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FIRE RESCUE CATALOG VOL. 53i

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Core Technology
BrushlessPPV™
Electric Blowers/Exha
Gas PPV Blowers & Acc
RAMFAN [©] Water
Large Structure Ventil
Confined Space Rescue
Smoke Ejectors
Certifications
Services

Fire Rescue Catalog Gas | Electric | Battery | Water

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« Core Technology

K BrushlessPPV[™] Motor

RAMFAN's BrushlessPPV™ lineup is the culmination of nearly 10 years of R&D, with the focused purpose of bringing to market a range of highefficiency DC motors to deliver more powerful, lighter weight PPV fans that can replace gas-driven legacy models.

Our Brushless DC motors use a TEAO design to protect from water ingress, which was at the top of our design criteria list from early stages. Brushless DC, also known as electronically commutated (EC), motors are very high efficiency—at over 90%--which allows us to maximize output power on our fans that are used on limited supply battery power or 115V AC circuits with 15A limits. The electronic controllability of our Brushless motors also gives our engineering team a long runway for developing sensor-based control inputs in the future as technology continues to evolve.



The lightweight and efficient design of Brushless DC motors were critical to the development of battery-electric PPV fans. Introducing the BrushlessPPV[™] family of high efficiency motors.

- 0.7 kW hp BrushlessPPV[™] motor:
 - electric PPV fan in history.
 - ° The 0.7 kW BrushlessPPV™ motor is rated at 14A, delivering >28,866 m³/hr from the RAMFAN EX50Li.
- 1.4 kW BrushlessPPV[™] motor:

° To push the boundaries of power output, we needed a higher voltage motor platform to reduce the maximum current demanded from the battery packs. ^o The 1.4 kW BrushlessPPV^M motor is rated at 25A, delivering >20,388 m³/hr from the EX150Li.

BrushlessPPV[™] models

	MODEL	MOTOR	ТҮРЕ	PERFORMANCE	RUNTIME	WEIGHT
EX50Li	EL5500-2PK	0.7kW, 48VDC BrushlessPPV™	Battery-Electric PPV	17,194 m³/h	45 minutes	24 kg
EX150Li	EL6525-2PK	1.4kW, 56VDC BrushlessPPV™	Battery-Electric PPV	21,029 m³/h	45 minutes	34 kg

CORE TECHNOLOGIES

Purpose Built - Power to Serve

° RAMFAN developed the 0.7 kW BrushlessPPV™ motor in 2016 for the EX50Li, which has since become the best-selling battery-



Lithium battery packs have become the portable energy storage of choice for fire services around the world. So much so that the fleet level investment in battery packs exceed \$100,000 in some larger departments. As fire departments move into their second generation of battery-powered tools, management of battery fleets is becoming more of a concern and the idea that batteries are consumable items is quickly being replaced with the desire to understand them better, use them smarter, and—when the time comes—dispose of them safely.

PRO//connect is a wireless connectivity technology, exclusive to RAMFAN®, that gives firefighters the ability to track the condition of their battery packs over time, measure internal conditions, track cycle counts, upgrade BMS firmware, troubleshoot and even conduct basic maintenance of their battery packs.

Utilizing the latest near-field communication (NFC) and Bluetooth low energy (BLE) technology, PRO//connect adds wireless connectivity to simplify lifecycle management of next-generation firefighting tools. All RAMFAN® battery packs will be equipped, as standard spec, with PRO//connect hardware integrated into the packs and will interface with the PRO//connect mobile application—available in both iOS and Android versions.

MAX mode -



MODEL	CONTROLLER	ТҮРЕ	MAX MODE
EX50Li	Intellisense E3	BrushlessPPV™	\checkmark
EX150Li	Intellisense E3	BrushlessPPV™	\checkmark



<< VIP_m

Variable input power management—VIP_m, for short—maximizes performance of the fan based on the available power to the fan. Battery power is limited—powering a high-powered fan from a single battery doubles the discharge current required from that pack, increase cell temperatures, and approach or surpass maximum current limits of cells. Spreading the load across two parallel packs allows fan performance to be increased. 115VAC circuits typically top out at 15A, or 1725W, while 230VAC allows more than double the power. Now one fan can automatically adjust its performance depending on the power available simultaneously maximizing performance safety, and durability.

PRO//connect compatible models:

MODEL	NOMINAL CAPACITY	NOMINAL ENERGY	CYCLE LIFE DOD 80%	COMPATIBLE FAN
R2-40V	7 Ah	252 Wh	>500 cycles	RAMFAN EX50Li
M1-52V	8 Ah	375 Wh	>500 cycles	RAMFAN EX150Li

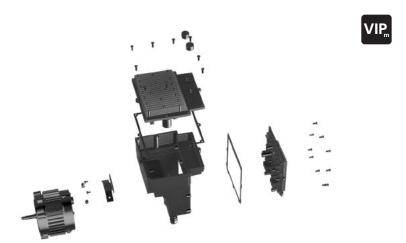
MODEL	CONTROLLER	ТҮРЕ	VIP _m
EX50Li	Intellisense E3	BrushlessPPV™	\checkmark
EX150Li	Intellisense E3	BrushlessPPV™	\checkmark



MAX mode 1, 2, GO!

