

EXTREME VISION ENGINEERING CO.,LTD

EXPLANATION OF ROOF VVENTILATORS

VERSION 1.0

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Presented by:

CY Tang

What is a Roof ventilator?

Roof ventilators are basically a life saving product. Why? Because it is located at rooftop of a large space area of more than 1000 meter square enclosed building. Example that can be used:-

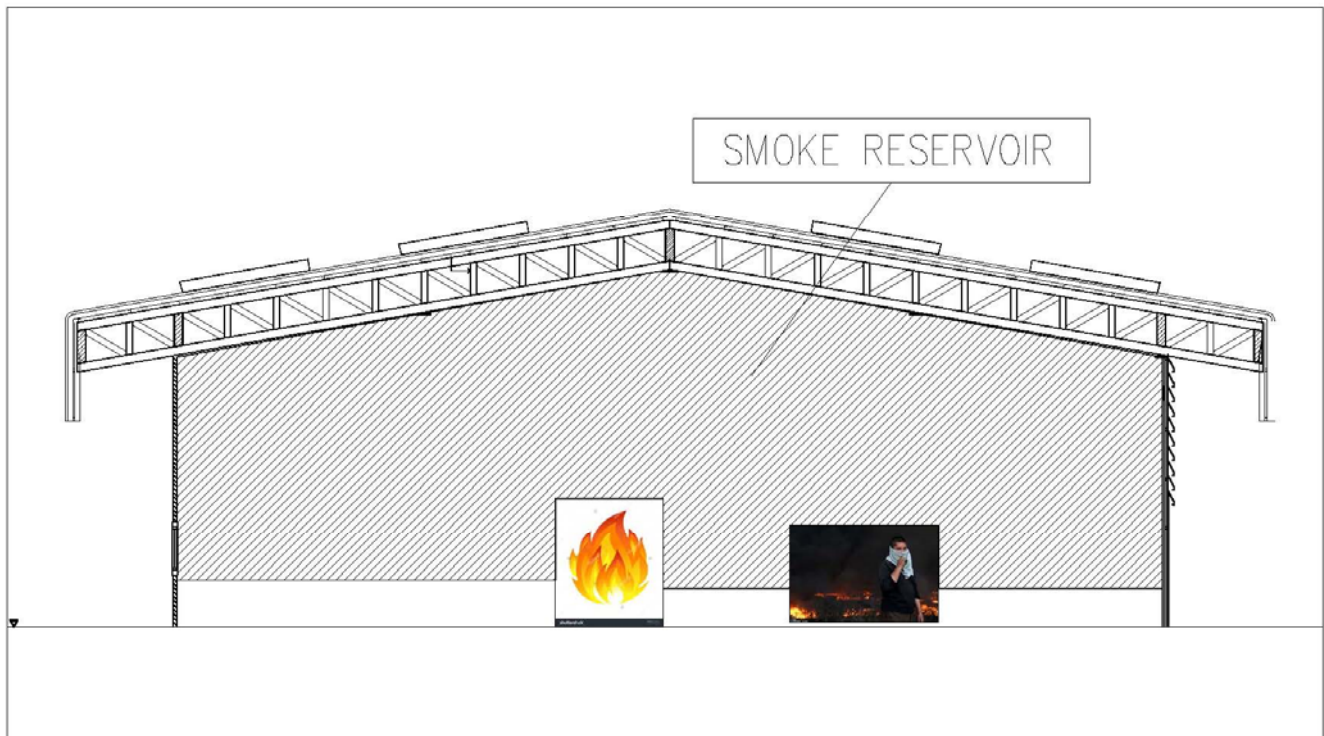
- a) Hypermarkets like Carrefour, Makro, Tesco or any other local hypermarket in Indonesia.
- b) Factories that have large area.
- c) Shopping mall at atrium area.
- d) Warehouses

QUESTION

What's the main intention of roof ventilator and the main selling point and why is it a life saving product?

