

RAMFAN UB20xx

8"/20cm Blower/Exhauster

Industrial Ventilation Systems | Hazardous Locations

RAMFAN[®]

Product Overview

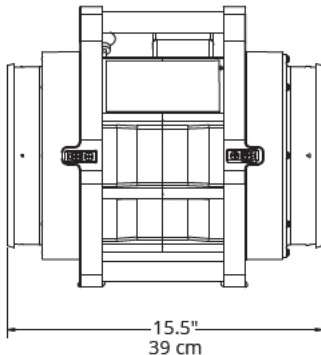
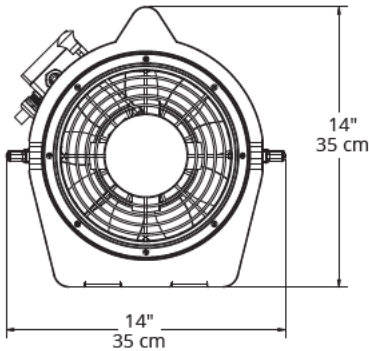
Explosion-proof blower/exhauster manufactured to meet the requirements of the ATEX Directive, IEC standards and INMETRO standards. Safely blow or exhaust hazardous gases with minimal risk of the fan causing a spark.

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 build 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 #	ED7002	ED8002
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 mm ²
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/w/d)	14 x 14 x 15.5 in	35 x 35 x 39 cm
Impeller	9-Blade	
Duct Adapter	2	



www.frsa.com.au | admin@frsa.com.au | + 61 7 3209 7422

RAMFAN UB20xx

8"/20cm Blower/Exhauster

Industrial Ventilation Systems | Hazardous Locations

RAMFAN[®]

Performance

Airflow	UB20xx (60Hz)	UB20xx (50Hz)
Free Air	980 cfm (1,666 m ³ /hr)	819 cfm (1,392 m ³ /hr)
Through Duct		
15'/4.6 m w/ one 90° turn:	789 cfm (1,341 m ³ /hr)	659 cfm (1,120 m ³ /hr)
15'/4.6 m w/ two 90° turns:	666 cfm (1,132 m ³ /hr)	558 cfm (948 m ³ /hr)
25'/7.6 m w/ one 90° turn:	722 cfm (1,227 m ³ /hr)	603 cfm (1,025 m ³ /hr)
25'/7.6 m w/ two 90° turns:	614 cfm (1,044 m ³ /hr)	510 cfm (867 m ³ /hr)

Certifications & Approvals

WHOLE-UNIT CERTIFICATION



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**

Kits

UB20xx w/ Quick-Couple™ Canister

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



UB20 (12D) and Quick-Couple Canister

Order# EF7015-MEDXX (UB20XX 60 Hz)
Order# EF8015-MEDXX (UB20XX 50 Hz)

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

Order# FDT-0815CBB 8" (20cm) anti-static duct 15' (4.6 m), w/ carrying bag
Order# FDT-0825CBB 8" (20cm) anti-static duct 25' (7.6 m), w/ carrying bag



Quick-Couple™ Canister

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



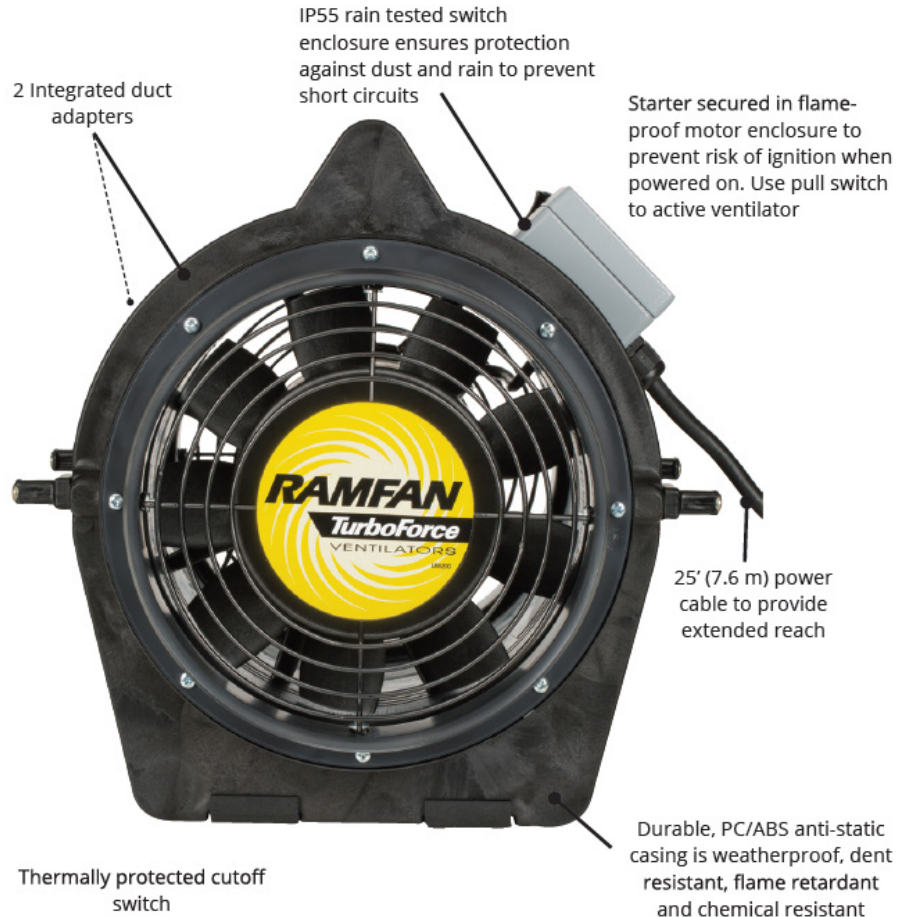
www.frsa.com.au | admin@frsa.com.au | + 61 7 3209 7422

RAMFAN UB20xx

8"/20cm Blower/Exhauster

Industrial Ventilation Systems | Hazardous Locations

RAMFAN®



www.frsa.com.au | admin@frsa.com.au | + 61 7 3209 7422