мах

Simple, intuitive operation across all BrushlessPPV[™] fan models. MAX mode is a shortcut to maximum power with a single press of the speed control knob.



≪ BrushlessPPV[™]

0.7kW 17,194 m³/hr

NEW - Gen2 with Intellisense E3 controller







EX150Li **All-Terrain**

RAMFAN, the only power system built just for firefighting. Delivering the most airflow at the fireground.

PowerStream®	Model	EX50Li 460 mm		
\frown	Order #EL5500-2PK	Includes RAMFAN EX50Li 40V 6Ah battery packs (2), power cord (1), carrying strap (1), wheel kit assembled (1)		
	Motor	0.7 kW		
	Runtime at full speed	5 minutes (two battery packs) Inlimited (AC)		
	Battery Compatability	RAMFAN 40V (2 simultaneously)		
	IP Rating	IP66		
	Weight	24 kg		
	Dimensions (h x w x d)	50 x 530 x 305 mm		
em e	Noise	87 dB		
0	Approvals	UN 38.3 IEC 62133-2		
	Nominal Diameter	460 mm		
	Controller Platform	Intellisense E3		
	On-tool Charging	1.5A per battery, simultaneous charge		
	AMCA 240-15 Verified Airflow	N		
	Battery Power	17,194 m³/hr		

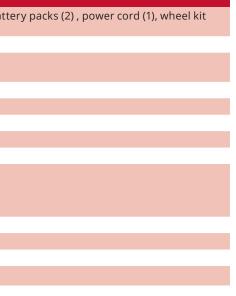
Model	EX150Li 460 mm
Order #EL6525 2PK	Includes RAMFAN EX150Li 52V 8Ah bat assembled (1)
Motor	1.4 kW
Runtime at full speed	45 minutes (two battery packs) Unlimited (AC)
Battery Compatability	RAMFAN 52V (2 simultaneously)
IP Rating	IP66
Weight	35 kg
Dimensions (h x w x d)	584 x 533 x 533 mm
Noise	90.2 dB
Approvals	UN 38.3 IEC 62133-2
Nominal Diameter	460 mm
Controller Platform	Intellisense E3
On-tool Charging	1.5A per battery, simultaneous charge
AMCA 240-15 Verified Airfle	w
Battery Power	21,029 m³/hr

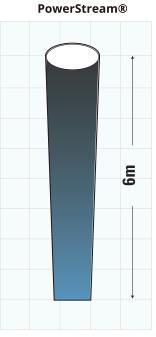
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1.4kW 21,029 m³/hr

The most powerful battery-powered PPV fan.









« Electric | Blowers/Exhausters & Accessories



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EV400/EV420

EV SERIES

	EV400 (400 mm)	EV420 (400 mm)
Order No#	EB80500	EB805010, EB81505 (CE)
Motor	1.1 kW	1.1 kW
Power	115V, 1ø, 15A or 20A, 60Hz	EB80510:230VAC, 1ø, 10A, 60Hz EB81505:230VAC, 1ø, 10A, 50Hz
PPV Airflow	21,940 m³/hr	30,039 m³/hr
Weight	31 kg	31 kg
Amps	15A / 20A	
Noise	88 db @ 1 m	



EX400/EX420

EX SERIES

The latest variable speed electric PPV fans with PowerStream®air straighteners for greater flow velocities and more flexible setback. Dual Current available on EX400 & EX500 models, with the flip of a switch, power fan from GFCI 20A fire truck circuit to GFCI 15A house circuit. EX500 and EX520 have optional ingratiated misting system.

	EX400 (400 mm)	EX420 (400 mm)	EX500 (460 mm)	EX520 (460 mm)
Order No#	EB80600	EB88245	EK86500	EK86520
Motor	1.1 kW			
Power	115V, 1ø, 15A or 20A, 60Hz	230VAC, 1ø, 10A, 50/60Hz	115VAC, 1ø, 15A or 20A, 60Hz	230VAC, 1ø, 10A, 50/60Hz
PPV Airflow	19,365 m³/hr	18,690 m³/hr	19,618 m³/hr	22,702 m³/hr
Weight	31 kg	31 kg	32 kg	32 kg
Amps	15A/20A	15A/20A	15A/20A	10A
Noise	88 db @ 1 m	88 db @ 1 m	95 db @ 1 m / 91 db @ 3 m	95 db @ 1 m / 91 db @ 30 m





Intellisense¹⁸

Powerful Single-Speed electric PPV fan with a powder coated steel frame, all-terrain semi-pneumatic tires and full width retractable handle.

