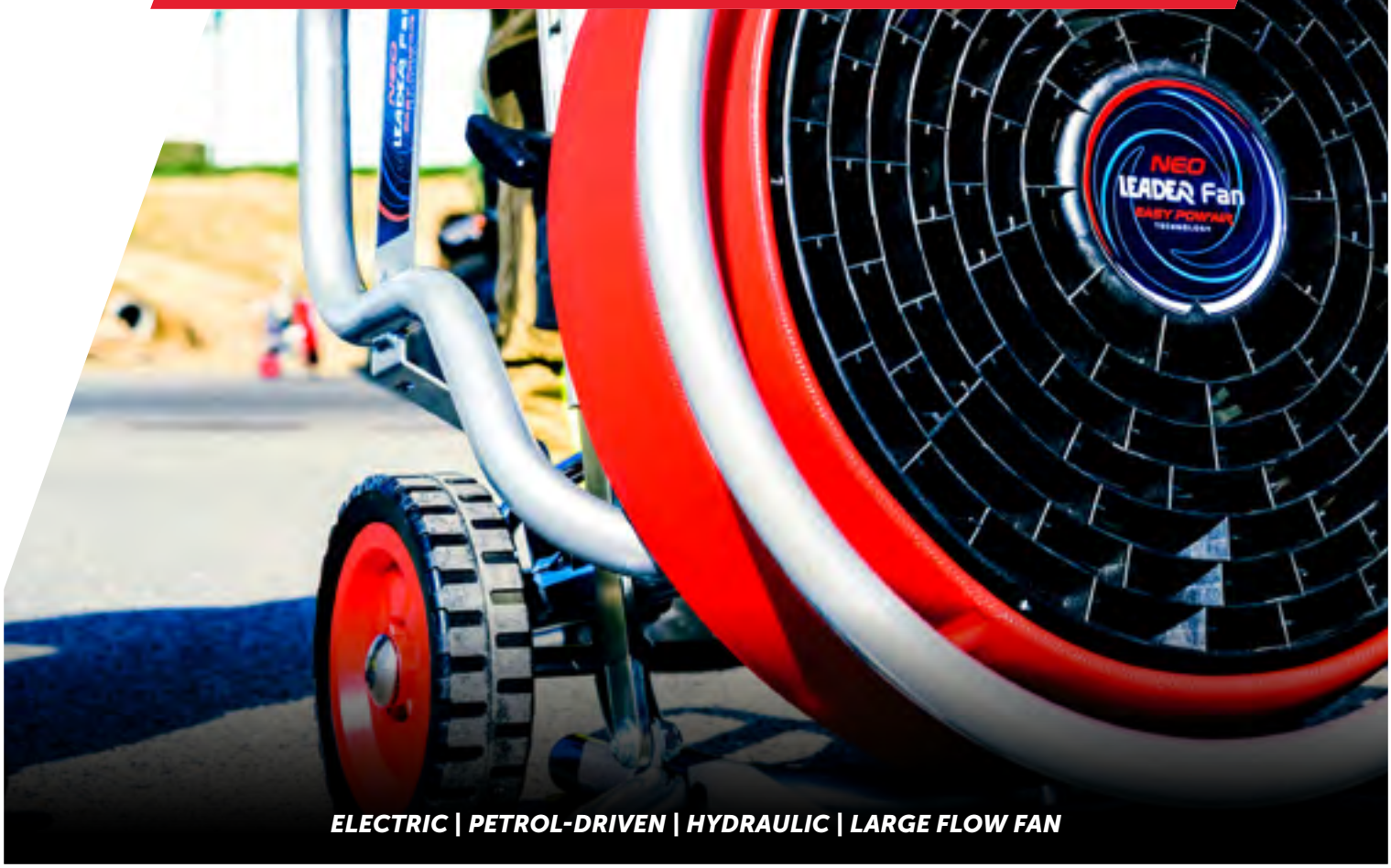
LEADER®

Fighting for performance

MOBILE VENTILATION

FIREFIGHTING EQUIPMENT



ELECTRIC | PETROL-DRIVEN | HYDRAULIC | LARGE FLOW FAN

PORTABLE FANS *P. 6*

LARGE FLOW VENTILATORS *P. 24*

ACCESSORIES FOR FANS *P. 36*

CONTENTS

VENTILATION EQUIPMENT FOR FIREFIGHTING AND INDUSTRIAL OPERATIONS

OUR VENTILATION CONCEPTS *P. 4*

PORTABLE FANS *P. 6*

- Battery-powered P. 8
- Electric P. 12
- Petrol-driven P. 16
- Hydraulic / water driven P. 20

LARGE FLOW VENTILATORS *P. 24*

- Portable P. 26
- Petrol-driven towable P. 30
- Hydraulic MVU / Tempest P. 34

ACCESSORIES FOR FANS *P. 36*

- Ducts P. 38
- Misters and foam P. 40
- Additional equipment P. 42

LEADER FAN OFFER *P. 44*

LEADER SAS *P. 46*

OUR VENTILATION CONCEPTS

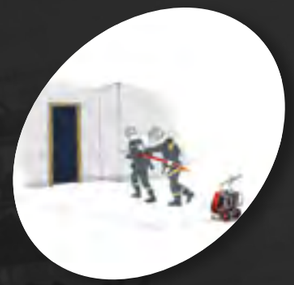
EASY POW'AIR TECHNOLOGY
A UNIQUE CONCEPT DEVELOPED BY LEADER

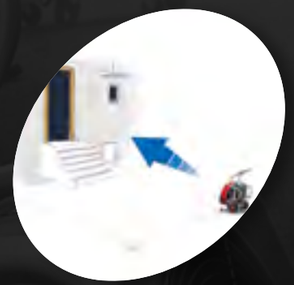
The speed and shape of an air jet created by a fan affects the amount of air it carries.

Developed by LEADER engineers, the Easy Pow'air concept is based on a highly concentrated jet shape which is emitted at high speed, without turbulence. This powerful jet increases the ambient air drive rate and effectiveness at a distance to ultimately increase the air flow passing through an opening.

Evolution of LEADER technology

1980 - Conventional | *1995 - Turbo ventilation* | *2005 - Easy Pow'air* | *2015 - Neo Easy Pow'air*





THE OPERATIONAL BENEFITS FOR FIREFIGHTERS:

Increased maneuvering space for firefighting teams:
The force and stability of the jet ensures constant and optimal efficiency from 2 to 6 m between the fan and the opening. The resulting distance gives firefighting teams space to move about at the entrance. The fans can also be positioned from 0.90 metres. The noise level is reduced for firefighters due to the greater distance.

Easier ventilation from front steps:
The option to move the device further away plus maximum tilt allows ventilation in specific situations: Doors and windows up high, front steps, landings.
With or without the optional stand, the Easy Pow'air Technology can also be used to tilt the fan to -10° for downwards ventilation: Very practical when fighting fires underground.

Simple and quick to set up:
To reduce the time to set up a fan on site, ergonomics and ease of positioning have also been taken into account. Easy Pow'air Technology allows the fan to automatically tilt to +10°. When raised, the handle automatically positions the fan at its optimum angle. Fine angle adjustment between +10° and +20° is also possible.

NEO TECHNOLOGY:
AN OVAL-SHAPED JET FOR EVEN MORE EFFICIENT LEADER FANS

NEO
LEADER® Fan
EASY POW'AIR
TECHNOLOGY

NEO: The culmination of the Easy Pow'air concept:
An optimum combination of GRILL - PROPELLER - SHROUD. NEO generates a concentrated jet of air like Easy Pow'air, but it is unusual in that it has a vertical oval shape. This shape stretched lengthways minimises losses on either side of the door, and optimises the amount of air entering the door.

GRILL - PROPELLER - SHROUD: The complementarity of these three components (their technical nature and air flow design) help considerably increase the performance of 400 mm (16") diameter petrol-driven, electric or hydraulic fans in the LEADER range.

Up to 20% additional flow for unrivalled power in their category!
This new performance, accredited by external organisations, allows the use of smaller and lighter fans during operations which previously required larger fans from other categories.

**The compact portable fans can be stored easily in the cabinet of a firefighting response vehicle.
They can be Petrol-Driven, Battery-Powered, Electric or Hydraulic. In any event, they have been studied to ensure optimal power and to make a difference during your firefighting operations.**

PORTABLE LEADER FANS

OUR ENGINEERS HAVE OVERCOME TECHNICAL OBSTACLES TO KEEP YOU WORKING

HOW TO CHOOSE YOUR PORTABLE FAN?

VARIOUS TYPES OF MOTOR FOR A WIDE RANGE OF USES.

