



ADVANCED HIGH EFFICIENCY FILTER FOR MITSUBISHI ENERGY RECOVERY VENTILATOR LOSSNAY

Models:

PZ-15RFP2-E · PZ-25RFP2-E · PZ-35RFP2-E · PZ-50RFP2-E

PZ-65RFP2-E · PZ-80RFP2-E · PZ-100RFP2-E

Operating Instructions

(For the user)

The Advanced High Efficiency Filter is designed for commercial use Lossnay ventilators to collect small particles present in outdoor air supplied into the room. It can be replaced with one already mounted in Lossnay unit.

- For applicable models and quantities required, refer to the separate delivery specifications, products brochure, etc.
- Please read through these instructions to understand the proper and safe procedures for operating the Lossnay. After reading these operating instructions, keep it in an easily accessible and safe place for future reference.

Safety precautions

The following symbols denote the danger and its degree that may result from incorrect use.



WARNING Denotes misuse that could cause serious injury or death.



- **Always turn off the Lossnay ventilator before installing or replacing the filter.** Failure to heed this warning may result in electric shock or injury.



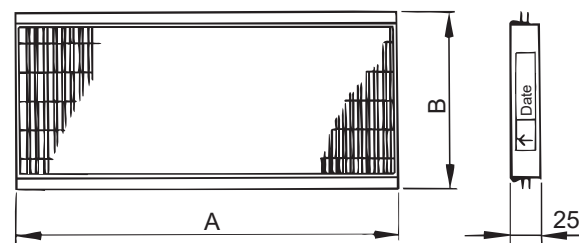
CAUTION Denotes misuse that could cause injury or damage to properties.



Important

- **Wear gloves when installing the filter.** Otherwise, edges may cause injury.
- **The filter contains a small amount of glass fiber. If you have any of the following problems, please respond as described and see a doctor if necessary.**
 - In case of inhalation of large quantities of product dust (eg glass or synthetic fibers), immediately remove to fresh air and wash out of mouth.
 - If product dust adheres to the skin, wash it away with running water immediately.
 - If product dust enters your eyes, rinse immediately with running water. Remove contact lenses immediately.
 - If product dust is swallowed, exhale and rinse mouth thoroughly with water immediately.

Outline drawings and Materials



■ Dimensions Unit (mm)

Model	A	B
PZ-15RFP2-E	553	123
PZ-25RFP2-E	327	148
PZ-35RFP2-E	393	175
PZ-50RFP2-E	464	175
PZ-65RFP2-E	427	209
PZ-80RFP2-E	446	236
PZ-100RFP2-E	559	236

Materials are shown below, please dispose properly according to the laws of each country.

Frame: Vinyl chloride

Filter: Synthetic fiber (PP, PET, Glass, Pulp, PVA, Acrylic resin, PE)

Filtration specification

ASHRAE 52.2-2017: MERV16

ISO16890-2016: ePM₁ 75%, ePM_{2.5} 80%, ePM₁₀ 95%, GB/T 14295-2008: YG class, 99.7%

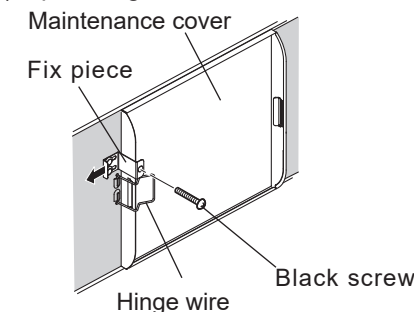
* Filtration specification are results of tests conducted by third-party certification bodies and are not a guaranteed value.

Replacing (Installation)

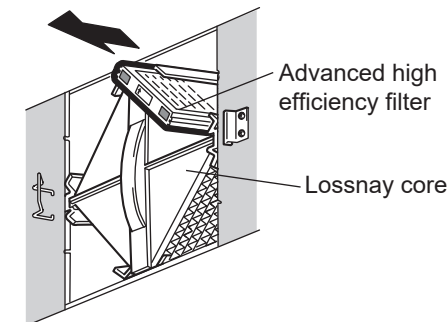
Opening the maintenance cover may vary depending on the model. Refer to the instruction manual of Lossnay for more information.