Variable Speed







XP SERIES

ATEX certified motor to safely purge hazardous gases. Equipped with PowerStream® air straighteners for greater setback distances.

	XP400 (400 mm)	XP420 (400 mm)	XP500 (460 mm)	XP520 (460 mm)
Order No#	EB80500X	EB80500X-230	EB90600X	EB90600X-230
Motor	1.1 kW			
Power	115V, 1ø, 15A, 50/60Hz	230V, 1ø, 8A 50/60Hz	115V, 1ø, 15A, 50/60Hz	115V, 1ø, 15A, 50/60Hz
PPV Airflow	19,365 m ³ /hr	18,690 m ³ /hr	19,618 m ³ /hr	22,702 m ³ /hr
Weight	31 kg	31 kg	33 kg	33 kg
Amps	80A/15A			
Noise	97 dB @ 1 m / 95 db @ 3 m			









Order No#

GX200





GF SERIES

Tried and True the GF series have been around since RAMFAN got its start. The economical gas fans are well known for their durability.

	GF165 (400 mm)	GF210 (540 mm)
Order No#	GA5006	GE5001
Motor	Honda GX160 3.5 kW	Honda GX160 3.5 kW
Run Time	1 hr 6 min	1 hr 26 min
PPV Airflow Single Door Double Door	21,940 m³/hr	30,039 m ³ /hr
Weight	38 kg	40 kg
Noise	96.2 dB @ 1 m	

GF165

Standard Duct with Storage
Bags
400 mm x 4.6 m
Order# FDT-1615BR

400 mm x 7.6 m Order# FDT-1625BR For use with all 400 mm Fans

Shoulder Strap

Order# EL6013

For EX50Li Fan

460 mm x 5 m Order# FDT-185MSR For use with all 460 mm Fans

Storage Bag Only Storage Bag for 400 mm Order# BG16

HI-Expansion Foam Adapter Order# HI-5000

XP500/XP520

{ Accessories



Order# R2C-5500 Order# R2C-5500D Order # M16515DC Order # M16515

Charger

External Battery













Integrated Misting System



Battery Packs Order # M1-52V Order# R2-360-AH-U

Recommend purchasing 2





1 l/min @ 7 bar

Order# GH8112

(EX500/EX520, XP500/XP5200) Order# EB8111



ramfan.com

Cooling Collars/Misters 400 mm Blowers Order# ED-MIST16 For use with all 400 mm fans



Door Bar Hanger and Kit Order# EL7095

ULTRA LIGHTWEIGHT SERIES

RAMFAN offers the lightest PPV fans on the market, providing the ultimate portability. Starting at only 16kg, the GX200L can easily be carried with one hand. Light enough to carry up stairwells and deploy in large commercial buildings or powerful enough for PPV in residential houses. Equipped with PowerStream[®]air straighteners.

	GX200L (400 mm)	GX200 (400 mm)
÷	GG5500	GG5010
	Honda GXH50 1.6 kW	Honda GXH50 1.6 kW
	1 hr 40 min	1 hr 40 min
N	21,794 m³/hr	
	16 kg	22 kg
	91 db @ 1 m / 86 db @ 3 m	91 db @ 1 m / 86 db @ 3 m



GF210

11





GX SERIES

GX310/GX350



High performance PPV fans for structural firefighting. The GX Series blowers are equipped with PowerStream® air straighteners that tighten the airflow to keep it focused over longer distances without losing significant power; permitting unrestricted setback from the access point, reduced interference with communication and flexible positioning. Optional

integrated misters.			
	GX310 (460 mm)	GX350 (460 mm)	GX400 (540 mm)
Order No#	GH5010	GH5020	GE5022
Motor	Honda GX160 3.5 kW	Honda GX200 4.1 kW	Honda GX200 4.1 kW
Run Time	2 hr 6 min	1 hr 50 min	1 hr 50 min
PPV Airflow Single Door Double Door	28,846 m³/hr	31,799 m³/hr	28,555 m³/hr 38,250 m³/hr
Weight	37 kg	38 kg	40 kg
Noise	100 dB @ 1 m / 95 db @ 3 m	101 db @ 1 m / 97 db @ 3 m	99 dB @ 1 m / 95 db @ 3 m

Safer...

RAMFAN's water powered design eliminates the threat of electrical shock and minimizes dangerous gas environments.

RAMFAN's patented Axial Flow Turbine Technology leads the way in converting water power into high velocity airflow more efficiently than any water fan on the market today.

More Efficient...

