# FlowPath<sup>™</sup> Control



# **UB20xx** 8"/20 cm 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 explosionproof 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	



II 2 G Ex db eb IIB T6 Gb II 2 G Ex h IIB T6 Gb Zone 1, 2

**Performance** 

IECEx UL Certificate #: 13.0062X INMETRO Certificate #: UL-BR 13.0593X CE Hazardous Location Marking: T6, non-mining gases up to 85°C Design of fans working in potentially explosive atmospheres: EN 14986

Kits

Airflow UB20xx (60Hz) UB20xx (50Hz) 980 cfm (1.666 m<sup>3</sup>/hr) 819 cfm (1.392 m<sup>3</sup>/hr) Through Duct 15'/4.6 m w/ one 90° turn: 15'/4.6 m w/ two 90° turns 25'/7.6 m w/ one 90° turn: 25'/7.6 m w/ two 90° turns 789 cfm (1,341 m³/hr) 659 cfm (1,120 m³/hr) 558 cfm (948 m³/hr) 666 cfm (1,32 m<sup>3</sup>/hr) 722 cfm (1,227 m<sup>3</sup>/hr) 603 cfm (1,025 m<sup>3</sup>/hr) 614 cfm (1,044 m3/hr) 510 cfm (867 m<sup>3</sup>/hr)

#### UB20xx w/ Quick-Couple<sup>™</sup> Canister

Order# EF7015 - 60Hz UB20xx w/Canister & 15' (4.6 m) duct Order# EF7025 - 60Hz UB20xx w/Canister & 25' (7.6 m) duct Order# FF8015 - 50Hz LIB20xx w/Canister & 15' (4.6 m) duct Order# EF8025 - 50Hz UB20xx w/Canister & 25' (7.6 m) duct

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



### ECKO Flex<sup>™</sup> Anti-Static Duct with carrying bag

**Available Accessories** 

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<sup>™</sup> 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)

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

Durable, PC/ABS anti-static casing is weatherproof, dent

resistant, flame retardant

and chemical resistant



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

short circuits

Thermally protected cutoff switch

14'

35 cm

2 Integrated duct

adapters

15.5" 39 cm

UKEX Certificate #: UL23UKEX2861X

14' 35 cm





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## **PROUDLY MADE IN CALIFORNIA**