Regardless of the model, all our fans are designed and manufactured carefully and with very high quality and performance standards. All the components and equipment were designed and chosen for their strength and reliability. LEADER fans also have an attractive design and unique ergonomics for their category.

Each fan model has its own features and unique aspects. The guide below will help you choose the fan which will meet your needs and requirements perfectly.

BATTERY-POWERED *P. 8*

- Excellent running time
- Stable
- Quiet
- Clean
- Suction + Blowing

ELECTRIC *P. 12*

- Performance
- Reduced noise
- No exhaust gas
- ATEX certified

PETROL-DRIVEN *P. 16*

- Maximum performance
- XL running time
- Robust

HYDRAULIC *P. 20*

- Maximum performance
- Reduced noise

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PORTABLE BATTERY-POWERED LEADER FAN
AUTONOMOUS AND LIGHTWEIGHT

With battery-powered fans, you will no longer need to search for an electrical outlet or need an electrical generator for your ventilation operations.
Completely autonomous, lightweight, and non-polluting, LEADER battery-powered fan can be carried by a single firefighter in order to be installed very quickly as close as possible to the fire. (Our fans also work on electrical networks if necessary).

Compact, they are easily stored in the trunk of a vehicle.
Two BATFANs occupy the same space as a single conventional fan.

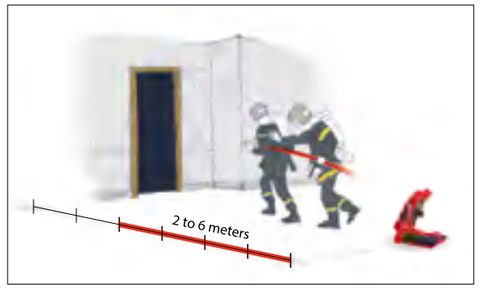
Their design has been carefully studied to give them great stability even in the event of shocks.

Versatile, our battery-powered fans can be used for blowing, extraction, as a foam generator or as a fogger with it's various accessories
available (ducts, foam adapter, mister, etc.).

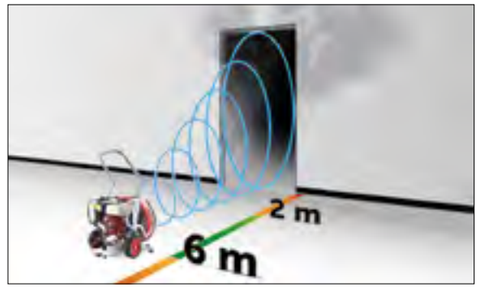
In addition, the low noise level due to the electric motor facilitates operational communication.

BATFAN,
highly stable
when operating.

FEATURES AND BENEFITS



Constant efficiency from 2 to 6 meters:
LEADER fans offer much more space for firefighting teams to move around.



NEO concept:
An oval-shaped jet of air!
For increasingly efficient fans (see p4 and 5).

Unbreakable:
A robust design and highly resistant materials for harsh conditions. Double-walled full shroud offering maximum protection if a foreign body is picked up.

More space:
Compact and ergonomic design.
Easy to store in a vehicle cabinet..

NiMH?
or
Li-ion?

A wide range of batteries
BATFAN 2: NiMH batteries classified as non-hazardous.
Others: UN38.3 certified Lithium batteries to comply with transport standards

AMCA 240 certified flow rates:
By official independent laboratories:
AMCA - USA - Chicago, LOMC (Laboratoire Ondes et Milieux Complexes) FRANCE.

LEADER BATTERY-POWERED FANS

	B-215-Li	E-FAN 18
REFERENCE	I63.12.201	I63.12.102EU
PERFORMANCES		
Running time	35 min	70 min
Open air flow (m3/h)	27,930	35,050*
AMCA flow rate (m3/h)	17,400	18,500
Neo technology/oval jet	■	-
Easy pow'air Technology / straight jet	■	-
MOTOR SPECIFICATION		
Motor	800 W	650 W
220 V mains power supply	-	■
Speed controller	-	■
Battery	Li-ion 5 Ah	Li-ion 48 V / 17.5 Ah
Recharge time	1hr 15min	4hrs 40min
FEATURES		
Weight (kg) with battery	22 kg	23.6 kg
Dimensions W x H x D (mm)	530 X 495 X 555	580 X 620 X 280
Propeller diameter (mm)	420	460
IP (Dust and water protection)	IP55	IP65
Removable battery	□	□
Built-in charger	-	-
Tilt range	+20° / -10°	+25° / -12°
Sound level (at 3 metres)	75 dB	82 dB
APPLICATION		
Ventilation type	PPV/Relay	PPV/Relay
Application	1	1
OPTIONS AND ACCESSORIES		
LED lighting		■
Blowing duct	●	●
Spiral suction duct	-	-
Rehab mister	-	●
Foam generator	●	-
Reduction for ZAG connection	-	-
Removable battery	● = I63.12.202	● = I63.12.120
External Charger 220 V 50/60 Hz 110 V 60 Hz	● = I63.12.203 ● = I63.12.204	● = I63.12.121 EU ☎
110 V mains power supply	-	☎
Extension cord in bag	-	●
WARRANTY PARTS AND LABOUR		
Fan / motor	5 years / 3 years	2 years / 2 years
Battery	3 years	1 year / 300 cycles

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation (extraction)
Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

1 - Single door ventilation - detached house, small buildings, etc.
2 - Single/double door ventilation - tall buildings, medium-sized warehouse, etc.
3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

For higher flow rates, see page 24 portable petrol-driven LFV

KEY
■ As standard
□ Option (variant) to be indicated when ordering
● Option which can be supplied later
- Not applicable
☎ On request

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	BATFAN 2 45	BATFAN 3 Li+
REFERENCE	I63.12.011N	I63.12.300N
PERFORMANCES		
Running time	45 min	50 min
Open air flow (m3/h)	28,050	29,270
AMCA flow rate (m3/h)	17,700	18,600
Neo technology/oval jet	■	■
Easy pow'air Technology / straight jet	■	■
MOTOR SPECIFICATION		
Motor	600 W	600 W
220 V mains power supply	■	■
Speed controller	■	■
Battery	NiMH	Li-ion 48 V / 12.5 Ah
Recharge time	7hr 20min	3hrs - external charger 7hrs 30min - built-in charger
FEATURES		
Weight (kg) with battery	26.5 kg	24 kg
Dimensions W x H x D (mm)	540 X 530 X 270	540 X 530 X 270
Propeller diameter (mm)	420	420
IP (Dust and water protection)	IP66	IP66
Removable battery	-	□
Built-in charger	■	■
Tilt range	+65° / -90°	+65° / -90°
Sound level (at 3 metres)	76.8 dB	76.3 dB
APPLICATION		
Ventilation type	PPV/NPV/Relay	PPV/NPV/Relay
Application	1	1
OPTIONS AND ACCESSORIES		
LED lighting	■	■
Blowing duct	●	●
Spiral suction duct	●	●
Rehab mister	●	●
Foam generator	●	●
Reduction for ZAG connection	●	●
Removable battery	-	● = I63.12.302
External Charger 220 V 50/60 Hz 110 V 60 Hz	● = I63.12.013N	● = I63.12.301 ● = I63.12.304
110 V mains power supply	□	□ = I63.12.303N
Extension cord in bag	●	●
WARRANTY PARTS AND LABOUR		
Fan / motor	5 years / 3 years	5 years / 3 years
Battery	1 year / 350 cycles	1 year / 500 cycles

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation (extraction)
Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

1 - Single door ventilation - detached house, small buildings, etc.
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3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

For higher flow rates, see page 24 portable petrol-driven LFV

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PORTABLE ELECTRIC LEADER FAN

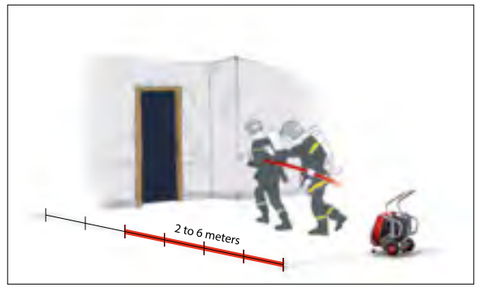
ECO-FRIENDLY AND EASY TO SET-UP

These fans offer the advantage that they do not produce any toxic emissions and they are quieter than petrol-driven fans. However they do require a power supply, which must be sized in advance to be sufficient in terms of power and number.
LEADER offers a comprehensive range of electric fans, notably ATEX certified with various power options, with or without controller, and adapted to different power networks (110/220/400 V, 50/60 Hz, GFCI, gradual start-up, etc.).