	WF390L (400 mm)
Order No#	WB5001LB, WB5001LNH, WB5001DIN (CCCF)
PPV Airflow Single Door	18,506 m³/hr @ 10 bar
Pressure Nominal: Max:	10 bar 117 bar
Weight	27 kg

	WX500 (610
Order No#	WX5001
PPV Airflow Single Door	27,464 m³/h
Pressure Nominal: Max:	7 bar 10 bar
Weight	27 kg

	WF540 (540 mm)
Order No#	WD5010
PPV Airflow Single Door	38,154 m³/hr @ 10 bar
Pressure Nominal: Max:	10 bar 17 bar
Weight	34 kg

{ Accessories **—**



Integrated Misting System 7 l/min @ 7 bar Order# WD8111 (WF540) Order# WB8111 (WF390L)

Many water connection fittings available. Call for details.

{ Accessories **–**



BIGbore[™]Exhaust Diverter (Muffler Fitting) Order# GF7110-CZ (For Honda GC160 Motor) Order# GF7110-KZ (For Honda GXH50 Motor) Order# GF7110-LZ (For Honda GX270 Motor) Order# GF7120-BZ (For Honda GX160 Motor) Order# GF7120-GZ (For Honda GX200 Motor) Order# GF7120-DZ (For Honda GX120 Motor)



Hour Meter

Keep track regularly

Order# GX1515

7 l/min @ 7 bar

400 mm x 4.6 m Order# FDT-1615BR

400 mm x 7.6 m Order# FDT-1625BR For use with all 400 mm

460 mm x 5 m Order# FDT-185MSR For use with all 460 mm

Bags

Fans

Fans

schedule maintenance

For use with Honda Motors

Integrated Misting System

Order# GE8111 (GX400)

Standard Duct with Storage

Order# GH8112 (For GX310, 350)

Exhaust Diverter Hose 50 mm x 3.6 m Order# GF7115 For use with BIGbore[™]Exhaust Diverter





40 cm Multi-Purpose Accessory Kit Order# BG16LFA For use with all 400 mm Fans





Cooling Collars/Misters 40 cm Blowers Order# ED-MIST16 For use with all 400 mm Fans For EX50Li Fan

ramfan.com



Better

RAMFAN's axial turbine is bult of corrosion proof composite materials for long life, simple maintenance and easy replacement of parts.



'hr @ 10 bar





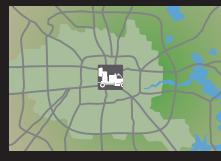
Online retailing today is filling warehouses everywhere with products. Adding these to the current inventory of big box stores, airports, high-rises and hotels, the need for tools to fight large structure fires is clear.

These large structures require massive PPV ventilation because you can't support the fire fighting operations in a large structure with small structure equipment.

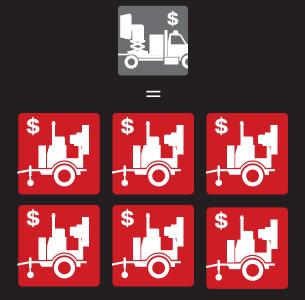
Until now, Large Structure Ventilators have been huge monsters that are difficult to move and meneuverm which can limit access to the structure on fire. They require a large storage space and have price tags that are budget-busters. This limits most cities to a single unit for the entire area.

RAMFAN LSV's are the solution to these problems. The largest LSV is a 710 mm trailer mounted fan that is small enough for one person to maneuver but powerful enough to quickly pressurize a high-rise stairwell and is offered at a price point so low you can buy 6 LSV's for every one truck mounted fan.

If your city owns one large truck mounted fan stored in a central location and you respond to a warehouse fire on the outskirts of the city the response time may be too long to get the equipment to the scene. But if you had a distributed network of large fans it would cut the response time in less than half.







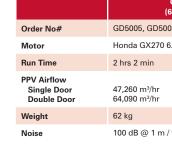
RAMFAN®GAS KLSV Blowers

LSV = Large Structure Ventilators = Big fans for big buildings

GX SERIES

Large volumes of high-velocity airflow is required for ventilating large and complex structures. Quickly removing smoke, gases, engine exhaust or particulates from a large confined area increases safety of both personnel and property, reducing the chances of toxic inhalation and general atmospheric danger.





GX600

	VX700 (Skid Mounted) (700 mm)	VX700 (US Trailer Mounted) (700 mm)	VX700 (European Trailer Mounted) (700 mm)
Order No#	GK5000	GK5005	GK5010
Motor	Honda GX630 17 kW	Honda GX630 17 kW	Honda GX630 17 kW
Run Time	2 hrs 30 min	2 hrs 30 min	2 hrs 30 min
PPV Airflow Double Door Warehouse	79,390 m³/hr 105,400 m³/hr	79,390 m³/hr 105,400 m³/hr	79,390 m³/hr 105,400 m³/hr
Weight	100 kg	417 kg	417 kg
Noise	105 dB @ 1 m / 95 db @ 3 m		









European Trailer Mounte

Skid Mounted Continous Track Mounte

Accessories





BIGbore[™] Exhaust Diverter (Muffler Fitting) Order# GF7110-LZ (GX500 and VX700)



Exhaust Diverter Hose 50 mm x 3.6 m Order# GF7115



High performance PPV fans for structural firefighting. The GX Series blowers are equipped with PowerStream[®]air straighteners that tighten the airflow to keep it focused over longer distances without losing significant power; permitting unrestricted setback from the access point, reduced interference with communication and flexible positioning. Optional integrated misters.