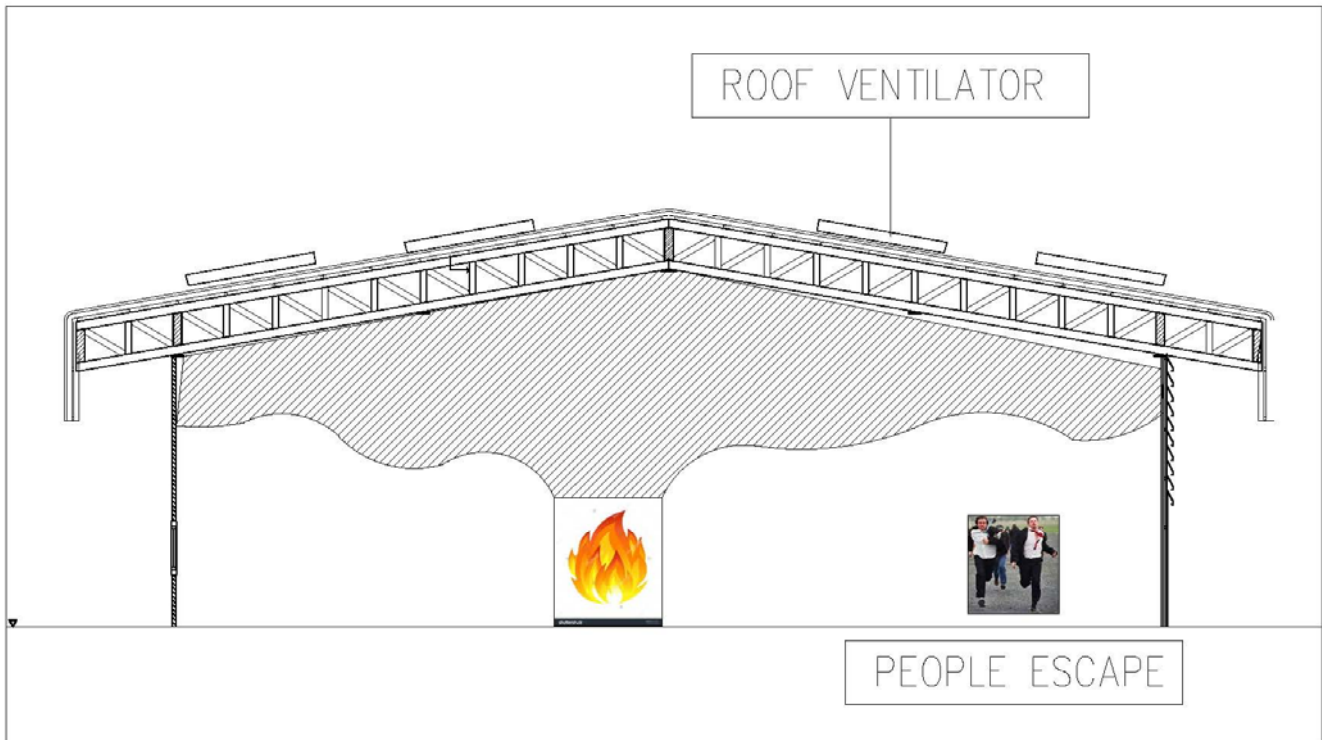
When a fire breaks out in any of the above mentioned area, ie hypermarket, factories, mall, etc, depending on the product inside the area, fire will spread rapidly and very fast. People will panic and will try to find a way out.

Smoke will then quickly develop and being hot gas, it will reach the top of the roof and if there are no roof ventilators, smoke will start to collect and starts to move down, subsequently, creating a smoke reservoir.



Smokes moves very fast and if there is no roof ventilators, very soon, people will be killed not because of the fire but due to the lack of oxygen which is taken up by the smokes.

