

Puma™

# Wall Mounting Fire Extinguishant Gas Extract\* Unit (WMFE)

c/w 2 Hour Rated Fire Smoke Damper & Motor

\* A Mandatory requirement for BS ISO 14520:2006 and BS EN 15004:2008

## POSITIVE EXTRACT FUNCTION

The Puma Wall Mounting Fire Extinguishant Gas Extract Unit provides a compact solution to Data/ Server rooms that cannot utilise or do not possess a raised modular floor.

## SPACE SAVING SOLUTION

The Unit can be Mounting at high or low level, preferably in an external wall. Consideration should be given to air make up for a more efficient extract to the room. Please refer to Puma Fresh Air Supply Units or Air Make Up Dampers.

## HIGH EFFICIENT AIRFLOW

A High Efficient Axial Flow fan is Mounting to a plenum, housing a 2 hour rated Fire/Smoke Damper & Motor. The flanges of the damper allow the whole unit to be Mounting directly to the wall. A Telescopic Duct (TD) lines the wall thickness and a Weather Louvre provides an aesthetic finish to the outside.

## CONTACT DETAILS

For more information on any of our products or services please visit us on the Web at:

[www.pumaproducts.co.uk](http://www.pumaproducts.co.uk)

Telephone + 44 (0)1264 333305

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Intake view of Fan and Plenum Box

All Inert and Synthetic Gaseous Extinguishing systems require positive extract in the event of a discharge. Refer to BS ISO 14520 & BS EN 15004. Section 5.1 Part h

The Puma range of Wall Mounting Fire Extinguishant Extract Units incorporating Axial Fan's are designed specifically for the purpose of extracting the gas, the slim line construction allows the unit to be fitted unobtrusively on walls without taking up valuable floor space.

The range of EIGHT individual models have been designed to provide airflows from 0.14 to 4.58 m<sup>3</sup>/s.

## FEATURES and OPERATION

The Axial fan incorporates a dynamically balanced impeller to ISO 1940 G6,3 standard along with a robust, maintenance-free, squirrel-cage induction motor. The unit comes complete with fire/smoke damper & power open spring return actuator and electrical enclosure fitted with on/off isolator. The fan and damper motor require a 240 V ac 50/60 Hz supply. The damper commences to open immediately and fully opens in 75 seconds.

## EIGHT Models Available



Model Number	Airflow Rate in m <sup>3</sup> /s @50 pa	Hole Cut-out	Weight kg
		Width x Height	
WMFE 250 AF	0.14	325 x 325	20 kg
WMFE 310 AF	0.36	425 x 425	25 kg
WMFE 350 AF	0.75	475 x 475	35 kg
WMFE 400 AF	1.19	525 x 525	45 kg
WMFE 450 AF	1.8	625 x 625	55 kg
WMFE 500 AF	2.44	675 x 675	70 kg
WMFE 560 AF	3.19	725 x 725	90 kg
WMFE 630 AF	4.58	825 x 825	100 kg



ISO 9001:2008

Certificate Number: 1206 Issue:01



Unit 6 Viscount Court Walworth Business Park, Andover, Hampshire, SP10 5NW, England

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## Puma™ Products - innovation - design - quality

### TECHNICAL SUPPORT

Puma can offer a wealth of experience in sales, application and technical support.

Using the latest CAD design software we can provide detailed drawings in dxf or pdf formats.

### BESPOKE SOLUTIONS

Puma Products operate a continuous design and improvement policy and reserve the right to change designs and specifications without notice.

### SERVICES AVAILABLE

- Technical Support
- Maintenance Advice
- Application Support
- Fitting Instructions
- 12 Months Warranty

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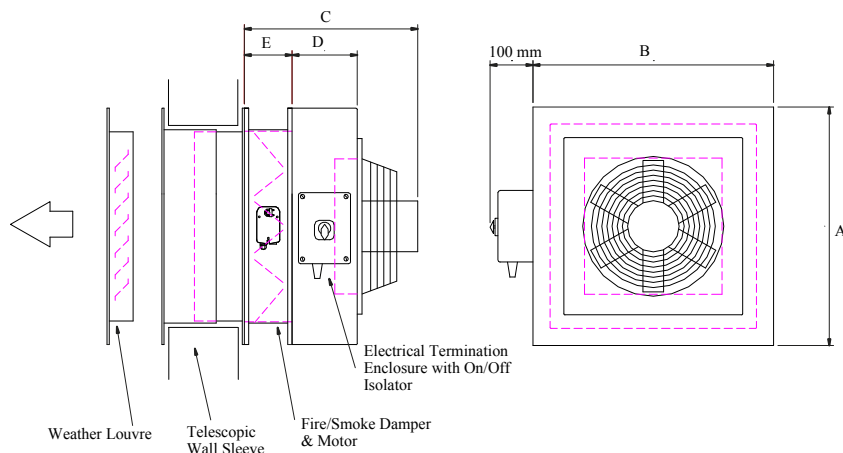
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Puma Products Limited™ has supported the specific requirements of the Data Hall - Server Room - Electronic Data Processing environment for over 30 years. Located in the South of England, we at Puma are widely recognized as experts in the field of Air Movement. Our knowledge and expertise have developed many products - such as Fresh Air Supply and Fire Extinguishant Gas Extract Systems, incorporating Fire/Smoke Dampers. The innovative Puma Hot Water Condensate Pumps © continue to lead the market in 'Humidifier Flush Down' disposal.

In those 30 years the market has changed dramatically and Puma Products has diversified with innovative products by continuously improving our production techniques, developing new ideas, testing to the highest standards, and obtaining the most relevant certification.



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Current @230 V 1 Phase (A)	Input power (W)	Sound Level db(A)
WMFE 250 AF	400	400	420	150	110	0.65	100	52
WMFE 310 AF	500	500	400	150	110	0.75	140	55
WMFE 350 AF	550	550	400	150	110	0.98	180	58
WMFE 400 AF	600	600	400	150	110	1.85	360	61
WMFE 450 AF	700	700	400	150	110	2.35	480	66
WMFE 500 AF	750	750	430	150	110	3.45	720	69
WMFE 560 AF	800	800	465	150	110	5.26	1060	72
WMFE 630 AF	900	900	495	150	110	5.4	1295	75



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