GX500 600 mm)	GX600 (700 mm)	
03 (CCCF Certified)	GJ5005	
.3 kW	Vangaurd 13.4kW V-Twin OHV mod .3	
	2 hrs 40 min	
	55,250 m³/hr 83,300 m³/hr	
	80 kg	
95 db @ 3 m	105 db @ 1 m / 103 db @ 3 m	





417 ka



Hour Meter Keep track regularly schedule maintenance Order# GX1515 (For use with Honda Motors)



Integrated Misting System Order# GD8111 (GX500 only) Order# GD8111M (GX500 Option BSP) Order# GJ8111 (GX600 only)



LSV Blowers



RAMFAN[®]ELECTRIC Confined Space Rescue

Confined Space Ventilators

Confined space rescues require additional considerations to perform a rescue. In additional to general risks there is a danger of asphyxiation (lack of oxygen), poisoning, or fire and explosion. A fan can be used during confined space rescue to combat the additional risks. Ventilation can be performed by supplying or exhausting air or both. The weight and characteristics of the atmospheric hazard as well as the environmental conditions of the general area will dictate the type(s) of ventilation applied. Using a blower that can be used in positive or negative pressure ventilation is ideal. The safest option is to use the UB20xx explosion proof ventilator. It prevents a source of ignition in a flammable environment. In addition to the fan, consider an assortment of duct and Manhole Entry Device (M.E.D.). The M.E.D. will permit access through the manhole without interrupting airflow. Spaces that are deep may require extensive duct work. Multiple fans used in different configurations may be required. The more options you have, the better equipped you will be to address the problem.



	UB20 (115V)	UB20 (230V)
Order No#	EF7002	EF8002
Motor	0.25 kW	0.25 kW
Power	115V, 1ø, 50/60 Hz	230V, 1ø, 50/60Hz
Free Air Through Duct	1,666 m³/hr	1,392 m³/hr
4.6 m w/one 90° turn: 4.6 m w/two 90° turns: 7.6 m w/one 90° turn: 7.6 m w/two 90° turns:	1,341 m³/hr 1,132 m³/hr 1,227 m³/hr 1,044 m³/hr	1,120 m³/hr 948 m³/hr 1,025 m³/hr 867 m³/hr
Weight	12 kg	12 kg
Amps	7A / 2A	7A / 1.2A
Noise	74 db	

{ Accessories





Standard Duct Order# FDT-21624026BR 200 mm x 4.6 m

21624026BR C 5 m C S S

Order# FDT-21624076BR 200 mm x 7.6 m Quick-Couple™ Canister Order# ED7004CS Quick-Couple Canister with 4.6 m Standard Duct

Order# ED7004CL Quick-Couple Canister with 7.6 m Standard Duct

Order# ED7004CL/DS - Quick-Couple™ Canister w/ (2pcs) 1.5 m and 4.6 m duct

	UB20 (115V)	UB20 (230V)	UB20 (12VDC)
er No#	ED7002	ED8002	ED9002
or	0.25 kW	0.25 kW	0.19 kW
ver	115V, 1ø, 50/60 Hz	230V, 1ø, 50/60Hz	12 VDC
Air Dugh Duct	1,666 m³/hr	1,392 m³/hr	1,465 m³/hr
m w/one 90° turn: m w/two 90° turns: m w/one 90° turn: n w/two 90° turns:	1,341 m³/hr 1,132 m³/hr 1,227 m³/hr 1,044 m³/hr	1,120 m³/hr 948 m³/hr 1,025 m³/hr 867 m³/hr	1,181 m³/hr 996 m³/hr
ght	8 kg	8 kg	8 kg
DS	9.5A / 2.5A	4.8A / 1.3A	11.5A
se .	74 db		





Anti-static Duct Order# FDT-0815CBB 200 mm x 4.6 m

Order# FDT-0825CBB 200 mm x 7.6 m



Quick-Couple™ Canister Order# ED7004CS Quick-Couple Canister with 4.6 m Standard Duct

Order# ED7004CL Quick-Couple Canister with 7.6 m Standard Duct

Order# ED7004CL/DS - Quick-Couple™ Canister w/ (2pcs) 1.5 m and 4.6 m duct



High Volume Confine Space Ventilators

Proper ventilation in confined spaces is essential for a safe work environment. Atmospheric hazards cause approximately 90% of worker injuries and fatalities in confined spaces. Ventilation of a confined space should be done to stabilize the environment. This could be to replace the bad air, make the air breathable, get rid of toxic vapors, make the area warmer or cooler, remove dust and so on. The larger the confined space the more powerful ventilator you will need. The RAMFAN UB30 is a high power ventilation unit moving up to 4,114 m³/hr of air for use in confined spaces. Constructed from ultra durable polymer to stand up to rugged work environments. The fan will provide reliable exhaustion or ventilation on the job site.