1. Remove the maintenance cover.

- 1) Remove the black screw.
- 2) Slide the fix piece to out side.
- 3) Open hinge wire.



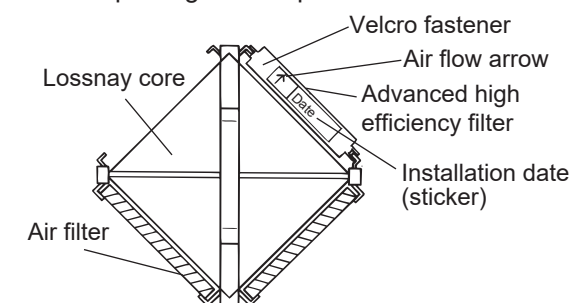
2. Remove the Advanced high efficiency filters from the upper right side of the Lossnay cores in the case that Lossnay unit is installed standard.



Note

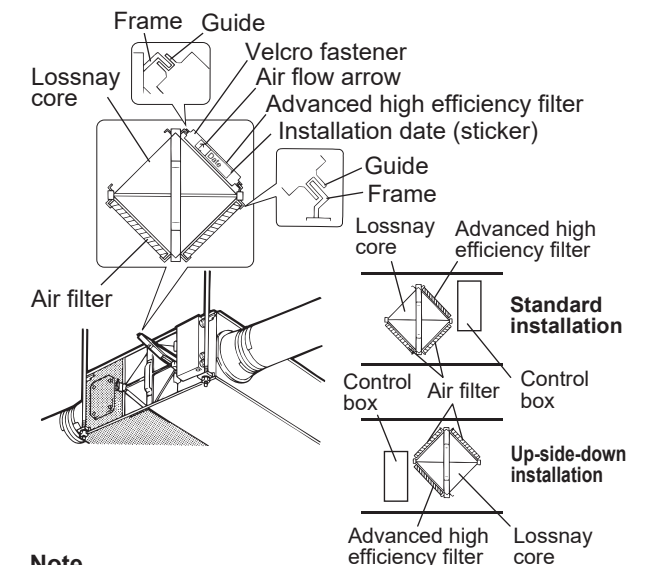
- When Lossnay unit is installed upside down, Advanced high efficiency filters position is lower left side.

3. Fill the installation date in the date entry sticker pasted on the new Advanced high efficiency filter. It is useful as a guide to determine the next replacing time required.



4. Push to engage the two guides of the new Advanced high efficiency filter with the frame of the Lossnay core so that the frame gets caught between them; an arrow indicated on the filter should face against the Lossnay core as shown in the figure.

- Use a Velcro fasteners to tie up two filters. Hold the filters up to push onto the frame in the same way as above. (For PZ-25 to 100RFP2-E)



Note

- When replacing an Advanced high efficiency filter, always clean (or replace) the air filters built in the Lossnay ventilator.

5. Install the maintenance cover in the reverse order of the procedure shown in "1". The cover should be in the correct direction such that its nameplate is legible.

Note

- This filter is a disposable filter and not cleanable/washable. Please replace to new one when clogging. The following table shows the approximate replacement time when the daily operation time is 10 hours and the annual operation days are 250 days. This is the calculation result on each air condition, so please adjust the replacement cycle considering the air environment in the area where the product is actually installed and operating time and day.

