



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

# 40cm Fan/Ventilator

Zones: 1 and 2



## Product Overview

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

The 40cm VF-EFi150xx fan is the largest in the range and produces a class leading airflow of up to 4,459 cfm (7,580 m<sup>3</sup>/hr). The fan is stackable, which enables a combination of units to further increase the airflow if required, as well as reducing the space needed for storage.

The fans are ATEX & IECEx certified for use in zone 1 & 2, and have an IP55 rating.

The 2 duct adaptors allow the attachment of different ducting as required.

### IMPA codes

591507

## Features & Benefits

- ATEX and IECEx certified for use in Zone 1 & 2
- Class leading airflow of up to 4,459 cfm (7,580 m<sup>3</sup>/hr)
- Durable, PC/ABS anti-static casing which is:
  - weatherproof
  - flame retardant
  - chemical resistant
- IP55 water tight rain tested switch enclosure
- Voltage range: 115V/230V

## Certifications



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**DERRICK**  
INTERNATIONAL

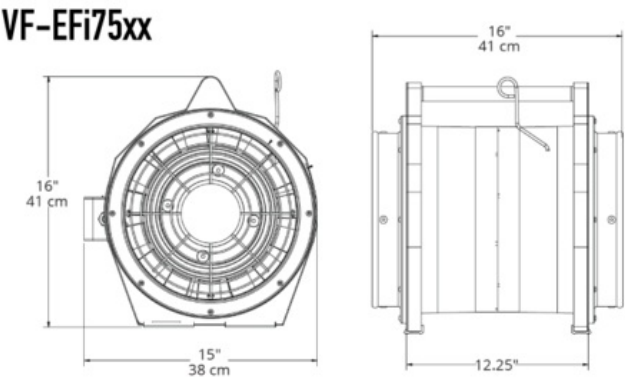
Thorne & Derrick  
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# Technical Specification

Product Reference	VF-EFi150xx (115V)	VF-EFi150xx (230V)
Product Description	115V 40cm Hazardous Location Fan / Ventilator	230V 40cm Hazardous Location Fan / Ventilator
Code	II 2 G Ex de IIB T6 Gb	II 2 G Ex de IIB T6 Gb
Type of Protection	'd' flameproof  'e' increased safety	'd' flameproof  'e' increased safety
Area of Class (Gas)	Zones 1 & 2, Gas Groups IIA and IIB	Zones 1 & 2, Gas Groups IIA and IIB
Max Surface Temp (Gas)	T6	T6
Ambient Temp. (Gas)	-20° C TO +40° C	-20° C TO +40° C
Certificate	DEMKO 09 ATEX 0926969X  IECEX UL 13.0062X	DEMKO 09 ATEX 0926969X  IECEX UL 13.0062X
Enclosure	Anti-static Polycarbonate  ABS Alloy	Anti-static Polycarbonate  ABS Alloy
Motor	1.5 Hp (1.1 kW)	1.5 Hp (1.1 kW)
Voltage	115V 50/60Hz	230V 50/60Hz
Amps:Start	115V: 80A	230V: 40A
Amps: Run	115V: 15A	230V: 8A
Airflow - Free Air	4,459 cfm (7,580 m³/hr)	4,459 cfm (7,580 m³/hr)
Airflow - Through Duct: 4.6m with one 90° turn:	3,179 cfm (5,404 m³/hr)	3,179 cfm (5,404 m³/hr)
Ingress Protection	IP55	IP55
Dimensions (h/w/d)	48 x 46 x 41 cm	48 x 46 x 41 cm
Weight	28kg	28kg

Duct Adapters	2	2
Noise	90.2 dB @ 1m	90.2 dB @ 1m

## Product Dimensions



Version: SL092 DF512 Issue 1

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ISO 9001  
ISO 14001  
BUREAU VERITAS  
Certification