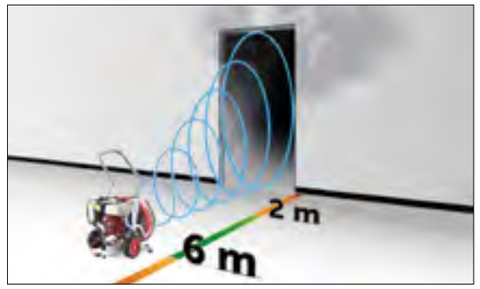
ESV230

ESX230

FEATURES AND BENEFITS



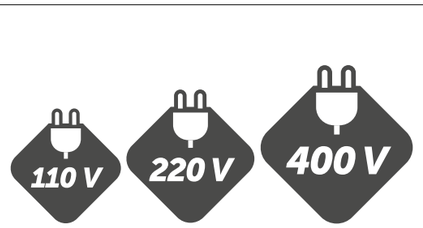
Constant efficiency from 2 to 6 meters:
LEADER fans offer much more space for firefighting teams to move around.



NEO concept:
An oval-shaped jet!
For increasingly efficient fans (see p4 and 5).

ATEX fans: ESX and SAX.
Completely ATEX certified.
NB: assembling certified components is not enough to declare a fan ATEX certified.

Fire and industry:
Ventilation equipment also designed for at-risk industries, both for extraction and air supply.



Any voltage type:
Devices designed to be used in various countries, subject to varied power supplies.

AMCA 240 certified flow rates:
By official independent laboratories:
AMCA - USA - Chicago, LOMC (Laboratoire Ondes et Milieux Complexes) FRANCE.

LEADER ELECTRIC FANS

SA315

SAX320

ESX230

ES220

REFERENCE	I63.00.022	I63.00.006	I63.11.006	I63.10.039N
PERFORMANCES				
Open air flow (m3/h)	9,000	9,000	30,000	33,250
AMCA flow rate (m3/h)	-	-	19,000	21,360
Nominal flow rate (m3/h)	2,560	2,560	-	-
Neo technology/oval jet	-	-	-	■
Easy pow'air Technology / straight jet	-	-	■	■
MOTOR SPECIFICATION				
Speed controller	-	-	-	-
Motor	1.1 kW	1.1 kW	1.85 kW	1.5 kW
Power supply	220 V- 50 HZ Single-phase	220 V- 50 HZ Single-phase	400 V – 50/60 HZ Three-phase	220 V- 50 HZ Single-phase
Consumption (steady-state)	6.1 A	4.5 A	3.5 A	7.2 A
FEATURES				
Weight (kg)	29.8 kg	42 kg	57 kg	25.9 kg
Dimensions W x H x D (mm)	374 X 435 X 460	374 X 585 X 520	550 X 550 X 515	550 X 568 X 436
Propeller diameter (mm)	300	300	420	420
IP (Dust and water protection)	IP54	IP55	IP65	IP55
ATEX certified	-	■	■	-
Tilt range	-	-	0 / +20°	-10°/+20°
Sound level (at 3 metres)	77 dB	77 dB	83.6 dB	86.5 dB
Other models		□ Navy □ Three-phase		
APPLICATION				
Ventilation type	NPV	NPV	PPV	PPV
Application	-	-	1	1
OPTIONS AND ACCESSORIES				
Blowing duct	●	● ATEX certified	● ATEX certified	●
Mister	-	-	■ ATEX certified	●
Rehab mister	-	-	●	●
Foam generator	-	-	●	●
Mains plug	■	-	-	■
Extension cord in bag	●	-	-	●
Protective cover	-	-	●	-
WARRANTY PARTS AND LABOUR				
Fan / motor	2 years / 2 years	2 years / 2 years	2 years / 2 years	5 years / 3 years

KEY

■ As standard
□ Option (variant) to be indicated when ordering
● Option which can be supplied later
- Not applicable
☎ On request

1 - Single door ventilation - detached house, small buildings, etc.
2 - Single/double door ventilation - tall buildings, medium-sized warehouse, etc.
3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

For higher flow rates, see page 26 portable petrol-driven LFV

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation (extraction)
Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

09/2020 - ZCL.03.352.EN.1

ES230 NEO

ESV230 NEO

EDS230

EVG230

ESV245

REFERENCE	I63.10.010N	I63.10.011N	I63.10.032N	I63.10.042N	I63.10.015
PERFORMANCES					
Open air flow (m3/h)	48,000	48,000	30,187	30,345	49,050*
AMCA flow rate (m3/h)	27,140	27,140	19,750	19,750	28,450
Nominal flow rate (m3/h)	-	-	-	-	
Neo technology/oval jet	■	■	■	■	-
Easy pow'air Technology /straight jet	■	■	■	■	■
MOTOR SPECIFICATION					
Speed controller	-	■	-	■	■
Motor	2.2 kW	2.2 kW	1.1 kW	1.1 kW	2.2 kW
Power supply	220 V- 50 Hz Single-phase	220 V- 50 Hz Single-phase	110 V- 60 Hz Single-phase - GFCI	110 V- 50/60 Hz Single-phase - GFCI	220 V- 50 Hz Single-phase
Consumption (steady-state)	12.5 A	14 A	13.2 A	13.9 A	14 A
FEATURES					
Weight (kg)	39.3 kg	41 kg	33.1 kg	35.5 kg	53 kg
Dimensions W x H x D (mm)	550 X 560 X 515	550 X 560 X 515	550 X 560 X 515	550 X 560 X 515	710 X 720 X 617
Propeller diameter (mm)	420	420	420	420	570
IP (Dust and water protection)	IP55	IP55	IP55	IP55	IP55
ATEX certified	-	-	-	-	-
Tilt range	0 / +20°	0 / +20°	0 / +20°	0 / +20°	0 / +20°
Sound level (at 3 metres)	85.3 dB	85.3 dB	85.2 dB	85.2 dB	88.7 dB
Other models	□ ESP : progressive start-up	-	□ 1.5 kW - 34,020 m3/h	-	□ without controller
APPLICATION					
Ventilation type	PPV	PPV	PPV	PPV	PPV
Application	1	1	1	1	1 - 2
OPTIONS AND ACCESSORIES					
Blowing duct	●	●	●	●	●
V-Box extraction kit	●	●	●	●	-
Mister	●	●	●	●	●
Rehab mister	●	●	●	●	●
Foam generator	●	●	●	●	●
Mains plug	■	■	■ USA Std	■ USA Std	■
Extension cord in bag	●	●	-	-	●
Protective cover	●	●	●	●	●
WARRANTY PARTS AND LABOUR					
Fan / motor	5 years / 3 years	5 years / 3 years	5 years / 3 years	5 years / 3 years	5 years / 3 years

KEY

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- Not applicable
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1 - Single door ventilation - detached house, small buildings, etc.
2 - Single/double door ventilation - tall buildings, medium-sized warehouse, etc.
3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

For higher flow rates, see page 26 portable petrol-driven LFV

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation (extraction)
Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

PORTABLE PETROL-DRIVEN LEADER FAN

EXTREMELY POWERFUL AND GUARANTEED EFFICIENCY

These autonomous fans offer the advantage that they do not need a power supply.
They provide excellent air supply power for smoke removal.

LEADER offers a comprehensive range of very powerful petrol-driven fans, equipped with motors with various capacities.

MT240

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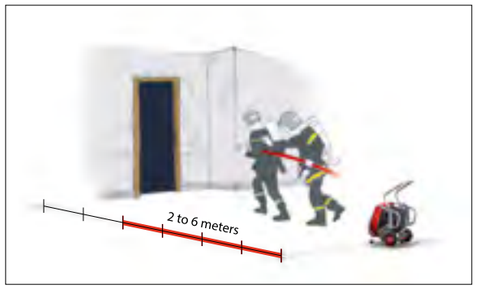
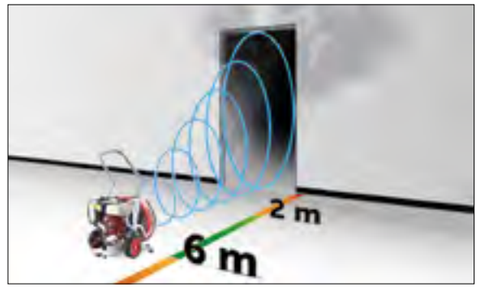
FEATURES AND BENEFITS



Constant efficiency from 2 to 6 meters:
LEADER fans offer much more space for firefighting teams to move around.



NEO concept:
An oval-shaped jet of air!
For increasingly efficient fans (see p4 and 5).