	Dust concentration (μg/m ³)		Replacement period
	PM2.5	PM10	
Air condition 1	18.5	28.5	24 months
Air condition 2	35.0	65.0	12 months
Air condition 3	100.0	225.0	4 months

MITSUBISHI ELECTRIC CORPORATION

2-7-3 Marunouchi, Chiyoda-ku, Tokyo, 100-8310 Japan

三菱能源回收式通風機 LOSSNAY 專用之高級強效型濾網

型號:

PZ-15RFP2-E · PZ-25RFP2-E · PZ-35RFP2-E · PZ-50RFP2-E

PZ-65RFP2-E · PZ-80RFP2-E · PZ-100RFP2-E

使用說明書

(供使用者參考)

高級強效型濾網專用於商業用途的 Lossnay 通風機，可將供應到室內之室外空氣中的微小粒子收集起來。可用來替換已裝在 Lossnay 機組內的濾網。

■有關適用的機型和所需數量，請參閱另附的規格、產品型錄等。

■請詳閱這些說明書以瞭解正確又安全的 Lossnay 操作程序。閱讀完這些說明書後，請妥善保存以便隨時參閱。

安全須知

下列符號代表不當使用可能導致之危險及其等級。

警告

代表濫用可能會造成重大傷害甚至死亡。

●務必先將 Lossnay 通風機關閉後才能安裝或更換濾網。否則可能導致觸電或傷害。

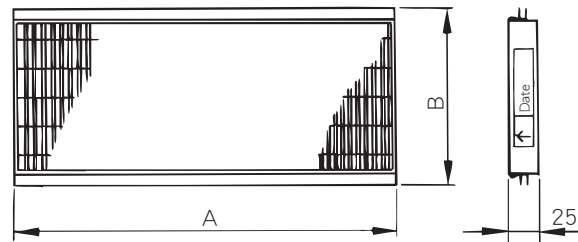
注意

代表濫用可能造成傷害或財物的損壞。

重要

- 安裝濾網時請戴手套。否則，銳利的邊緣可能造成傷害。
- 本濾網含有少量玻璃纖維。如果您有以下任何問題，請依照說明處理，並在需要時看醫生。
 - 如果吸入大量產品粉塵（例如玻璃或合成纖維），請立即移動至有新鮮空氣處並沖洗口腔。
 - 如果產品粉塵附著在皮膚上，請立即用流水將其洗淨。
 - 如果產品粉塵進入眼睛，請立即用流水沖洗。
 - 如果吞下了產品粉塵，請立即呼氣並用水徹底沖洗口腔。

外型圖與材料



■ 尺寸 單位 (mm)

型號	A	B
PZ-15RFP2-E	553	123
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PZ-65RFP2-E	427	209
PZ-80RFP2-E	446	236
PZ-100RFP2-E	559	236

材料如下所示，請根據各國法律正確處置。

框架：氯乙烯

濾網：合成纖維（PP、PET、玻璃、紙漿、PVA、丙烯酸樹脂、PE）

過濾規格

ASHRAE 52.2-2017: MERV16

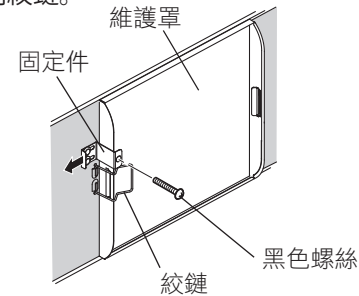
ISO16890-2016: ePM1 75%，ePM2.5 80%，ePM10 95%，GB/T 14295-2008: YG 級，99.7%

