

Product sheet  
FI panels



- Reduced heat loss through fans during winter by up to 7 times
- Cost saving by reducing heating cost
- Quick and easy to install and mount
- Fits all Munters extraction fans snugly
- Can be installed on air inlet or exhaust sides of fans
- Installation kits include all accessories required for installation
- Can be fitted onto other brands of exhaust fans with similar dimensions

## FI fan insulation panels

Heating the inside of a building can be very expensive, especially if a lot of the heat generated is lost through areas of poor insulation. While the fan's shutters provide an effective barrier to airflow when the fan is inactive, they do not provide an effective barrier to heat flow or heat loss. The vast majority of extraction fans are not used during cold winter periods during which large heat losses occur because of heat escaping through inactive extraction fans. In order to prevent such costly heat losses, fans can be fitted with Munters FI fan insulation panels. In this way generated heat can be kept where it should be, inside the building.

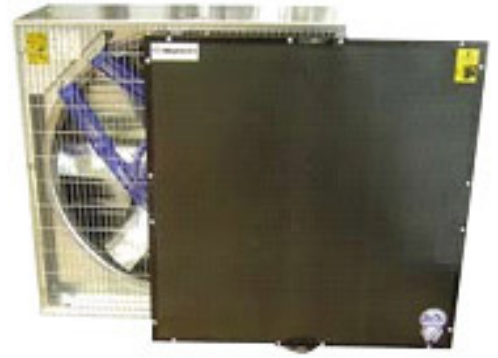
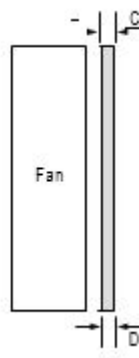
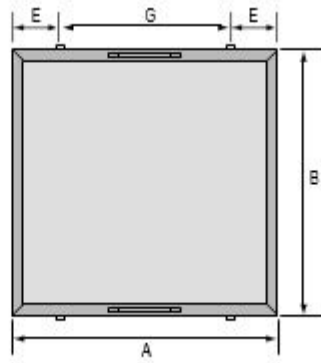
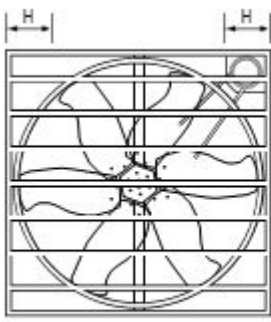
The Munters FI fan insulation panels consist of an insulating 25 mm polystyrene panel, protected by a hollow core UV stabilized plastic sheet and framed by a metal housing in epoxy pre-coated and galvanized steel. Four quick release latches ensure a tight fit even during periods of outside wind activity. Mounting and dismantling the panels is done in a matter of seconds, once installed. To assist in the mounting and handling of the panels, two UV stabilized plastic handles are fitted.

As a complement to the Munters range of extraction fans, the Munters FI fan insulation panels can be fitted on shutter side of all 36", 50" and 52" fans.

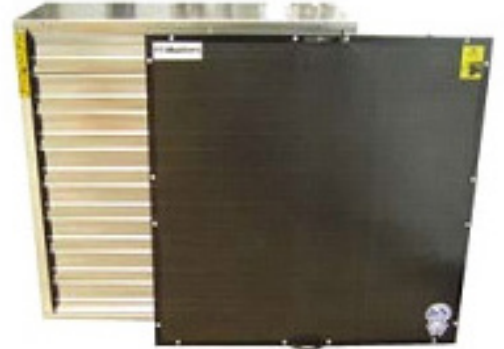
If a pyramidal safety mesh is installed on the shutter side of the fan the pyramidal safety mesh should be removed while the panels are installed.



EM36 - 50 - 52



The FI fan insulation panels can be mounted on either the fan inlet side or fan exhaust side, (depending on fan model, see elsewhere in brochure).



Quick release latches for ease of mounting and dismantling while keep panels tightly sealed.

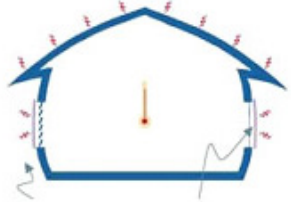
	FI36	FI50	FI52
Weight [kg]	3.0	4.0	
U-Value [W/m <sup>2</sup> x °C]	0.95	0.95	
Heat loss reduction factor	7	7	
Dimensions	mm	mm	mm
A	1,092	1,382	1,430
B	1,092	1,382	1,430
C	35	35	40
D	25	25	25
E	201	251	251
G	690	880	880
H	198	248	248



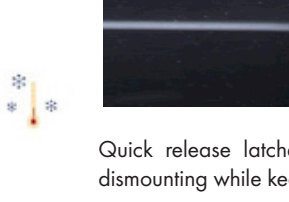
High heat loss through closed fans.



High heat loss through ventilation openings.



Reduced heat loss with fan insulation panels.



Reduced heat loss with insulation tunnel doors.

The panels are sold in packs of 4, 8 or 12 units. Each pack contains the necessary brackets and self-tapping screws for installation. To assist with installation a manual and screw marking guide are included. Also included are patches for drainage holes. All these are packed safely in protective packaging

FI Fan Insulation is developed and produced by Munters Italy.

[www.munters.com](http://www.munters.com)

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