Unbreakable shroud:
A robust design and highly resistant materials for harsh conditions. Double-walled full shroud offering maximum protection if a foreign body is picked up.

A very robust frame:
Robust steel frame (30 mm diameter tube).
Large all-terrain wheels.

A sign of quality:
A partnership with recognised motor manufacturers Honda and Briggs and Stratton which have approved our fans.

AMCA 240 certified flow rates:
By official independent laboratories:
AMCA - USA - Chicago, LOMC (Laboratoire Ondes et Milieux Complexes) FRANCE.

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LEADER PETROL-DRIVEN FANS

	MT215L	MT225	MT236
REFERENCE	I60.10.062N	I60.10.064N	I60.10.053N
PERFORMANCES			
Open air flow (m3/h)	33,900	41,950	52,550
AMCA flow rate (m3/h)	23,260	30,500	33,660
Neo technology/oval jet	■	■	■
Easy pow'air Technology / straight jet	■	■	■
MOTOR SPECIFICATION			
Motor	Honda GXH50	Honda GP160	Honda GX160
Oil low level safety	-	■	■
Power	2.1 HP	4.8 HP	4.8 HP
FEATURES			
Weight (kg)	20.3 kg	26.8 kg	39.6 kg
Dimensions W x H x D (mm)	530 X 495 X 555	550 X 568 X 436	550 X 560 X 515
Propeller diameter (mm)	420	420	420
Running time	1HR 40MINS	2HR 10MINS	2HR 10MINS
Automatic tilt	-	-	■
Transport wheels	-	-	■
Sound level (at 3 metres)	84.5 dB	93 dB	93 dB
APPLICATION			
Ventilation type	PPV	PPV	PPV
Application	1	1	1
OPTIONS AND ACCESSORIES			
Blowing duct	●	●	●
Mister	-	●	●
Rehab	-	-	●
Foam generator	●	●	●
Exhaust adapter	-	-	●
Exhaust extension pipe	-	-	●
Catalytic converter	-	-	●
Hour meter	●	-	●
Tilt -10 to +20°	■	■	■
Protective cover	-	-	●
WARRANTY PARTS AND LABOUR			
Fan / motor	5 years / 3 years	5 years / 3 years	5 years / 3 years

KEY

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- Not applicable
☎ On request

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**For higher flow rates, see page 24 portable petrol-driven LFV*

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Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

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	MT240	MT245	MT280	MT296
REFERENCE	I60.10.060N	I60.10.051	I60.10.048	I60.10.045
PERFORMANCES				
Open air flow (m3/h)	68,300	52,320	117,100	128,950*
AMCA flow rate (m3/h)	36,280	-	-	-
Neo technology/oval jet	■	-	-	-
Easy pow'air Technology / straight jet	■	■	■	■
MOTOR SPECIFICATION				
Motor	Honda GX200	Honda GX200	Honda GX390	B & S -Vanguard
Oil low level safety	■	■	■	-
Power	5.5 HP	5.5 HP	11.7 HP	16 HP
FEATURES				
Weight (kg)	40.5 kg	52 kg	69 kg	76.7 kg
Dimensions W x H x D (mm)	550 X 560 X 515	710 X 720 X 617	710 X 780 X 617	710 X 780 X 678
Propeller diameter (mm)	420	570	570	570
Running time	2 HOURS	2 HOURS	1HR 20MINS	1HR 50MINS
Automatic tilt	■	■	■	■
Transport wheels	■	■	■	■
Sound level (at 3 metres)	93 dB	96 dB	99 dB	98.3 dB
APPLICATION				
Ventilation type	PPV	PPV	PPV	PPV - LFV
Application	1	1 - 2	1 - 2	1 - 2
OPTIONS AND ACCESSORIES				
Blowing duct	●	●	●	●
Mister	●	●	●	●
Rehab	●	●	●	●
Foam generator	●	●	●	●
Exhaust adapter	●	●	●	■
Exhaust extension pipe	●	●	●	●
Catalytic converter	●	●	-	-
Hour meter	●	●	●	●
Tilt -10 to +20°	■	●	●	●
Protective cover	●	●	●	●
WARRANTY PARTS AND LABOUR				
Fan / motor	5 years / 3 years	5 years / 3 years	5 years / 3 years	5 years / 3 years

KEY

■ As standard
□ Option (variant) to be indicated when ordering
● Option which can be supplied later
- Not applicable
☎ On request

1 - Single door ventilation - detached house, small buildings, etc.
2 - Single/double door ventilation - tall buildings, medium-sized warehouse, etc.
3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

**For higher flow rates, see page 24 portable petrol-driven LFV*

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation (extraction)
Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

09/2020 - ZCL.03.352.EN.1

PORTABLE WATER-DRIVEN LEADER FAN

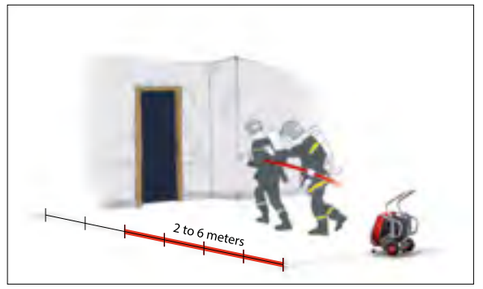
ECO-FRIENDLY AND SIMPLE

These fans are used for specific operations or as part of specific procedures which do not allow the use of petrol-driven or electric fans.

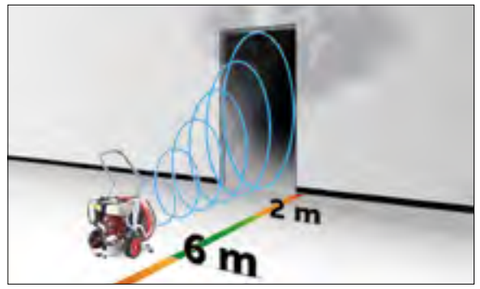
Supplied by a pump, they can operate in a closed circuit.

MH236

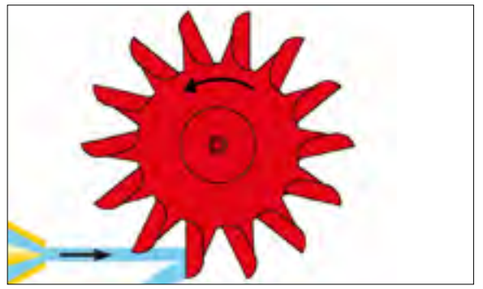
FEATURES AND BENEFITS



Constant efficiency from 2 to 6 meters:
LEADER fans offer much more space for firefighting teams to move around.



NEO concept:
An oval-shaped jet for increasingly efficient fans.



A very robust motor:
A powerful 9 HP water motor driven by pressurised water from the vehicle pump.

Convenient:
Pressure gauge and flow rate/speed adjustment valve.

No water consumption:
The water used can be redirected to the pumper to operate in a closed circuit.

Built-in mister:
Connected directly to the motor water power supply.

LEADER HYDRAULIC FANS

	MH236	MH260
REFERENCE	I61.00.034N	I61.00.037
PERFORMANCES		
Open air flow (m3/h)	51,100	79,900
AMCA flow rate (m3/h)	33,000	-
Neo technology/oval jet	■	-
Easy pow'air Technology / straight jet	■	■
MOTOR SPECIFICATION		
Motor	9 HP	9 HP
Power supply	Pressurised water	Pressurised water
Consumption	620 l/min @ 10 bar	620 l/min @ 10 bar
Connection	2" BSP male	2" BSP male
FEATURES		
Weight (kg)	32.6 kg	49 kg
Dimensions W x H x D (mm)	550 X 560 X 515	710 X 720 X 617
Propeller diameter (mm)	420	570
Automatic tilt	■	■
Tilt range	0 to +20°	0 to +20°
Sound level (at 3 metres)	92.8 dB	92.8 dB
APPLICATION		
Ventilation type	PPV	PPV
Application	1	1 - 2
OPTIONS AND ACCESSORIES		
Blowing duct	●	●
Protective cover	●	●
Mister	■	■
Rehab	●	●
Foam generator	●	●
Tilt -10°	●	●
WARRANTY PARTS AND LABOUR		
Fan / motor	5 years / 3 years	5 years / 3 years

KEY

■ As standard
□ Option (variant) to be indicated when ordering
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- Not applicable
☎ On request

1 - Single door ventilation - detached house, small buildings, etc.
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PPV = Positive-Pressure Ventilation
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Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

09/2020 - ZCL.03.352.EN.1

09/2020 - ZCL.03.352.EN.1

LEADER has designed ventilators which produce very high flow rates to effectively fight fires in very large areas: Warehouses, Tunnels, Airports, Industrial Complexes, Tall Buildings, etc.
They are also used to accelerate smoke extraction operations to restart work more quickly at facilities.

