

Puma™

Wall Mounted 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 15004-1:2008

** Tested to BS EN 1634-1:2008



All Inert and Synthetic Gaseous Extinguishing systems require positive extract in the event of a discharge. Refer to BS ISO 14520 & BS EN 15004-1:2008 Section 5.1 Part h

The Puma range of Wall Mounted Fire Extinguishant Extract Units incorporating Axial Fan's is designed specifically for the purpose of extracting the air and gas from the protected enclosure after a fire suppression system release. The slimline construction allows the unit to be fitted unobtrusively on walls, without taking up valuable floor space.

The range of EIGHT individual models has been designed to provide airflows from 0.14 to 4.58 m³/s.

POSITIVE EXTRACT FUNCTION

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

SPACE SAVING SOLUTION

The unit can be mounted 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 mounted to a plenum housing a 2 hour rated Fire/Smoke Damper & Motor, tested to BS EN 1634-1:2008. The flanges of the damper allow the whole unit to be mounted directly to the wall. A Telescopic Duct (TD) lines a cavity wall, 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

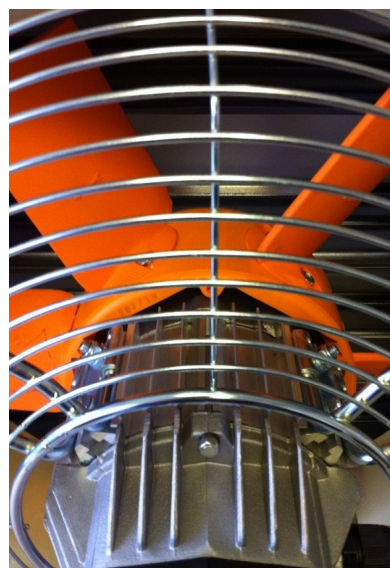
Telephone + 44 (0)1264 333305

sales@pumaproducts.co.uk

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, tested to BS EN 1634-1:2008, 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 opening immediately, and is fully open in 75 seconds.

EIGHT Models Available



Model Number	Airflow Rate in m ³ /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



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c/w 2 Hour Rated Fire Smoke Damper & Motor

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 operates a continuous design and improvement policy, and reserves 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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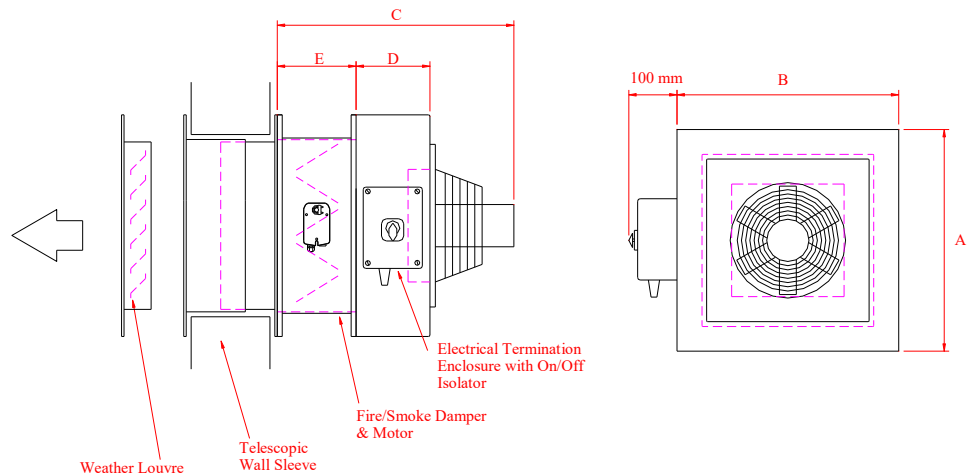
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Intake view of Fan and Plenum Box

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. Using our knowledge and expertise, we 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.

Over the years, the market has changed dramatically. Puma Products has diversified by designing innovative products, continuously improving production techniques, developing new ideas, and testing to the highest standards to obtain the most relevant certification.



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Current @ 230V 1 Phase (A)	Input power (W)	Sound Level db(A)
WMFE 250 AF	450	450	420	150	160	0.65	100	52
WMFE 310 AF	500	500	400	150	160	0.75	140	55
WMFE 350 AF	550	550	400	150	160	0.98	180	58
WMFE 400 AF	600	600	400	150	160	1.85	360	61
WMFE 450 AF	700	700	400	150	160	2.35	480	66
WMFE 500 AF	750	750	430	150	160	3.45	720	69
WMFE 560 AF	800	800	465	150	160	5.26	1060	72
WMFE 630 AF	900	900	495	150	160	5.4	1295	75

