



WORLD'S LEADING MANUFACTURER  
OF HAZARDOUS AREA PORTABLE  
& TEMPORARY LIGHTING

# 20cm Fan/Ventilator

Zones: 1 and 2



## Product Overview

**Ramfan™ is the world leading manufacturer of fans and ventilators for hazardous areas.**

The VF-UB20xx is a hazardous area blower with a totally enclosed motor which is safe for use in a variety of adverse atmospheres.

Super compact and lightweight, at up to 980 cfm (1,666 m<sup>3</sup>/hr) it delivers the highest airflow in its class.

Ideal for hazardous areas, it is tough, resistant to chemicals has anti-static housing and is supplied with a 7.6m long power cable. It operates at an ultra-quiet level of 74dB at one metre.

The optional anti-static Quick-Couple™ Canister stores and protects duct from rips and tears and helps for a quick and easy set-up. It is available with either a 4.6 or 7.6 metre duct.

### NSN Codes

4940-01-603-7098 - VF-UB20xx (230V)

## Features & Benefits

- ATEX and IECEx certified for use in Zone 1 & 2
- Class leading air-flow at up to 980 cfm (1,666 m<sup>3</sup>/hr)
- Ultra quiet - 74dB at 1 metre
- Compact and lightweight - 10kg
- Thermally protected cut-off switch
- Durable, PC/ABS anti-static casing - weatherproof, dent resistant, v0 flame retardant and chemical resistant
- Starter secured in flameproof motor enclosure to prevent risk of ignition when powered on
- Extended reach power cable - 7.6 metres
- IP55 water tight rain tested switch enclosure

## Certifications



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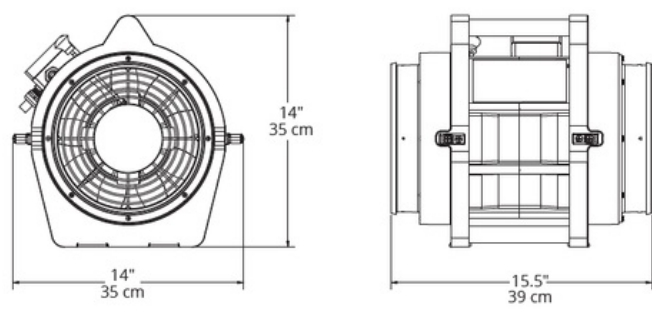
Thorne & Derrick  
+44 (0) 191 410 4292  
www.heatingandprocess.com

# Technical Specification

Product Reference	VF-UB20xx (115V)	VF-UB20xx (230V)
Product Description	20cm Hazardous Area Fan / Ventilator	
Code	II 2 G Ex de IIB T6 Gb	
Type of Protection	'd' flameproof  'e' increased safety	
Area of Class (Gas)	Zones 1 and 2, Gas Groups IIA and IIB	
Max Surface Temp (Gas)	T6	
Ambient Temp. (Gas)	-20° C TO +40° C	
Certificate	DEMKO 09 ATEX 0926969X  IECEX UL 13.0062X	
Enclosure	Anti-static Polycarbonate  ABS Alloy	
Motor	0.33 Hp (0.25kW)	
Voltage	115V, 50/60Hz	230V 50/60Hz
Amps (Start/run)	7A / 2.3A	7A / 1.2A
Airflow		
Free Air Through Duct	980 cfm (1,666m³/hr)	816 cfm (1,932m³/hr)
15'/4.6m /w one 90° turn:	789 cfm (1,341m³/hr)	659 cfm (1,120m³/hr)
15'/4.6m /w two 90° turn:	666 cfm (1,132m³/hr)	558 cfm (948m³/hr)
25'/7.6m /w one 90° turn:	722 cfm (1,227m³/hr)	603 cfm (1,025m³/hr)
25'/7.6m /w two 90° turn:	614 cfm (1,044m³/hr)	510 cfm (867m³/hr)
Ingress Protection	IP55	

Dimensions (h/w/d)	35 x 35 x 39 cm
Weight	12kg
Duct Adapters	2
Noise	74db @ 1m

Product Dimensions



Version: SL090 DF512 Issue 1





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ISO 9001  
ISO 14001  
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