

# RAMFAN UB20xx Hazardous Location Blower/Exhauster

## 8"/20 cm Blower/Exhauster

Hazardous location blower/exhauster, with whole-unit certification, is intended for use in Explosive Atmospheres in accordance with the limitations of the rating. The whole-unit certification not only provides protection and peace of mind to the user; it also prevents suppliers from being linked to the chain of liability. That is why it is crucial for users and suppliers to demand whole-unit certification. Having only a certified motor is a half-measure towards safety that puts workers and suppliers at risk.



II 2 G Ex de IIB T6 Gb

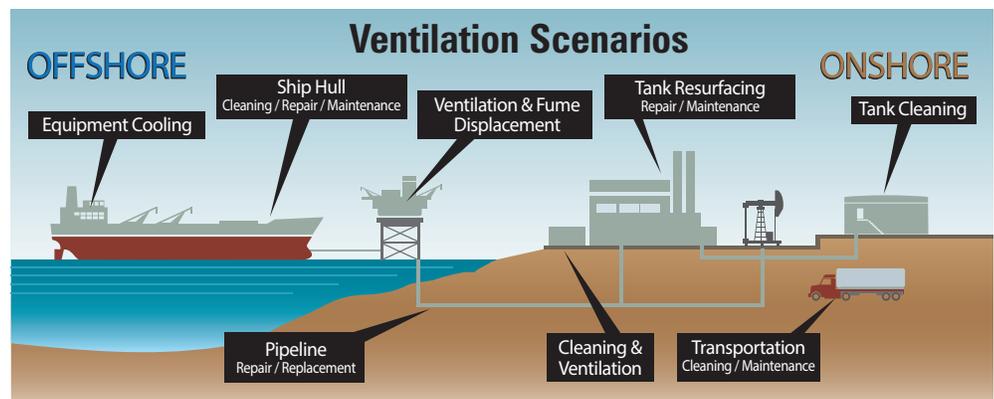


## The NO COMPROMISE Leader

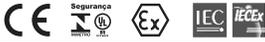
RAMFAN® is the brand leader in quality portable ventilation as a result of Euramco Safety's "No Compromise" approach to user safety, product design and performance. RAMFAN fans are built using premium components and tested to meet high standards in performance and safety.

## NO COMPROMISE Design

- **WHOLE-UNIT CERTIFICATION:** The motor, power cable, cable glands, junction box, switch and housing have been certified by ATEX to not cause a spark in accordance to the limitations of the rating
- Safely blow or exhaust hazardous gases with minimal risk of the fan causing a spark. It is the user's responsibility to determine the suitability of equipment for the intended purpose
- IP55 rain tested switch enclosure ensures protection against dust and rain to prevent short circuits
- Durable, PC/ABS anti-static casing is weatherproof, dent resistant, v0 flame retardant and chemical resistant
- Integrated duct adapters
- Thermally protected cutoff switch
- Starter secured in flameproof motor enclosure to prevent risk of ignition when powered on. Use pull switch to active ventilator
- 25' (7.6 m) power cable to provide extended reach



## SPECIFICATIONS:

MODEL	UB20xx	
Part #	EF7002 EF7015 (w/ Quick Couple Canister & 15'/4.6 m duct) EF7025 (w/ Quick Couple Canister & 25'/7.6 m duct)	EF8002 EF8015 (w/ Quick Couple Canister & 15'/4.6 m duct) EF8025 (w/ Quick Couple Canister & 25'/7.6 m duct)
Weight	27 lbs	12 kg
Dimensions (h/w/d)	14 x 14 x 15.5 in	35 x 35 x 39 cm
Impeller	9-Blade	
Fan Casing	Anti-static Polycarbonate ABS Alloy	
Duct Adapters	2	
Noise	74 dB	
Motor	0.33 Hp	0.25 kW
Motor Type	Totally Encapsulated Air Over Flame Proof	
Electric	115V, 1 $\phi$ , 50/60Hz	230V, 1 $\phi$ , 50/60Hz
Amps -Start -Run	7A 2.3A	7A 1.2A
Run Time	Continuous	
Cable	25/16 AWG	7.6 m/1.5 mm <sup>2</sup>
Plug Types	A.T.X. 100/130V	A.T.X. 200/250V
Operating Temperature	-22°F to +104°F	-30°C to +40°C
Approvals		

### Certifications & Approvals

 I 2 G Ex de IIB T6 Gb       
 IECEx UL Certificate #: 13.0062X  
 EC-Type Examination Certificate #: DEMKO 09 ATEX 0926969X  
 INMETRO Certificate #: UL-BR 13.0593X  
 CE Hazardous Location Marking: CE0539  
 Ingress Protection: IP55  
 Motor Part Number EM-F.33-60XPEX

### IMPA Codes:

EF7002: 591416  
 EF8002: 591417

## PERFORMANCE:

AIRFLOW	UB20xx (60Hz)	UB20xx (50Hz)
Part#	EF7002	EF8002
Free Air	980 cfm (1,666 m <sup>3</sup> /hr)	819 cfm (1,392 m <sup>3</sup> /hr)
15' with one 90° turn	789 cfm (1,341 m <sup>3</sup> /hr)	659 cfm (1,120 m <sup>3</sup> /hr)
15' with two 90° turns	666 cfm (1,342 m <sup>3</sup> /hr)	557 cfm (948 m <sup>3</sup> /hr)
25' with one 90° turn	722 cfm (1,227 m <sup>3</sup> /hr)	603 cfm (1,025 m <sup>3</sup> /hr)
25' with two 90° turns	614 cfm (1,044 m <sup>3</sup> /hr)	510 cfm (867 m <sup>3</sup> /hr)

## ACCESSORIES:



### UB20xx M.E.D.™

#### Manhole Entry Device

Order # EF7015-MEDXX (60 Hz)  
 Order # EF8015-MEDXX (50 Hz)

Anti-static system ventilates without blocking the entry to maintain airflow while working and permits rapid entry and exit.

Package includes:

- 8" (20 cm) UB20xx Blower/Exhauster
- Quick-Couple™ canister with 5' (1.5 m) and 15'(4.6 m) duct
- M.E.D.™ (Manhole Entry Device)
- 90° elbow
- Universal mount



### Quick-Couple™ Canister

Order # EF7004CS  
 Quick-Couple Canister with 15' (4.6 m) conductive duct  
  
 Order # EF7004CL  
 Quick-Couple Canister with 25' (7.6 m) conductive duct



### Anti-Static Duct with carrying bag

Order # FDT-0815CBB  
 15' (4.6 m) anti-static duct with carrying bag  
  
 Order # FDT-0825CBB  
 25' (7.6 m) anti-static duct with carrying bag