LARGE FLOW LEADER FANS

PORTABLE, TOWABLE OR TRUCK-MOUNTED,
THEY OFFER A MOBILE SOLUTION FOR VENTILATING LARGE AREAS

WHICH LARGE FLOW VENTILATORS?

MULTIPLE CONFIGURATIONS TO MEET OPERATIONAL NEEDS

Electric, petrol-driven, hydraulic or connected to a vehicle's power take-off (PTO), portable, towable - LEADER large flow fans all have something in common: Performance and Strength.

If their features allow, they can be easily adapted by the customer to their chosen transport solution (on tracks, truck, flat-bed, etc.)

Each large flow fan model has its own features and unique aspects. The guide below will help you choose the fan which will meet your needs and requirements perfectly.

PORTABLE *P. 26*
- Lightweight and easy to move about
- Reduced noise emissions

VERY LARGE FLOW *P. 30*
- Optimum performance-weight ratio
- XXL running time

MVU / TEMPEST *P. 34*
- Maximum performance
- Hydraulic drive
- Blowing and extraction

09/2020 - ZCL.03.352.EN.1
09/2020 - ZCL.03.352.EN.1

PORTABLE LARGE FLOW LEADER FAN
A MODULAR SOLUTION

These portable fans are easy-to-install solutions for strategies which are unsuitable for towable large flow ventilators.
With their smaller dimensions, they come into their own when ventilating medium-sized industrial buildings, underground car parks... and they are designed to be used at the same time for several entries/exits.

ESV280

FEATURES AND BENEFITS

Convenient:
Designed for rapid smoke extraction from underground car parks. The PARKFAN is placed inside the smoke-filled area to blow the smoke outside.

User-friendly:
Automatic and optimal tilting to +10° and precise adjustment from +10° to +20° for optimised orientation of an air jet when facing a set of stairs.

Remote control:
Supplied with a wireless remote control, the PARKFAN can be controlled remotely, outside the smoke-filled area.

Versatile:
Various accessories for multi-functionality: Extraction ducts, blowing ducts, mister, etc.

Easy to handle and stable:
Even on soft ground thanks to large, very wide wheels at the rear of the fan.

Approved:
Flow rates certified by an independent organisation: LOMC (Laboratoire Ondes et Milieux Complexes) FRANCE.

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LEADER PORTABLE LARGE FLOW FANS

	ESP280	PARKFAN 80	MT296
REFERENCE	I63.10.037	I63.10.045	I60.10.045
PERFORMANCES			
Open air flow (m3/h)	115,700*	115,700*	128,950*
Neo technology/oval jet	-	-	-
Easy pow'air Technology / straight jet	■	■	■
MOTOR SPECIFICATION			
Motor	7.5 kW with gradual start-up	7.5 kW with speed controller	16 HP B and S - Vanguard
Power supply	400 V 50/60 Hz Three-phase	400 V 50/60 Hz Three-phase	Petrol
Remote control	-	■	-
Power	10 HP	10 HP	16 HP
Consumption	15 A	16 A	-
FEATURES			
Weight (kg)	75.5 kg	83 kg	76.7 kg
Dimensions W x H x D (mm)	710 X 720 X 678	710 X 720 X 678	710 X 780 X 678
Propeller diameter (mm)	570	570	570
Running time	-	-	1HR 50MINS
Automatic tilt	■	■	■
Transport wheels	■	■	■
Sound level (at 3 metres)	96.3 dB	96.3 dB	98.3 dB
Other models	□ with speed controller	-	-
APPLICATION			
Ventilation type	PPV - LFV	PPV/LFV/NPV	PPV - LFV
Application	1 - 2	1 - 2	1 - 2
OPTIONS AND ACCESSORIES			
Blowing duct	●	●	●
Mister	●	■	●
Rehab	●	●	●
Foam generator	●	●	●
Plug	■ CE – 400 V 16 A	■ CE – 400 V 16 A	-
Exhaust extension pipe	-	-	●
Tilt -10°	●	●	●
Protective cover	●	●	●
WARRANTY PARTS AND LABOUR			
Fan / motor	5 years / 3 years	5 years / 3 years	5 years / 3 years

KEY

■ As standard
□ Option (variant) to be indicated when ordering
● Option which can be supplied later
- Not applicable
☎ On request

1 - Single door ventilation - detached house, small buildings, etc.
2 - Single/double door ventilation - tall buildings, medium-sized warehouse, etc.
3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

For higher flow rates, see page 30 LFV

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation (extraction)
Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

09/2020 - ZCL.03.352.EN.1

09/2020 - ZCL.03.352.EN.1

PETROL-DRIVEN LARGE FLOW LEADER VENTILATOR

POWERFUL WHILE VERY EASY TO HANDLE

These fans are a mobile solution for ventilating large areas: Warehouses, Tunnels, Airports, Industrial Complexes, Tall Buildings, etc.

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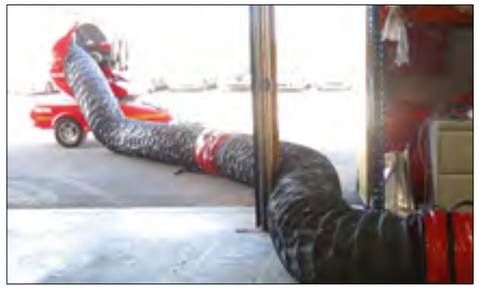
FEATURES AND BENEFITS

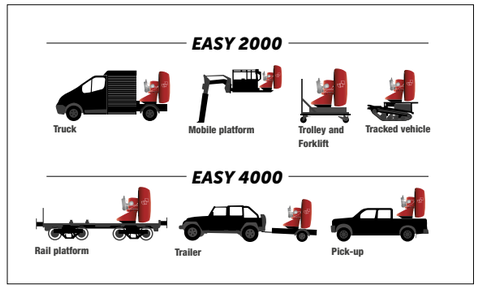
A sign of quality:
A partnership with Honda and BMW, internationally renowned motor manufacturers who contribute to the performance of our fans.

Easy to handle:
Powerful but lightweight devices which makes them easy to handle, even by a single person. Easy 2000: 300kg / Easy 4000: 550kg

Long-reach misting:
Misting of 260 l/min as standard, which can have additives added and operate with a traditional inductor.



Versatile:
Various accessories for multi-functionality: Extraction ducts, blowing ducts, etc.



Configurable:
Designed to be installed on road trailers, firefighting vehicles or moved into place with a forklift.

Approved:
Flow rates certified by an independent organisation: LOMC (Laboratoire Ondes et Milieux Complexes) FRANCE.

09/2020 - ZCL.03.352.EN.1

LEADER PETROL-DRIVEN LARGE FLOW VENTILATORS

	EASY 2000 ON SKID	EASY 2000 + ELEVATION 1200 ON SKID	EASY 2000 ON TRAILER	EASY 2000 + ELEVATION 1200 ON TRAILER
REFERENCE	I60.30.121	I60.30.126	I60.30.124	I60.30.120
PERFORMANCES				
Open air flow (m3/h)	220,000	220,000	220,000	220,000
Mister	260 l/min	260 l/min	260 l/min	260 l/min
Frame/trailer	Steel with red epoxy paint	Steel with red epoxy paint	1-axle with brakes, hitch ball and sealed compartment	1-axle with brakes, hitch ball and sealed compartment
MOTOR SPECIFICATION				
Motor	HONDA GX630	HONDA GX630	HONDA GX630	HONDA GX630
Power	20.8 HP	20.8 HP	20.8 HP	20.8 HP
Fuel	UNLEADED GASOLINE 95	UNLEADED GASOLINE 95	UNLEADED GASOLINE 95	UNLEADED GASOLINE 95
FEATURES				
Dry weight (kg)	158 kg	344 kg	301 kg	447 kg
Height (mm)	1250	1645 to 2845	1715	2050 to 3250
Width (mm)	1060	1060	1430	1430
Length (mm)	1205	1293	2800	2800
Propeller diameter (mm)	885	885	885	885
Running time	3hr 5mins	3hr 5mins	3hr 5mins	3hr 5mins
Sound level (at 7 metres)	93.9 dB	93.9 dB	93.9 dB	93.9 dB
APPLICATION				
Ventilation type	PPV/LFV/NPV	PPV/LFV/NPV	PPV/LFV/NPV	PPV/LFV/NPV
Application	2 - 3	2 - 3	2 - 3	2 - 3
OPTIONS AND ACCESSORIES				
Blowing duct	●	●	●	●
Suction duct	●	●	●	●
Mister	■	■	■	■
Exhaust adapter and exhaust extension piece	●	●	●	●
Adjustable tilt -10°/+20°	■	■	■	■
360° rotation	□	□	-	-
Remote control*	■	■	■	■
LED beacon	□	□	□	□
Trolley	□	□	-	-
Articulated drawbar	-	-	□	□
Hitch ring	-	-	□	□
600 mm elevation	-	□	-	□
WARRANTY				
Parts and labour	1 year	1 year	1 year	1 year