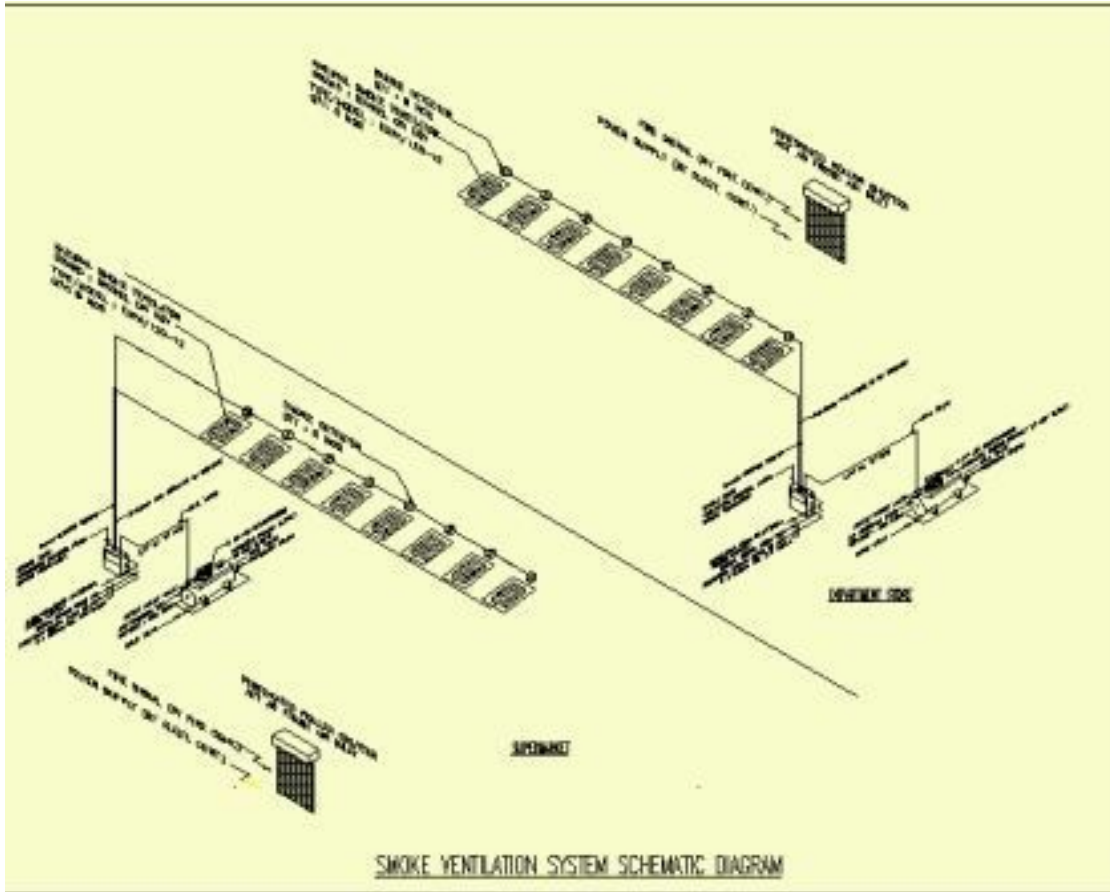
However, with roof ventilators, smoke can now released to the environment automatically and hence, ats as a life saving product.



SO, HOW DOES IT WORKS?

Roof ventilators are installed by our skilled contrators on the roof top. It can be sold for existing premises or for new premises but we prefer for new premises because we can install them when the roof truss of the factories are being build and we can do the installation works effectively.

The roof vents are connected either by copper tubes or electrical system and will then terminates at the control panel. The fire alarm panel must give a signal to the control panel too. When there is a fire , the fire alarm will send a signal to our control panel and all the roof vents will open automatically.



QUESTION

WHO TO APPROACH?

The best option is of course the owners of the building but in our case, most of the sales comes from our connection with Architects and Mechanical Engineers Consultants. The reason is because most owners will employ architects to design the factories/building/malls for them and if the architects knows about your product, he will incorporate our roof ventilators and also our brand name in his design tender specifications.

When bidding starts, since there is no other product competition, this product will be awarded to us without any problems. This is what is happening in Malaysia when I was working there and I have 8 years experience in roof ventilators.

Usually, we will help the architect do all the design and specification for our roof ventilators. All he need to do is to include the roof vent during tender. I am a Registered Mechanical Engineer Professional Engineer in Malaysia and am qualified to do the design. All the roof vent design is according to British Standard. Enclosed a copy of British std used for your reference.

Here are some photos of completed installation

