H55 x D49	42 kg	I63.10.010
	ESP 230	33900 m³/h	24141 m³/h	2.2 kw with slow-speed starting	W55 x H55 x D49	42,5 kg	I63.10.012
	ESV 230	33900 m³/h	24141 m³/h	2.2 kw with variable speed drive	W55 x H55 x D49	45,5 kg	I63.10.011
	ES 245	41500 m³/h	•	2.2kw	W72 x H72 x D62	50,5 kg	I63.10.017
	ESV 245	41500 m³/h	•	2.2 kw with variable speed drive	W72 x H72 x D62	53 kg	I63.10.015
Ex	ESX 230 ⁽¹⁾	30000 m³/h	•	1,5 kW (monophase) 2,2 kW (tri-phase)	W53 x H54 x D48	67 kg (monophase) 65 kg (tri-phase)	I63.11.005 I63.11.001

⁽¹⁾ • Can be used in hazardous areas • EEx II 2 G / D EEx d IIB T5 or EEx de IIB T5 IP65, T95°C • CE0081 LCIE 03 ATEX 6382
• 110 volts models on request

Ideal back-up ventilation for firefighter protection **SR 460** - Relay Auxiliary Ventilation

MODEL	AIRFLOW*	DIMENSIONS (cm)	WEIGHT	REFERENCE
SR 460	13000 m³/h	W57 x H54 x D42	17 kg	I63.00.015

Ventilation by extraction and blowing action **SA 315** and **SAX 320**

MODEL	AIRFLOW*	DIMENSIONS (cm)	WEIGHT	REFERENCE
SA 315	3900 m³/h	W38 x H45 x D52	30,5 kg	I63.00.022
Ex	SAX 320 ⁽¹⁾	3150 m³/h at 50 Hz 3800 m³/h at 60Hz	37 kg	•

- 1100W electric motor
- Stainless steel body
- 300mm diameter ZAG connectors



SAX 320 REFERENCES

SAX320
220 V/50 Hz MONOPHASE: Ref: **I63.00.006**
230/400 V 50 Hz TRI-PHASE: Ref: **I63.00.008**
SAX320 MN: MN (French Navy) model, saline mist resistant, comes with 25 m of cable
115 V/60 Hz TRI-PHASE: Ref: **I63.00.007**
230 V/50-60 Hz MONOPHASE: Ref: **I63.00.010**
230/400 V 50 Hz TRI-PHASE: Ref: **I63.00.011**



⁽¹⁾ • Can be used in hazardous areas • EEx II 2 G EEx d IIB T4 IP55 • CE0081 LCIE 01 ATEX 6072



Easy Pow'Air Technology

UNEQUALLED PERFORMANCE

Developed and measured
in our Test Centre and
validated via tests complying
with the AMCA 240 standard.
See www.leader-group.eu



Easy Pow'Air PETROL-DRIVEN

MODEL	AIRFLOW*	AMCA AIRFLOW	RUNNING TIME	ENGINE	DIMENSIONS (cm)	WEIGHT	REFERENCE
MT 224	31300 m ³ /h	•	2h00	4 HP Honda	W58 x H54 x D44	31 kg	160.10.047
MT 225	31300 m ³ /h	•	1h40	4 HP Honda	W55 x H57 x D44	29 kg	160.10.054
MT 236 H	43100 m ³ /h	•	2h10	5,5 HP Honda	W55 x H55 x D49	42 kg	160.10.052
MT 245 H	51200 m ³ /h	•	1h30	6,5 HP Honda	W72 x H72 x D62	52 kg	160.10.051
MT 260	71800 m ³ /h	42080 m ³ /h	2h00	9 HP Vanguard	W72 x H72 x D62	64 kg	160.10.044
MT 280 H	85200 m ³ /h	•	1h20	13 HP Honda	W72 x H72 x D62	70 kg	160.10.048
MT 296	96000 m ³ /h	•	1h50	Twin-cylinder 16 HP Vanguard	W72 x H78 x D62	73 kg	160.10.045



ESX 230



MT 224



MT 225



230 and 236
Models



245, 260
280 and 296
Models

*The airflows given were achieved in the open air, and the weights are when the tank is empty.
Running times are given as an indication and may vary depending on the conditions of use.