KEY

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- Not applicable
☎ On request

1 - Single door ventilation - detached house, small buildings, etc.
2 - Single/double door ventilation - tall buildings, medium-sized warehouse, etc.
3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation (extraction)
Relay = Relay fan for combined ventilation

*Remote control with 10 metres of cable to control:
- the tilt of the shroud from -10° to +20°
- the raising and lowering of the lift table
- motor shutdown
- LED spotlight on/off

09/2020 - ZCL.03.352.EN.1

	EASY 4000 ON SKID	EASY 4000 + ELEVATION 1200 ON SKIDS	EASY 4000 ON TRAILER	EASY 4000 + ELEVATION 1200 ON TRAILER
REFERENCE	I60.30.110	I60.30.112	I60.30.113	I60.30.109
PERFORMANCES				
Open air flow (m3/h)	410,000	410,000	410,000	410,000
Mister	260 l/min	260 l/min	260 l/min	260 l/min
Frame/trailer	Steel with black epoxy paint	Steel with black epoxy paint	AL-KO single axle in accordance with European standards Hitch ball with brakes	AL-KO single axle in accordance with European standards Hitch ball with brakes
MOTOR SPECIFICATION				
Motor	BMW Flat Twin - 1170 cm3	BMW Flat Twin - 1170 cm3	BMW Flat Twin - 1170 cm3	BMW Flat Twin - 1170 cm3
Power	115 HP	115 HP	115 HP	115 HP
Fuel	UNLEADED GASOLINE 95	UNLEADED GASOLINE 95	UNLEADED GASOLINE 95	UNLEADED GASOLINE 95
FEATURES				
Dry weight (kg)	372 kg	518 kg	546 kg	692 kg
Height (mm)	1618	1922 TO 3122	2215	2315 TO 3515
Width (mm)	1474	1474	1690	1690
Length (mm)	1809	1809	3300	3300
Propeller diameter (mm)	1200	1200	1200	1200
Running time	1hr 40min	1hr 40min	1hr 40min	1hr 40min
Sound level (at 7 metres)	96 dB	96 dB	96 dB	96 dB
APPLICATION				
Ventilation type	PPV/LFV/NPV	PPV/LFV/NPV	PPV/LFV/NPV	PPV/LFV/NPV
Application	2 - 3	2 - 3	2 - 3	2 - 3
OPTIONS AND ACCESSORIES				
Blowing duct	●	●	●	●
Suction duct	●	●	●	●
Mister	■	■	■	■
Exhaust adapter and exhaust extension piece	●	●	●	●
Adjustable tilt -10°/+20°	■	■	■	■
360° rotation	□	□	-	-
Remote control*	□	□	□	□
LED beacon	-	-	-	-
Trolley	-	-	-	-
Articulated drawbar	-	-	□	□
Hitch ring	-	-	□	□
600 mm elevation	-	□	-	□
WARRANTY				
Parts and labour	1 year	1 year	1 year	1 year

KEY

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1 - Single door ventilation - detached house, small buildings, etc.
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PPV = Positive-Pressure Ventilation
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Relay = Relay fan for combined ventilation

*Remote control with 13 metres of cable to control:
- the tilt of the shroud from -10° to +20°.
- the flow rate by adjusting the fan speed
- the raising and lowering of the lift table
- motor shutdown
- LED spotlight on/off

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LARGE FLOW VENTILATORS MVU: TEMPEST MOBILE VENTILATION UNIT

RECOGNISED EXPERTISE WORLDWIDE

TEMPEST

N°1 in fire ventilation in the USA and a LEADER subsidiary, TEMPEST designs and manufactures custom MVU to meet specific needs linked to very large structures: tall buildings, shopping malls, metros, tunnels, etc.

MVU are provided to offer both air supply and extraction, and can also have an optional mister.

Available in 2 sizes of shroud - 48" or 60" (122 cm or 152 cm diameter), MVU are using a powerful hydraulic unit powered either with a turbocharged Caterpillar motor or a vehicle power take-off (PTO).

The hydraulic power unit is particularly well suited to very long-term use. It supplies the fan itself, but also the lift system (up to 3 metres) and the overall orientation (-30° to +30°).
Supplied with 24 V, it is possible to rotate it 360° in both directions.
This type of power supply also offers the advantage that it does not push the exhaust gas into the ventilated room.

For more information:
www.tempest.us.com/mobile-ventilation-unit-mvu

09/2020 - ZCL.03.352.EN.1

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VENTILATION ACCESSORIES

ADAPTING FANS SO THEY CAN BE USED IN EVEN MORE SITUATIONS.

Our engineers have developed a wide range of tools or accessories which help diversify the potential uses of a fan and deal with operational constraints or developing situations.

Supply and extraction ducts, high-expansion foam adapters, mister nozzles, etc.
All these accessories aim to make operations quicker and more effective, whilst improving the safety of firefighters and potential victims.

BLOWING AND EXTRACTION *P. 38*
- V-Box: Extraction/Blowing Kit
- Flexible spiral ducts

LFV OPTIONS *P. 39*
- 600 or 1200 mm elevation
- Rotation

FOAM ADAPTER *P. 40*
- Expansion up to 400

MISTING *P. 40*
- For attack
- For rehab

REDUCING CO LEVELS *P. 41*
- Catalytic converter
- Exhaust extension pipe

ADDITIONAL EQUIPMENT *P. 42*
- Extension cords in bag
- Smoke curtain
- 20,000 V insulating pole

09/2020 - ZCL.03.352.EN.1

BLOWING AND EXTRACTION

V-BOX: EXTRACTION/BLOWING CONVERSION KIT

V-box: a simple solution to convert an electric fan into a powerful extractor.
The electric fan (ES220 / ES230 / ESP230 / ESV230 / EDS230 / EVG 230) is placed inside the V-Box in the desired air flow direction (extraction or blowing).
Quick connection between ducts and the V-Box.
Can be used with several ducts both upstream and downstream.
Equipped with carry handles, V-Box can be used to transport and protect the fan. It is reinforced on its base with plastic skis, which means it can be dragged on the ground.

Reference	*Features*	*Dimensions*	*Weight*
I63.20.017	V-Box: Red Cube in Polyester and Polypropylene with rigid built-in structure Equipped with 2 male quick connections	H 58 x W 64 x D 51 cm	3.5 kg
I63.20.014	Spiral duct M1 for V-Box cube equipped with male and female quick connections	Ø 400 mm / length 5 m	11.5 kg
I63.20.016	ZAG adapter: equipped with a female quick connection for positioning at the end of the duct or directly on the V-BOX cube	Ø 300 mm / thickness 70mm	1.5 kg

VENTILATION DUCTS

Flexible ducts designed with high-end textiles
Classified non combustible, difficult to ignite, anti-static or ATEX certified...
A plus for channelling air from the fan or extracting smoke during complex operations!

Compatible with the following fans:	*Reference*	*Diameter*	*Length*	*Weight*
Petrol-driven: MT215L / MT225 / MT236 / MT240 **Electric:** E-FAN 18" / ES220 / ES230 / ESP230 / ESV230 / EDS230 / EVG230 ESV230 / EDS230 / EVG230 **Hydraulic:** MH236	*I60.20.152*	430 mm	5 m	13 kg
BATFAN 2 and 3 Li+	*I63.20.025*	500 mm	5 m	13.5 kg
Petrol-driven: MT245 / MT280 / MT296 **Electric:** ES245 / ESV245 / ESP280 / ESV280 / PARKFAN 80 **Hydraulic:** MH260	*I60.20.153*	600 mm	5 m	17.5 kg
Electric: SA315	*I61.20.002*	300 mm	5 m	12.8 kg
ATEX: SAX320	*I61.20.011*	300 mm	5 m	13.1 kg
ATEX: ESX230	*I60.20.099*	430 mm	5 m	12.5 kg

09/2020 - ZCL.03.352.EN.1

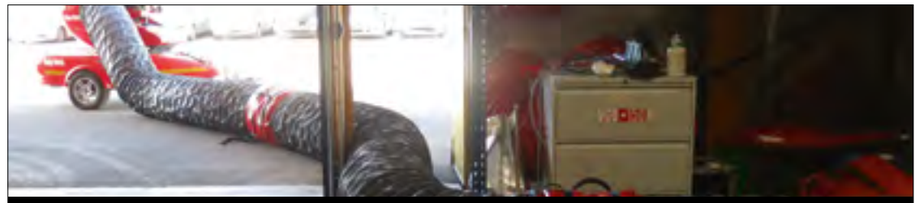
LFV ACCESSORIES

DUCTS FOR EASY 2000 AND EASY 4000

For air supply or extracting smoke from large areas.
No need for an oversized adapter between the duct and fan.
Ability to connect ducts together.

