



**FRSA**  
Fire Rescue Safety Australia

**RAMFAN**<sup>®</sup>

# PRODUCT DATA SHEET

## UB20xx 8" / 20cm Blower/Exhauster

Explosion-proof blower/exhauster manufactured to meet the requirements of the ATEX Directive, IEC standards and INMETRO standards. Safely blow or exhaust hazardous gases with minimal risk of the fan causing a spark.

Safety is compromised if any component along the electrical path in the blower/exhauster poses a risk of igniting a spark. Therefore, the UB20xx is built using only certified explosion-proof components along the electrical path. Furthermore, once assembled the whole unit is certified for safe use in explosive atmospheres in accordance with the limitations of the rating. It is the user's responsibility to determine the suitability of equipment for the intended purpose.

In addition to providing peace of mind to the user, whole-unit certified fan 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.

### SPECIFICATIONS

Model	UB20xx (115V)	UB20xx (230V)
Part #	EF7002 (115V)	EF8002 (230V)
IMPA Code	591416	591417
Motor	0.33 Hp	0.25 kW
Motor Type	Totally Encapsulated Air	Over Flame Proof
Electric	115V, 50/60Hz, 1Ø	230V, 50/60Hz, 1Ø
Amps (Start/Run)	7A / 2A	7A / 1.2A
Cable Lengths	25'/16 AWG	7.6 m/1.5 mm2
Plug Types	A.T.X. 100/130V	A.T.X. 240V
Operating Temperature	-22°F to +104°F	-20°C to +40°C
Noise	74 dB @ 3' (1m)	
Run Time	Continuous	
Weight	27 lbs	12 kg
Dimensions (h x w x d)	14 x 14 x 15.5 in	35 x 35 x 39 cm
Impeller	9-Blade	
Duct Adapters	2	

### PERFORMANCE

Airflow	UB20xx (60Hz)	UB20xx (50Hz)
Free Air	980 cfm (1,666 m³/hr)	819 cfm (1,392 m³/hr)
Through Duct		
15'/4.6 m w/ one 90° turn:	789 cfm (1,341 m³/hr)	659 cfm (1,120 m³/hr)
15'/4.6 m w/ two 90° turns:	666 cfm (1,132 m³/hr)	558 cfm (948 m³/hr)
25'/7.6 m w/ one 90° turn:	722 cfm (1,227 m³/hr)	603 cfm (1,025 m³/hr)
25'/7.6 m w/ two 90° turns:	614 cfm (1,044 m³/hr)	510 cfm (867 m³/hr)

### CERTIFICATIONS & APPROVALS



II 2 G Ex db eb IIB T6 Gb  
II 2 G Ex h IIB T6 Gb  
Zone 1, 2  
T6, non-mining gases up to 85°C

IECEX UL Certificate #: 13.0062X  
INMETRO Certificate #: UL-BR 13.0593X  
CE Hazardous Location Marking:   
Design of fans working in potentially explosive atmospheres: EN 14986

7.6m power cable to provide extended reach

IP55 rain tested switch enclosure ensures protection against dust and rain to prevent short circuits

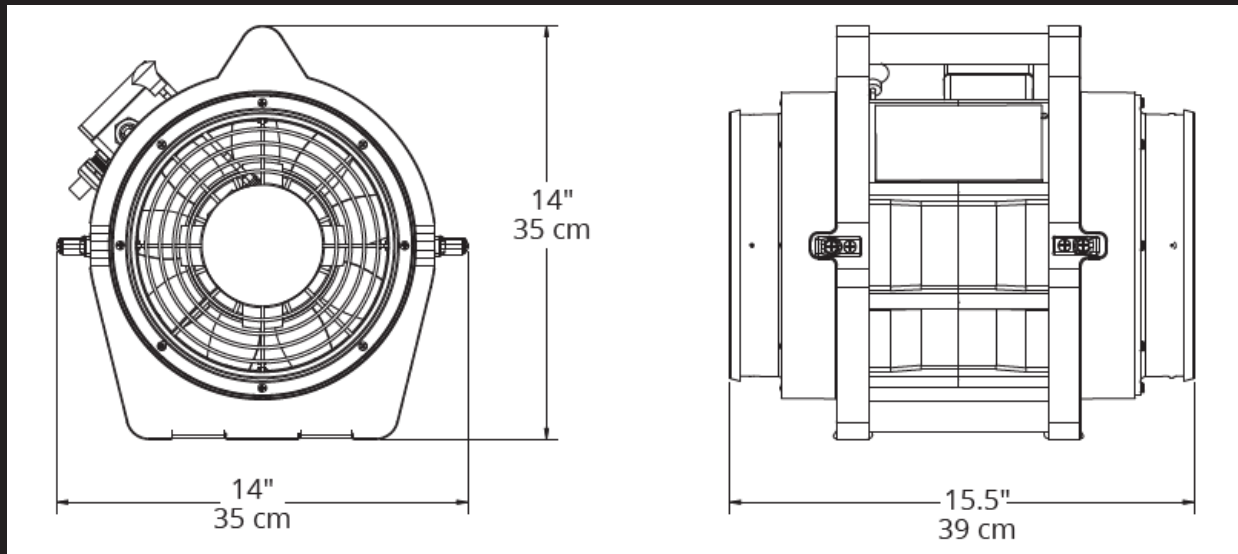
Starter secured in flameproof motor enclosure to prevent risk of ignition when powered on. Use pull switch to activate ventilator

2 Integrated Duct Adapters



Thermally protected cutoff switch

Durable, PC/ABS anti-static casing is weatherproof, dent resistant, flame retardant and chemical resistant



## KITS

### UB20xx w/ Quick-Couple Canister

- EF7015 - 60Hz UB20xx w/ Canister & 15' (4.6m) duct
- EF7025 - 60Hz UB20xx w/ Canister & 25' (7.6m) duct
- EF8015 - 50Hz UB20xx w/ Canister & 15' (4.6m) duct
- EF8025 - 50Hz UB20xx w/ Canister & 25' (7.6m) duct

### UB20xx M.E.D.™ (Manhole Entry Device)

- EF7015-MEDXX (UB20xx 60Hz)
- EF8015-MEDXX (UB20xx 50Hz)

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

Package includes: UB20xx fan, Quick-Couple™ Canister with conductive duct, M.E.D.™, 90° elbow, and universal mount.



## AVAILABLE ACCESSORIES

### ECKO Flex™ Anti-Static Duct with carrying bag

- FDT-0815CBB - 8" (20cm) anti-static duct 15' (4.6m) with carrying bag
- FDT-0825CBB - 8" (20cm) anti-static duct 25' (7.6m) with carrying bag



### Quick-Couple™ Canister

- EF7004CS - Quick-Couple™ Canister w/ 8" (20cm) conductive duct 15' (4.6 m)
- EF7004CL - Quick-Couple™ Canister w/ 8" (20cm) conductive duct 25' (7.6 m)