INSULATED telescopic PIKE-POLE

Extendable, fibre-glass **pike-pole, insulated to resist up to 20 000 volts.** Can be locked at any length.

Diameter: 3,8 cm.
Length: Closed 2.20m / Fully extended 3.85m
Weight: 3kg
Ref: 020.00.115



FOAM ADAPTER

Transforms the fan into a **high-expansion foam generator.**

Operates with a traditional in line 200 l/min inductor.
Expansion from 400 to 800.
Adapter for ES 230 / MT 236 / MH 236: **Ref: 160.20.105 (1,5" BSP M)**
Ref: 160.20.124 (BS 336 Inst.)
Adapter for MT 245/260/296: **Ref: 160.20.116 (1,5" BSP M)**
Ref: 160.20.123 (BS 336 Inst.)



MISTER

This option offers the possibility of **faster, more effective cooling.**

Flow-rate 16 l/min at 7 bar. Inlet 1" BSP Female
Mister for ES 230 / MT 236 / 245 / 260: **Ref: 160.20.104**
Mister for MT 296: **Ref: 160.20.111**



EXHAUST EXTENSION

Complies with DIN 14-572 standard. Allows exhaust gases to be vented outside the area where the fan is operating or away from the fan's air suction zone, limits the induction of gases such as CO.

Length: 2.50m | **Ref: 160.20.012**
Diameter: 50mm



HOURLY METER / TACHOMETER

Displays the engine's rotation speed and the number of hours the equipment has been in operation (only with petrol-engined fans). **Ref: 2002040**



'DOOR-BLOCK' WEDGE

Can be placed in different positions on a door so as to keep it open
Ref: 160.20.112



DISCHARGE AND EXTRACTION DUCT

A plus in complex operations.
MT & MH 236 / ES / ESV / ESP: **Ref: 160.20.101**
MT 245 / 260 / 296: **Ref: 160.20.113**
SA: **Ref: 161.20.002**
SAX: **Ref: 161.20.011**
ESX: **Ref: 160.20.082**



PROTECTIVE COVER

Cover for MT 230/236 fans: **Ref: 160.20.017**
Cover for MT 245/260/296 fans: **Ref: 160.20.097**



PROP FOR DOWNWARD VENTILATION

This option makes it possible to tilt the fan down [-10°] for ventilation of semi-basements.
Weight: 0,5 kg
Stainless steel tubing

◀ **Ref: 160.20.108** for models : 245, 260, 280 and 296
Ref: 160.20.130 for models : 230 and 236 ▶



LEADER

RESEARCH AND DEVELOPMENT

A creative but meticulous Design Department to develop the equipment you will need tomorrow.

- > A **multidisciplinary design staff** to develop and produce innovative equipment to meet the **needs of the profession**.
- > Design work carried out in **partnership** with **well-known fire brigades, industries, universities and research laboratories**.
- > **Testing equipment** specifically adapted to the needs of product development and **performance validation**:
 - Water and high expansion foam test installation (400m²)
 - Ventilation test installation (400m²)



MANUFACTURE

- > **Specialised production workshops**.
- > A **continuous improvement** organization whose purpose is to guarantee customer satisfaction through **control of product conformity**.



AFTER-SALES SERVICE

- > A **permanent stock** of spare parts enabling to carry out **rapid repair work**.
- > A team to **advise** you on **setting up and using** your equipment.
- > A **telephone help line +33 (0)2.35.11.70.30**



TRAINING

- > Can be **organised to suit your needs**. Our **training courses** enable you to maintain your equipment in a **safe state for use**.



LEADER
 Aujourd'hui les techniques du futur



always in touch with our clients
to design the **products you will need in the future**

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