Compatible with:	*Type*	*Reference*	*Features*	*Weight*
Easy 2000	Blowing	*I60.30.122*	5 m – Diam. 900 mm	25 kg
Easy 4000	Blowing	*I60.30.016*	12 m / Diam 1700 mm	40 kg
Easy 2000 and Easy 4000	Extraction	*I60.30.019*	6 m / Diam. 575 mm	19 kg

EASY 4000



Easy 2000 and Easy 4000

ELEVATION FOR EASY 2000 AND 4000

600 or 1200 mm lift table.
Option to lower it even without a power supply.
Equipped with a flexible protection.
Controlled with 2 hydraulic cylinders.

ROTATION FOR EASY 2000 AND 4000

Rotation system for Skid version only.
Allows endless 360° rotation.

Features	*Reference*
Adds +175 mm height and +70 kg weight	*I60.30.122*

WIRED REMOTE CONTROL FOR EASY 4000

Can be used to control:
- the tilt of the shroud from -10° to +20°.
- the flow rate by adjusting the fan speed,
- the raising and lowering of the lift table depending on the chosen option,
- motor shutdown.

Features	*Reference*
13 m of cable - 5 kg	*I60.30.018*

09/2020 - ZCL.03.352.EN.1

FOAM ADAPTER

Transforms the fan into a high-expansion foam generator.
Expansion from 200 to 300 depending on the foam concentrate used - Works with a traditional inline proportioner at 200 l/min
Supplied with 35 m of Polyane duct.
Available connections: NH, Storz, etc.

Can be fitted to 16" fans	*Reference*	*Inlet*
Petrol-driven: MT215L / MT225 /MT236 / MT240 **Electric:** BATFAN / ES220 / ES230 / ESP230 / ESV230 / EDS230 / EVG230 **Hydraulic:** MH236	**I60.20.105**	1.5" BSP M
	I60.20.103	DSP40
	I60.20.106	BCN 40
	I60.20.124	BS336 (BIC)
Can be fitted to 22" fans		
Petrol-driven: MT245 / MT280 / MT296 **Electric:** ES245 / ESV245 / ESP280 / ESV280 / PARKFAN 80 **Hydraulic:** MH260	**I60.20.116**	1.5" BSP M
	I60.20.117	DSP40
	I60.20.121	BCN 40
	I60.20.123	BS336 (BIC)

MISTERS

To help with extinguishing: Flow rate 16 l/min at 7 bar: They offer the option of rapid and more effective cooling (available connections: NH, Storz, etc).

Compatible with the following fans:	*Reference*	*Inlet*
Petrol-driven: MT236 / MT240/MT245/MT280 **Electric:** ES230 / ESP230 / ESV230 / EDS230 / EVG230 / ES245 / ESV245 / ESP280 / ESV280	**I60.20.104**	1" BSP F
	I60.20.107	GFR20 F
	I60.20.114	BCN 20
Petrol-driven: MT296	**I60.20.111**	1" BSP F
	I60.20.118	GFR20 F
	I60.20.122	BCN 20

For firefighters rehabilitation:
Flow rate 0.6 l/min: helps with team recovery after difficult operations

Compatible with the following fans:	*Reference*	*Inlet*
Petrol-driven: MT236 / MT240 **Electric:** BATFAN, E-FAN, ES230 / ESP230 / ESV230	**I60.20.164**	3/4" BSP F

09/2020 - ZCL.03.352.EN.1

REDUCING CARBON MONOXIDE LEVELS

SOLUTIONS TO LIMIT CO:
Carbon monoxide is a dangerous enemy. Just by fitting a catalytic converter to the exhaust or repelling gases using exhaust extension significantly reduces CO levels in ventilated buildings

LEADER-CAT: CO REDUCING CATALYTIC CONVERTER

It reduces the majority of CO emissions from Honda GX160 and GX200 motors. The stainless steel LeaderCat is compatible with exhaust extensions.

Compatible with:	*Reference*	*Dimensions*	*Weight*
MT236 / MT240 / MT245	**I60.20.142**	H 85 x W 62 x D 70 mm	400gr

EXHAUST EXTENSION PIPE

Compliant with DIN 14-572, it is used to emit exhaust gas outside the room where the fan is located, or far from the fan suction zone, in order to limit the introduction of gases such as CO. It is fastened to the motor using an exhaust adapter.

Compatible with:	*Reference*	*Length*	*Diameter*
MT236 / MT240 / MT245 / MT280 / MT296 **LFV:** EASY 2000	**I60.20.012**	2.5 m	50 mm
LFV: EASY 4000	**I60.30.003**	2.5 m	80 mm

EXHAUST ADAPTER

It is fastened directly to the motor (as standard on the MT296).

Compatible with:	*Reference*	*Motor*
MT236 / MT240 / MT245	**I60.20.145**	Honda GX160 and GX200
MT280	**I60.20.125**	Honda GX390
EASY 2000	**I60.30.128**	Honda GX630
EASY 4000	**I60.30.017**	BMW motor

09/2020 - ZCL.03.352.EN.1

ADDITIONAL EQUIPMENT

SMOKE CURTAIN

Stops smoke without blocking the passage of rescue teams.
Reduces damage caused by smoke.
Makes it easier to pass pipes through the main entrance.
Covers up to a height of 185 cm.
Resists temperatures up to 600°C.
Silicone-coated glass fabric.

Reference	*For opening of*	*Dimensions (in bag)*	*Weight*
S02.10.001	70 to 115 cm	73 x 54 x 4 cm	4.8 kg
S02.10.003	90 to 150 cm	93 x 54 x 4 cm	5.8 kg

-10° STAND

Allows a negative tilt (-10°) to ventilate downwards or semi-basement levels.
As standard for MT236 and MT240.

Compatible with the following fans:	*Reference*	*Features*	*Weight*
Electric: ES230 / ESP230 / ESV230 / EDS 230 / EVG 230 **Hydraulic:** MH236	**I60.20.130**	Stainless steel pipe fastened to the frame	4.8 kg
Petrol-driven: MT245 / MT280 / MT296 **Electric:** ES245 / ESV245 / ESP280 / ESV280 / PARKFAN80 **Hydraulic:** MH260	**I60.20.108**	Stainless steel pipe	5.8 kg

20,000 V TELESCOPIC INSULATING PIKE-POLE

Ideal for creating openings.
Extendible, made of fibreglass. Can be locked at any height.
Locking system extension resistance: 100 kg.
Body compliant with IEC 61235 and IEC 60855.

Features	*Reference*
Folded length 2.20 m / Unfolded 3.75 m Ø 3.8 cm - 3 kg	**O20.00.116**

PROTECTIVE COVER FOR FANS:

Protects the fan when it is not in use.

Features	*Reference*
Petrol-driven: MT236 / MT240 **Electric:** ES230 /ESP230 / ESV230 **Hydraulic:** MH236	**I60.20.017**
Petrol-driven: MT245 / MT260 / MT280 / MT296 **Electric:** ESP280 / ESV280 **Hydraulic:** MH260	**I60.20.097**

HOUR METER

Shows the motor rpm and the hours-run time of petrol-driven fans.

Compatible with:	*Reference*
Petrol-driven: MT215L / MT236 / MT245 / MT280/ MT296 / MT240	**I60.20.135**

DOOR WEDGE

Can be placed in different locations by a door to keep it open.

Reference
O20.00.116

EXTENSION CABLE BAG

Extra-flexible cable (50 or 100 m) held in a bag, can unwind without getting caught and with bolt sockets.
Length and cross-section depending on the device's power.