* 過濾規格為第三方認證機構的測試結果，並非保證值。

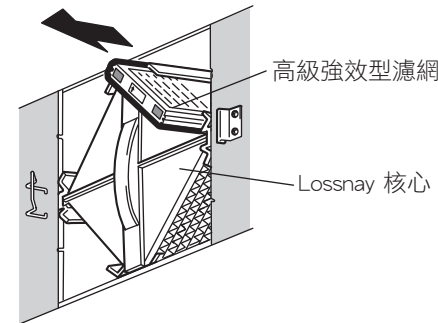
更換（安裝）

維護罩的開啟方式會因機型而有所不同。如需了解其他資訊請參閱 Lossnay 使用說明書。

- 取下維護罩。
 - 取下黑色螺絲。
 - 將固定件向外側滑動。
 - 打開絞鏈。



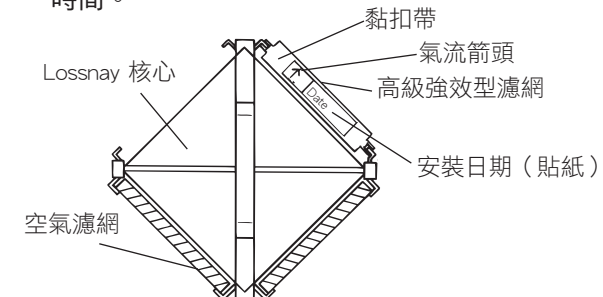
- Lossnay 機組是標準安裝時，請從 Lossnay 核心的右上方將高級強效型濾網取下。



備註

- 當 Lossnay 機組是反向安裝時，高級強效型濾網會位於左下方。

- 將安裝日期填寫在新高級強效型濾網上所貼的日期貼紙上。此舉有助於決定下次濾網需要更換的時間。



	香港	台灣
進口廠商名稱	三菱電機（香港）有限公司	台灣三菱電機股份有限公司
地址	香港太古城英皇道 1111 號太古城中心一座 20 樓	台北市中山北路六段88號11樓
電話	(852) 2510 0555	(02) 2833 5300

商品原產地 日本

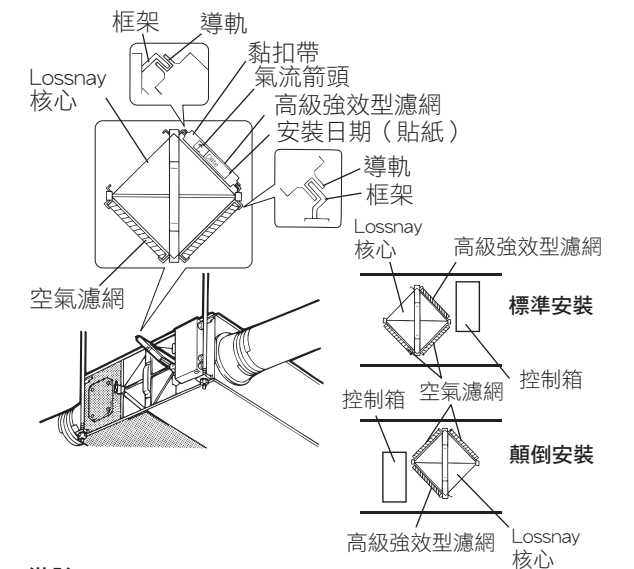
製造廠商名稱 三菱電機株式會社

MITSUBISHI ELECTRIC CORPORATION

製造商：MITSUBISHI ELECTRIC CORPORATION
TOKYO BLDG.2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO, 100-8310 JAPAN.

- 將新高級強效型濾網的兩個導軌下壓以使其和 Lossnay 核心的框架結合，讓框架卡在兩者之間；如圖所示，濾網上的指示箭頭應面向 Lossnay 核心。

- 使用黏扣帶將兩個濾網捆住。拿起濾網並以上述相同的方法壓到框架上。（適用於 PZ-25 至 100RFP2-E）



備註

- 當更換高級強效型濾網時，務必清潔（或更換）Lossnay 通風機內置的空氣濾網。

- 依照圖“1”所示的順序逆向操作以裝上維護罩。維護罩應以正確方向安裝使其銘板清晰可見。

備註

- 本濾網為一次性濾網，不可清掃或清洗。堵塞時請更換新濾網。下表表示每天運行時間為10小時，每年運行天數為250天時的大概更換時間。這是在各種空氣條件下的計算結果，因此請考慮實際安裝產品的區域的大氣環境以及運行時間和天數來調整更換週期。

	粉塵濃度 (μg/m³)		更換週期
	PM2.5	PM10	
空調 1	18.5	28.5	24 個月
空調 2	35.0	65.0	12 個月
空調 3	100.0	225.0	4 個月