Sauvons des vies l DETEX, le 1ª détecteur-extracteur de fumées autonome et sans conduits au monde

The DETEX System is a unique product, this is the World's 1st Smoke Extractor without external air piping or ducting.

IFTF

The DETEX is an innovative alternative solution that comes up to the usual smoke extraction technologies.

- Autonomous to make it working even after a power cut.
- Convenient for a simple installation
- Esthetically customizable for being integrated into your home or working offices.

SCOPE OF INSTALLATION:

- Residential Buildings (BH)
- Hospitals
- Buildings Receiving People (ERP)
- High Rise Building (IGH)
- Working Offices (ERT)
- Classified Buildings & Establishments
- Marine Vassels
- Naval Ships



HOW IT WORKS?

- The DETEX is fitted with a DAAF and an filtration casing
- When the DAAF triggers, The DETEX starts extracting the air with an air flow of 192 m3/h, and at the same time treats the smoke and convert into ambient air while purifying it...





REMINDERS

- 90% of deaths in the world are caused by smoke during fire incidents
- 75% of fires occur in the night
- Average time of intervention of fire fighters is 10-15 minutes

EFFICIENCY: AIR FILTRATION / IMPROVEMENTS FOR ENVIRONMENT

- Sucks & holds smoke soots,consequently preventing intoxication (filtre 0,3p)
- Reducing the carbon dioxide by -31% • Reducing the carbon monoxide by -6%



gas	Critical concentrations (mg/m ³)	Critical concentrations (vppm)	Max reference test (vppm)	Max smoke evacuation test (vppm)	Efficiency of the smoke trapping system (%)
CO ₂	72000	36420	14900	10300	- 31%
со	1380	1104	500	471	- 6%



- Removes all hydrogen sulphide Lowering temperature of a smoke filled room by -30% (Significantly delaying the burning process of the room)
- Maintaining an acceptable oxygen rate of at least 19%
- Capability for dealing with a total air flow of 192m3/h increases visibility (Reducing panic effect)

APPLICATIONS

In every place natural or mechanical smoke extraction system cannot be (or with difficulty) fitted or installed:

- Impossible/very difficult to set up a way to get smokes out towards walls or roof
- Impossible/very difficult to set up a air piping/ducting to drive the air out of the building





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The installation requires the following:

- No pipe/ducting for extraction
- No incoming air piping required

You just need a power supply 220V connected into an independent fuse

It can be autonomous or driven by a manual Release (ON/OFF)



Backup battery: 12V 500mA-30min Approx. Battery: AGM S12V-7Ah FR Battery Load Indicator: sonor & visual alert via LEDs Filtration: Laminar Filters H13, filtration at 0,3 micrometers Polycarbonate VO glowing wire 960" Polyamide 30% fdv

Detector sensor: photo-electronic

Alarm piézoélectric alarm, intégrated to the Vesta Detector. Signal Power: >85 dB(A) at 3 m and >94.5 dB(A) à 1 m. Automatic autotest: automatic testing the detector. the PCB electronic card & battery voltage

Dimensions:

Model 1 (Standard): 460 x 354 x 165 mm Net Weight: 7.5 kg Model 2: 590 x 590 x 140 mm. Net Weight: 18 kg Optional Fittings: Integrated LED Lights, input-output connections to link it to a control panel, manual trigger switch.

Certification:

Filter: EN 1822 Détector: NF-EN 14 604 Detex complete product/system: CE Tests Conducted by: CRÉPIM (Europe)







Certifications:

- DAAF: Certified NF-EN14604
- Filters: Certified EN 1822
- Plastic Material Certificate: Polycarbonate VO 960"
- Detex: Certified CE
- Test results performed by CREPIM

			Détecteurs Avertisseurs	Certific	
	1		Autonomes de fumée	Numbro du centificat : 001-5/8 du 01/07/2014	
1	◎ A.T.I	Certification Diploma Nº : 09.1 Euroven Certile Certification certifies th	N : 001-5/8	Rue Duhamol du Monseau DADONVILLE Bristole 45308 PTTHVERIS Cedex France	
	Aéraulique Technologie Inne	M5-F9 Air Filters tron	0/05972014	Titabiles numbro / B	
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	Disignation de l'équipement : DETEX	have been assessed according the requirements of to CML11.2014	Ce-certificat annule et remplace tout	certificat antikiteur.	
T.I certifie que le DETEX a satisfait aux te alisés par le laboratoire du CREPIM. rs-2013 jun-2015)	NS: b distorminer Divertions de l'UE partientes : 3011455EE, 3011 Divertion CE sur les machines SNR96/CE, 2064/95CE, 8958	The list of certified products is displayed http://www.eurovent-certification.co	to the second answ of determine an evolutioner of the second answ of the second and answ of the second and answ of the second answ of the sec		
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Le CREPIM: European Test Lab

CREPIM has measured, certified & approved the DETEX performance
CREPIM is recognized & accredited by the following OEMs:





Head Office: C-98, Swaran Park, Udyog Nagar, Cement Godown Gali, Mundka, Near Rajdhani Park Metro Station, New Delhi-110041, India

M: +91 99144 55512 E-mail: info@detexindia.com Web: :www.detexindia.com



Homebiz Security Consultants

Head Office:Flat No. 8, 1st Floor, Eldeco Green Plaza, Sector H, Purania, Aliganj, Lucknow, India-226024

M: 0522 4004394, 9839009511 E-mail: Info@hbschombiz.com Web: :www.hbschombiz.com

Note: Product's specifications and information in brochure are subject to change without notice. Standard features and options may vary in some models. All dimensions & weights are subjects to tolerance of ± 5% information provided after considering ideal conditions for usage.