Compatible with	*Reference*	*Features*	*Weight*
BATFAN	**I63.00.016**	l 100 m / 3 x 1.5 mm^2	12 kg
BATFAN - ES230 – ESV245	**I63.00.030**	l 50 m / 3 x 2.5 mm^2	9.5 kg

09/2020 - ZCL.03.352.EN.1
09/2020 - ZCL.03.352.EN.1

A WIDE RANGE OF HIGH-PERFORMANCE FANS

09/2020 - ZCL.03.352.EN.1

OVERVIEW OF THE LEADER FAN OFFER

	Size (Ø propeller mm)	Type of ventilation	Appli-cation*	NEO, Easy Pow'air	Motor specification	Power	Open air flow (m^3/h)	Flow rate AMCA 240-06 (m^3/h)	Weight (kg)	Page
BATTERY-POWERED FANS										
B215-Li *(35 min)*	420	Relay PPV	1	NEO	Lithium batt.	800 W (1 HP)	27,930	17,400	22	10
BatFan 2 *(45min)*	420	Relay PPV NPV	1	NEO	NiMH batt. and mains	600 W (0.8 HP)	28,050	17,700	26.5	10
BatFan 3 Li+ *(50 min)*	420	Relay PPV NPV	1	NEO	Lithium batt. and mains	600 W (0.8 HP)	29,270	18,600	24	11
E-Fan 18 *(70 min)*	460	Relay PPV	1	-	Lithium batt. and mains	650 W (0.85 HP)	35,050	18,500	23.6	11
ELECTRIC FANS										
Single speed										
SA315	300	extraction	1	-	220 V mains power supply	1.1 kW (1.5 HP)	9,000	-	29.8	14
ES220	420	PPV	1	NEO	220 V mains power supply	1.5 kW (2 HP)	33,250	21,360	25.9	14
ES230	420	PPV	1	NEO	220 V mains power supply	2.2 kW (3 HP)	48,000	27,140	39.3	15
EDS230 1.5HP	420	PPV	1	NEO	110 V mains power supply	1.1 kW (1.5 HP)	30,187	19,750	33.1	15
EDS230 2 HP	420	PPV	1	NEO	110 V mains power supply	1.5 kW (2 HP)	34,020	21,800	37	15
ES245	570	PPV	1 - 2	Easy Pow'air	220 V mains power supply	2.2 kW (3 HP)	49,050	28,450	50.5	15
Soft starter										
ESP230	420	PPV	-	NEO	220 V mains power supply	2.2 kW (3 HP)	48,000	27,140	40	15
ESP280	570	PPV HFF	1 - 2	Easy Pow'air	400 V three-phase mains supply	7.5 kW (10 HP)	115,700	-	75.5	28
Variable speed										
ESV230	420	PPV	1	NEO	220 V mains power supply	2.2 kW (3 HP)	48,000	27,140	41	15
EVG230	420	PPV	1	NEO	110 V mains power supply	1.1 kW (1.5 HP)	30,345	19,750	35.5	15
ESV245	570	PPV	1 - 2	Easy Pow'air	220 V mains power supply	2.2 kW (3 HP)	49,050	28,450	53	15
ESV280	570	PPV LFV	1 - 2	Easy Pow'air	400 V three-phase mains supply	7.5 kW (10 HP)	115,700	-	81.4	28
ParkFan 80	570	PPV LFV	1 - 2	Easy Pow'air	400 V three-phase mains supply	7.5 kW (10 HP)	115,700	-	83	28
ATEX certified										
SAX	300	extraction	1	-	Single or three-phase mains supply	1.1 kW (1.5 HP)	9,000	-	42	14
ESX	420	PPV	1	Easy Pow'air	400 V three-phase mains supply	1.85 kW (2.5 HP)	30,000	19,000	57	14
PETROL-DRIVEN FANS										
MT215L	420	PPV	1	NEO	Honda GXH50	2.1 HP	33,900	23,260	20.3	18
MT225	420	PPV	1	NEO	Honda GP160	4.8 HP	41,950	30,500	26.8	18
MT236	420	PPV	1	NEO	Honda GX160	4.8 HP	52,550	33,660	39.6	18
MT240	420	PPV	1	NEO	Honda GX200	5.5 HP	68,300	36,280	40.5	19
MT245	570	PPV	1 - 2	Easy Pow'air	Honda GX200	5.5 HP	52,320	-	52	19
MT280	570	PPV LFV	1 - 2	Easy Pow'air	Honda GX390	11.7 HP	117,100	-	69	19
MT296	570	PPV LFV	1 - 2	Easy Pow'air	B & S -Vanguard	16 HP	128,950	-	19	19
Easy 2000	885	PPV LFV	2 - 3	-	Honda GX630	20.8 HP	220,000	-	158	32
Easy 4000	1200	PPV LFV	3	-	BMW	115 HP	410,000	-	372	33
Tempest MVU	1520	PPV LFV	3	-	Caterpillar	124 HP	-	-	-	34
WATER-DRIVEN FANS										
MH236	420	PPV	1	NEO	Water driven	9 HP	51,100	33 00	32.6	22
MH260	570	PPV	1 - 2	Easy Pow'air	Water driven	9 HP	79,900	-	49	22

APPLICATION:

1 - Single door ventilation - detached house, small buildings, etc.
2 - Single/double door ventilation - tall buildings, medium-sized warehouse, etc.
3 - Warehouse door ventilation - underground car parks, industrial sites, tunnels, etc.

PPV = Positive-Pressure Ventilation
NPV = Negative-Pressure Ventilation
Relay = Relay fan for combined ventilation
LFV = Large Flow Ventilator

09/2020 - ZCL.03.352.EN.1

LEADER®

Fighting for performance

SINCE 1985, LEADER HAS DESIGNED AND MANUFACTURED HIGHER PERFORMING EQUIPMENT USED IN FIREFIGHTING, FIRE TRAINING AND SEARCH & RESCUE APPLICATIONS AND PROPOSES THEM TO FIRE AND RESCUE SERVICES, CIVIL DEFENSE, HAZARDOUS INDUSTRIES, NGOS, MARITIME SERVICES, ETC. ON THE 5 CONTINENTS.

A MAJOR AXIS: INNOVATION

To meet the advancing challenges of fire hazards and search & rescue missions, equipment must continually evolve and adapt to be more effective while ensuring maximum safety for workers.

To meet these challenges, LEADER is committed to constant innovation and new technologies and has its own in-house Research & Development team which works alongside end-users to design and develop the equipment that will be available tomorrow.

To test our equipment and assess its performance, we at LEADER continually invest in our own infrastructure:

- Water and High-Expansion Foam test room (400 sq m)
- Ventilation test room (400 sq m)
- Fire test area in fire container - Fire extinguishing equipment
- Casualty Search Equipment test area

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OUR COMMITMENT

When you choose LEADER equipment, you are assured of the quality and compliance of our products. These have been made in our workshops by our engineering and electronics specialists.

ISO 9001 certified since 1999, LEADER:

- Carries out checks at every stage of the manufacturing process as well as on the finished products before dispatch,
- Provides continuous training for all its staff.

GUARANTEED EQUIPMENT

Every LEADER product comes with a specific contractual guarantee.

CLOSE TO OUR CUSTOMERS

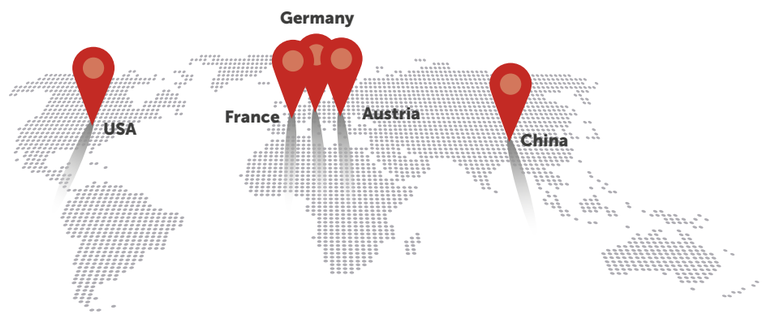
Through its sales force, its subsidiaries (in Germany, Austria, China and the USA) and an international distribution network, LEADER is present worldwide, keeping us as close as possible to its customers.

ADAPTED TRAINING

For optimal and long-term use of the equipment you purchase, LEADER can propose suitable training on the handling, on the use and maintenance of the equipment. Training can be done at our site or at your own site.

AN INTERNATIONAL PRESENCE

SUBSIDIARIES AND A STRONG RETAILER NETWORK



09/2020 - ZCL.03.352.EN.1

LEADER GROUP

MOBILE VENTILATION

LARGE-FLOW VENTILATION

THERMAL VISION

FIRE EXTINGUISHING

FIRE TRAINING DEVICES

SEARCH AND RESCUE EQUIPMENT

CHAINSAWS

FIRE FOAM CONCENTRATES

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