	UB30 (115V)	UB30 (230V)
Order No#	EJ4002	EJ8002
Motor	0.75 kW	0.75 kW
Power	115V, 1ø, 50/60 Hz	230V, 1ø, 50/60Hz
Free Air Through Duct	4,114 m³/hr	3,429 m³/hr
4.6 m w/no turns: 4.6 m w/one 90° turn: 4.6 m w/two 90° turns: 7.6 m w/one 90° turn: 7.6 m w/two 90° turns:	3,485 m³/hr 3,485 m³/hr 3,188 m³/hr 3,103 m³/hr 2,9745 m³/hr	2,805 m³/hr 2,550 m³/hr 2,340 m³/hr 2,380 m³/hr 2,250 m³/hr
Weight	17 kg	17 kg
Amps	33A / 8A	17A / 5A
Noise	95 db @ 1 m	





*Certified Motor Only

EFC50x/EFC120x/EFC150x

SAFER

Heat-resistant Lexan® housing, and use an explosion-proof motor				
	EFC50x (400 mm)	EFC120x (400 mm)	EFC150x (400 mm)	
Order No#	EA7000X	EA7300X	EG8000X,EG8000X-230	
Motor	0.37 kW	0.9 kW	1.1 kW	
Electric	115/230V, 1ø, 50/60 Hz	230V, 1ø, 50Hz	115/230V, 1ø, 50/60 Hz	
Free Air Through Duct	5,440 m³/hr	6,375 m³/hr	7.580 m³/hr	
4.6 m w/one 90° turn:	3,289 m³/hr	4,590 m³/hr	5,404 m³/hr	
Weight	22 kg	25 kg	28 kg	
Amps	25A /6A, 10A / 3A	27A / 5A	80A / 15A, 40A / 8A	
Noise	90.2 db @ 1 m	86.1 db @ 1 m	90.2 db @ 1 m	

	EFI75xx (115V)	EFi75xx (230V)		
Order No#	EB7201XX	EB7201XX-230		
Motor	0.56 kW			
Power	115V, 1ø, 50/60 Hz	230V, 1ø, 50/60Hz		
Free Air Through Duct	4,250 m³/hr		CVEECT	
4.6 m w/one 90° turn: 4.6 m w/two 90° turns:	2,829 m³/hr 2,599 m³/hr		SAFEST	
Weight	20 kg	20 kg		194
Amps	37A / 8.8A	27A / 4.4A		
Noise	89 db			

{ Accessories



Standard Duct 300 mm x 5 m Order# FDT-30534005BB

300 mm x 10 m Order# FDT-30534010BB



Anti-static Duct 300 mm x 4.6 m Order# FDT-1215CBB

300 mm x 7.6 m Order# FDT-1225CBB





EFi50xx/EFi120xx/EFi150xx



amco Safety's specialty. Certified explosion-proof portable ventilators.				
EFi50xx* (400 mm)	EFi120xx (400 mm)	EFi150xx (400 mm)		
EA8000XX, EA8000XX-230	EA8120XX, EA8120XX-110	EG8200XX, EG8200XX-230		
0.37 kW	0.9 kW	1.1 kW		
115/230V, 1ø, 50/60 Hz	110/240V, 1ø, 50Hz	115/230V, 1ø, 50/60 Hz		
5,440 m³/hr	6,375 m³/hr	7.580 m³/hr		
3,289 m³/hr	4,590 m³/hr	5,404 m³/hr		
22 kg	25 kg	28 kg		
25A /6A, 13A / 3A	54A / 10A, 27A / 5A	80A / 15A, 40A / 8A		
90.2 db @ 1 m	86.1 db @ 1 m	90.2 db @ 1 m		





EFC50/EFC120/EFC150

SAFE

Heat-resistant Lexan® housing			
EFC50 (400 mm)	EFC120 (400 mm)	EFC150 (400 mm)	
EA7000, EA7000-230	EA7300	EG8000,EG8000-230	
0.37 kW	0.9 kW	1.1 kW	
115/230V, 1ø, 50/60 Hz	230V, 1ø, 50Hz	115/230V, 1ø, 50/60 Hz	
5,440 m³/hr	6,375 m³/hr	7,580 m³/hr	
3,289 m³/hr	4,590 m³/hr	5,404 m³/hr	
22 kg	25 kg	28 kg	
25A /6A, 10A / 3A	27A / 5A	80A / 15A, 40A / 8A	
90.2 db @ 1 m	86.1 db @ 1 m	90.2 db @ 1 m	



Euramco Safety's Certified Product Mark is our visual statement to you that **RAMFAN Portable Ventilation Fans** are Quality Manufactured and have been tested by Recognized Third Party Testing Facilities throughout the world to certify all product performance information quoted in our catalog, sales materials and on our website is accurate. In addition, the Certified Product Mark assures you that all required operating certifications and designations required by the applicable agencies are in order and available for your review.

