



LEADER Fans

VENTILATORS

ELECTRIC - WATER - PETROL DRIVEN

- Easy Pow'Air Technology
- Straight stream air flow
- Position at any distance
- Powerful & Compact

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

LEADER Fans

Designed with the operator's safety in mind

Tough blades made of reinforced composite resin

External protection of the shroud made of flexible resin compound

Direct drive fan for durability

Safety cradle around the assembly eases attachment of foam equipment



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)



Puncture-proof, large diameter wheels

Anti-debris rear grill to prevent foreign bodies being inducted

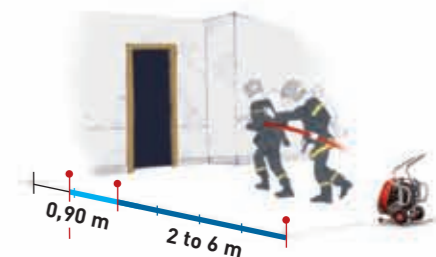
High-resistance front grill

Stabilising feet sized to minimise vibration and ensure the fan stability

Easy Pow'Air Technology

The **five advantages** that make the difference

Most effective when placed between 2 and 6 m distance from an opening. Easy Pow'Air fans give firefighters greater options for manoeuvrability. The fan can also be positioned as near as 0.90 m from an opening.



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

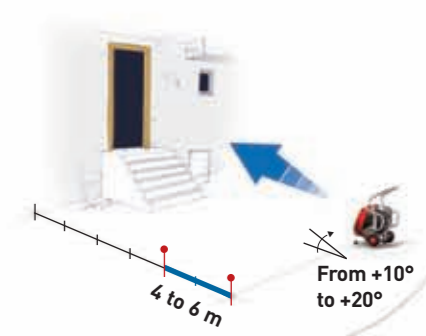
Unequaled performances validated by tests made according to several methods. See www.leader-group.eu

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

WATER-DRIVEN LEADER Fans

MODEL	AIRFLOW*	MOTOR (Brass)	DIMENSIONS (cm)	WEIGHT (kg)	REFERENCE
MH 236	40300 m³/h	9 HP water motor	W55 x H55 x D49	39.5	1.5" F / 2" M: I61.00.030
MH 260	50500 m³/h	9 HP water motor	W72 x H72 x D62	51.5	1.5" F / 2" M: I61.00.031

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

ELECTRIC LEADER Fans (220V / 50 Hz)

MODEL	AIRFLOW*	AMCA AIRFLOW	MOTOR	DIMENSIONS (cm)	WEIGHT	REFERENCE
ES 220	24750 m³/h	•	1.5 kW	W55 x H57 x D44	27 kg	I63.10.039
ES 230	33900 m³/h	24141 m³/h	2.2 kW	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	44.5 kg	I63.10.011
ES 245	41500 m³/h	•	2.2 kW	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
ESP 280	85 700 m³/h	•	7.5 kW with slow-speed starting	W72 x H72 x D62	75 kg	I63.10.037
ESV 280	85 700 m³/h	•	7.5 kW with variable speed drive	W72 x H72 x D62	79 kg	I63.10.038
ESX 230 ⁽¹⁾	30000 m³/h	•	1.5 kW (single phase) 2.2 kW (three phase)	W53 x H54 x D48	67 kg (single phase) 65 kg (three phase)	I63.11.005 I63.11.002

⁽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 (except ESX 230)

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

• 1100W electric motor
• 300mm diameter ZAG connectors

MODEL	AIRFLOW*	DIMENSIONS (cm)	WEIGHT	REFERENCE
SA 315	3900 m³/h	W38 x H45 x D52	30,5 kg	I63.00.022
SAX 320 ⁽²⁾	3150 m³/h at 50 Hz 3800 m³/h at 60 Hz	W38 x H57 x D52	37 kg	



SAX 320 REFERENCES
SAX320
220 V/50 Hz SINGLE PHASE: Ref: I63.00.006
230/400 V 50 Hz THREE PHASE: Ref: I63.00.008
SAX320 MN: MN (French Navy) model, saline mist resistant, comes with 25 m of cable
115 V/60 Hz THREE PHASE: Ref: I63.00.007
230 V/50-60 Hz SINGLE PHASE: Ref: I63.00.010
230/400 V 50 Hz THREE PHASE: Ref: I63.00.011

⁽²⁾ • 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



PETROL-DRIVEN LEADER Fans

MODEL	AIRFLOW* (m³/h)	AMCA AIRFLOW (m³/h)	RUNNING TIME	ENGINE	POWER - SAE J Standard n° 607 before 2007 / n° 1349 since 2007	DIMENSIONS (cm)	WEIGHT (kg)	REFERENCE
MT 225	31300	•	1h40	GX 120 Honda	4 HP / 3.5 HP	W55 x H57 x D44	29	I60.10.054
MT 236	43100	29539	2h10	GX 160 Honda	5.5 HP / 4.8 HP	W55 x H55 x D49	42	I60.10.052
MT 245	51200	38100	2h00	GX 200 Honda	6.5 HP / 5.5 HP	W72 x H72 x D62	52	I60.10.051
MT 260	71800	42080	2h00	Vanguard **	9 HP / 9 HP	W72 x H72 x D62	64	I60.10.044
MT 280	85200	•	1h20	GX 390 Honda	13 HP / 11.7 HP	W72 x H72 x D62	69	I60.10.048
MT 296	96000	•	1h50	Twin-cylinder Vanguard	16 HP / 16 HP	W72 x H78 x D62	73	I60.10.045

** On request:
Engine GX 270 = 9 HP (8.4 HP) Honda - Reference: I60.10.055



ESX 230
Above design up coming in 2012

220 and 225 Models

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.



LEADER Strike

LEADER Strike: **Glass window breaker. Positioned to the side of a window, shielded from escaping smoke and hot gasses in case of explosion, the operator throws the steel cube against the glass to create an outgoing.**

Stainless steel - Length: folded up 1.2 m (3.9 ft) / Unfolded 1.7 m (5.6 ft)
Weight: 3.1 kg (8.3 lbs). Can be used from ground ladders and aerial apparatus.

Ref : 160.20.209



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 220 / 230 / 225 / 236 / 236 models: **Ref: 160.20.105 (1,5" BSP M)**
Ref: 160.20.124 (BS 336 Inst.)

Adapter for 245 / 260 / 296 models: **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 / MT 245 / MT 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



INSULATED telescopic PIKE-POLE

Extendable, fibre-glass **pike-pole, insulated to resist up to 20 000 volts.**
Can be locked at any length.
Length: Closed 2.20m / Fully extended 3.85m
Diameter: 3,8 cm. - Weight: 3kg
Ref: 020.00.115



HOUR 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**

Ref : 160.20.134 ▶



DISCHARGE AND EXTRACTION DUCT

A plus in complex operations.
230 & 236 models: **Ref: 160.20.101**
245, 260, 280, 296 models: **Ref: 160.20.113**
SA: **Ref: 161.20.002**
SAX: **Ref: 161.20.011**
ESX: **Ref: 160.20.082**



PROTECTIVE COVER

Cover for 230/236 fans:
Ref: 160.20.017
Cover for 245/260/280/296 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 ▶



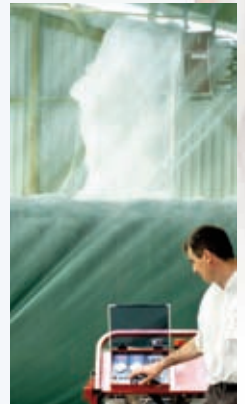
LEADER

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**.





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

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