Euramco Safety is an ISO 9001:2008 Company: ISO 9000 is the internationally recognized Quality Management Standard used in more than 760,000 companies in 154 countries to maintain an internationally accepted standardized quality management throughout the world. Our commitment to this standard means our products are built in accordance with documented procedures and control processes to ensure ongoing uniformity and reliability.





MRFR

The Air Movement and Control Association | The Air Movement and Control Association is the worldwide recognized authority for the development of standards and measurement of air movement. Euramco Safety is a member of AMCA and uses their PPV test. ANSI/ AMCA Standard 240 - Laboratory Methods of Testing Positive Pressure Ventilators for Aerodynamic Performance Rating establishes a uniform method of laboratory testing of positive pressure ventilators (PPVs) in order to determine the airflow rate.



ATEX Hazardous Conditions Directive 94/9/EC | This directive applies to all electrical equipment for use in potentially explosive atmospheres; defined as gas, vapor or mist and are capable of causing an explosion through their own potential sources of ignition. RAMFAN Hazardous Location Fans are Whole Unit ATEX Certified for use in dangerous work environments as defined above anywhere in the world.

equipment and services for use in explosive atmospheres, while maintaining the required level of safety. The IECEx has put in place a number of Conformity Assessment Schemes which provide assurance that equipment and systems are manufactured and operated

IECEx | The objective of the IECEx System is to facilitate international trade for

according to the highest International Standards of safety.

conformity with all relevant EU Directives.

implement a product conformity assessment system.





certification organization that evaluates products for compliance to specific standards and permits those products that comply to carry the UL Mark. The UL Mark is recognized worldwide as a symbol of product safety.

Underwriters Laboratories, Inc. | UL is an independent, third party product safety

INMETRO – National Institute of Metrology, Normalization and Industrial Quality in Brazil | Products obtain the INMETRO Certification Mark when they meet National Standards or specific technical requirements as detailed in the Brazilian Conformity Evaluation System (SBAC).

Uniform Conformity Procedures Set Forth By the European Union | The CE Mark is

a mandatory marking for certain product groups and certifies that a product meets EU

China Compulsory Certification of Fire Products | China Compulsory Certification of

fire protection products, also known as "3C certification", it is the Chinese government to

protect consumer safety and national security, strengthen product quality management to

consumer safety, health or environmental requirements. In order to use the CE mark on a product the manufacturer must draw up a Declaration of Conformity in which they attest







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CSA - Canadian Standard Association | CSA International is a recognized provider of product testing and certification services throughout the world. The CSA Mark signifies the product has been tested and meets applicable U.S. and Canadian Standards, including those from CSA and UL for safety and performance.

CERTIFICATIONS & STANDARDS

		CER	
LOGO			
Ex		ATEX - Eu Internatio	
CE		European	
C T L US	8	Recognize	
LR66789		CSA Mark	
C		CSA Certi	
CTURING COLUMN		CSA Certi petroleum	
CEPTIFIED	CSA Cert liquid pet		
IEC.		Internatio electrical	
Segurança		INMETRO	
)	North Am	
		Registered	
IP RATING	FIDET		
	FIRST DIGIT Limited protection against dus		
ingress. (no harm		ful deposit)	
IP65 Totally protected a ingress.		against dust	
ORGANIZATION		SI	
ANSI ANSI Am		nerican	
NSN	NSN NO.		
International Marine Purchasing Association	IMPA C	ODES	

PLEASE NOTE: You can find vertification markings from the below organizations throughout the catalog.

TIFICATIONS

REPRESENTS

uropean Union Hazardous Location Certification by UL onal Demko A/S notified by number 0539

n Union EMC and Safety

ed Component Mark for Canada and the United States

k with other Standards as indicated by the mark below logo.

ified for both Canadian and United States markets

tified to the applicable US Standards for gas and other liquid m products

rtified to the applicable Canadian Standards for gas and other troleum products

onal Electric Code - worldwide certification standards for equipment used in hazardous locations.

O Mark -Brazilian Hazardous Location Conformity

nerican Hazardous Location Certification

ed by UL to a specified ISO or QS System.

RATINGS SECOND DIGIT Protected against low pressure water jets from any direction. Limited ingress permitted. Protected against low pressure water jets from any direction. Limited ingress permitted. CTANDARDS The American National Standards Institute (ANSI) empowers its members and constituents to strengthen the U.S. marketplace

 position in the global economy.

 13-digit numeric code, identifying all the 'standardized material items of supply' as they have been recognized by all NATO countries including United States Department of Defense.

 Is used in the marine industry, this aims to bridge the language

barrier and offer worldwide shipping companies an easy way to order goods.

«SERVICES



Technical Assistance

Our Customer Service Support and Engineers are available to assist you with any set-up, operation or application inquiries during our hours of operation. Operation manuals are also included in product packages. For assistance please contact Customer Service or email theteam@euramco.com

Placing Your Order

Contact our Customer Service Department if you need help with placing your order.

For prompt, accurate ordering please be able to provide the following:

A Purchase Order or letter with the company name or logo, address & approval signature. Purchase Orders must include a P.O. #, Bill To Address, ship To Address, Model #, Order #, quantity of each products ordered and shipping method.

Purchase Orders can be received by **Fax:** +1 (619) 670-7345 or **Email:** theteam@euramco.com

A confirmation will follow all orders placed.

Hours of Operation M-F 8:30 a.m. - 5:00 p.m. PST

Toll Free1(800) 472-6326Phone+1(619) 670-9590Fax+1(619) 670-7345

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Hours of Operation M-F 8:30 a.m. - 5:00 p.m.

Phone +86-574-87979390 Fax+ 86-574-87979391

EUROPE – LUXEMBOURG Hours of Operation

M-F 9:00 a.m. - 5:00 p.m.

Phone +3 Fax+ 3

+352-26008055 352-26008056

SINGAPORE

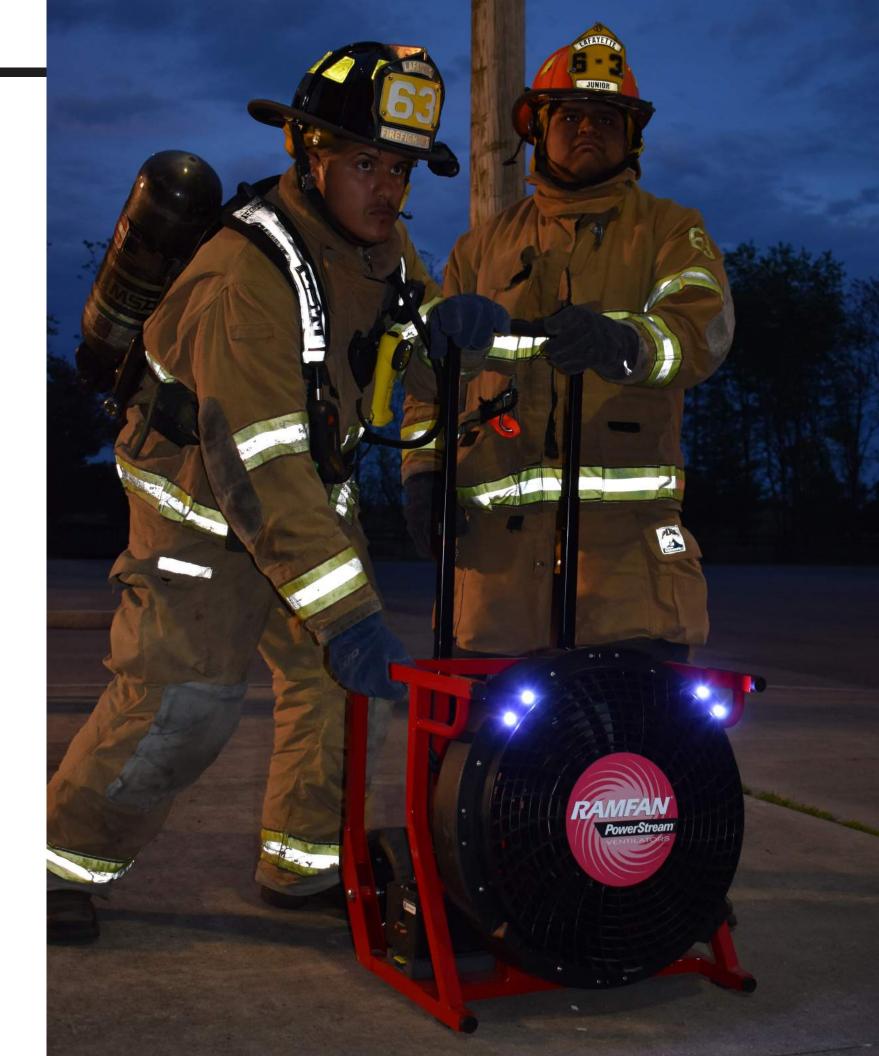
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