

# TOSHIBA Air conditioner packaged unit

Outdoor unit

## HEAT EXCHANGER FIN GUARD INSTALLATION MANUAL

Model  
RBM-FGUS1P-E, RBM-FGUM1P-E

Thank you very much for purchasing Heat exchanger fin guards for TOSHIBA air conditioner packaged unit. Please read this Installation Manual to install the fin guards, and perform correct works.

### SAFETY PRECAUTIONS

- Please read this “SAFETY PRECAUTIONS” carefully to install the fin guards before starting work.
  - The precautions listed here are important safety information, which must be strictly adhered to.
  - After completing the installation, make sure that the unit operates properly during the trial run.
- Also, inform customers that they should store this Installation Manual along with the user’s manual and Installation Manual of the main unit of the air conditioner.

|                                                                                                 |                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>WARNING</b> | Be sure only agent or qualified service personnel to install the equipment. Improper installation yourself will cause the fin guard to fall and result in injury.    |
|  <b>CAUTION</b> | Install accordingly to this installation instructions strictly. If installation or install processing is defective, it will cause refrigerant gas leakage or injury. |

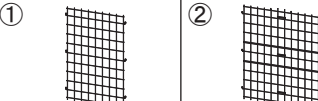
### CAUTION FOR INSTALLING

|                                                                                                 |                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>CAUTION</b> | Install the fin guards only at position where screw holes locate. Do not open screw holes yourself, not use screws other than specified for installation. It will damage the heat exchanger, or cause malfunctions of electrical components or electronic components. |
|                                                                                                 | Be careful so as not to damage the fins and the pipes during the installation. The pipe damage will cause refrigerant gas leakage.                                                                                                                                    |
|                                                                                                 | Clean up the metal dust after the installation. Also, rust proof the installation location. The uncleared metal dust after the installation or not rustproofed installation location will cause rust to form.                                                         |
|                                                                                                 | Wear gloves (※) during the installation work. Otherwise, it will cause injury on the parts. (※ Thick gloves like work gloves )                                                                                                                                        |

### 1. SPECIFICATIONS

|                   | RBM-FGUS1P-E, RBM-FGUM1P-E                                       |
|-------------------|------------------------------------------------------------------|
| Wire material     | Material : SWRM3, Wire diameter Ø3.5                             |
| Surface treatment | Polyethylene coating (Colour : Silky shade-munsell No.1Y8.5/0.5) |

### 2. PARTS (It contains the below parts.)

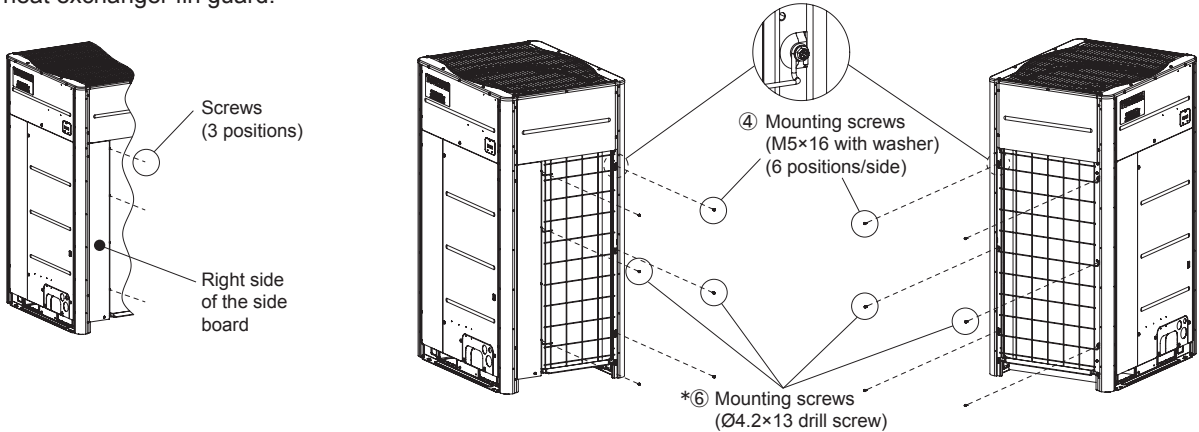
| No. | Item                                       |                                                                                     | Model (RBM-) |          |
|-----|--------------------------------------------|-------------------------------------------------------------------------------------|--------------|----------|
|     |                                            |                                                                                     | FGUS1P-E     | FGUM1P-E |
| ①   | Heat Exchanger fin guard (Right)           |  | 1            | -        |
| ②   | Heat Exchanger fin guard (Left)            |  | 1            | 2        |
| ③   | Heat Exchanger fin guard (Rear)            |  | 1            | 1        |
| ④   | Mounting screw (M5)<br>(M5×16 with washer) |  | 20           | 23       |
| ⑤   | Installation Manual                        | This book                                                                           | 1            | 1        |
| ⑥   | Mounting screw (drill screw)<br>(Ø4.2×13L) |  | 7            | 11       |

### 3. INSTALLATION METHOD

#### 1. Heat exchanger fin guard (left, right) installation

##### RBM-FGUS1P-E 990W body Right Side View

- 1) Before the installation, remove the 3 fixing screws in the right side of the side board.
- 2) Insert the 6 mounting screws ④ (M5×16 with washer) into the 6 screws hole in the side of the outdoor unit and fasten to fix the heat exchanger fin guard.



##### RBM-FGUS1P-E 990W body Left Side View RBM-FGUM1P-E 1290W body Both Side View

- 1) Insert the 6 mounting screws ④ (M5×16 with washer) into the 6 screws hole in the side of the outdoor unit and fasten to fix the heat exchanger fin guard.

※ After completing the fin guard installation, make sure that the fin guard is fixed firmly without looseness, ratting or chatter. When the looseness, ratting or chatter observed, adjust the screws so that the wires will stretch to a certain extent.

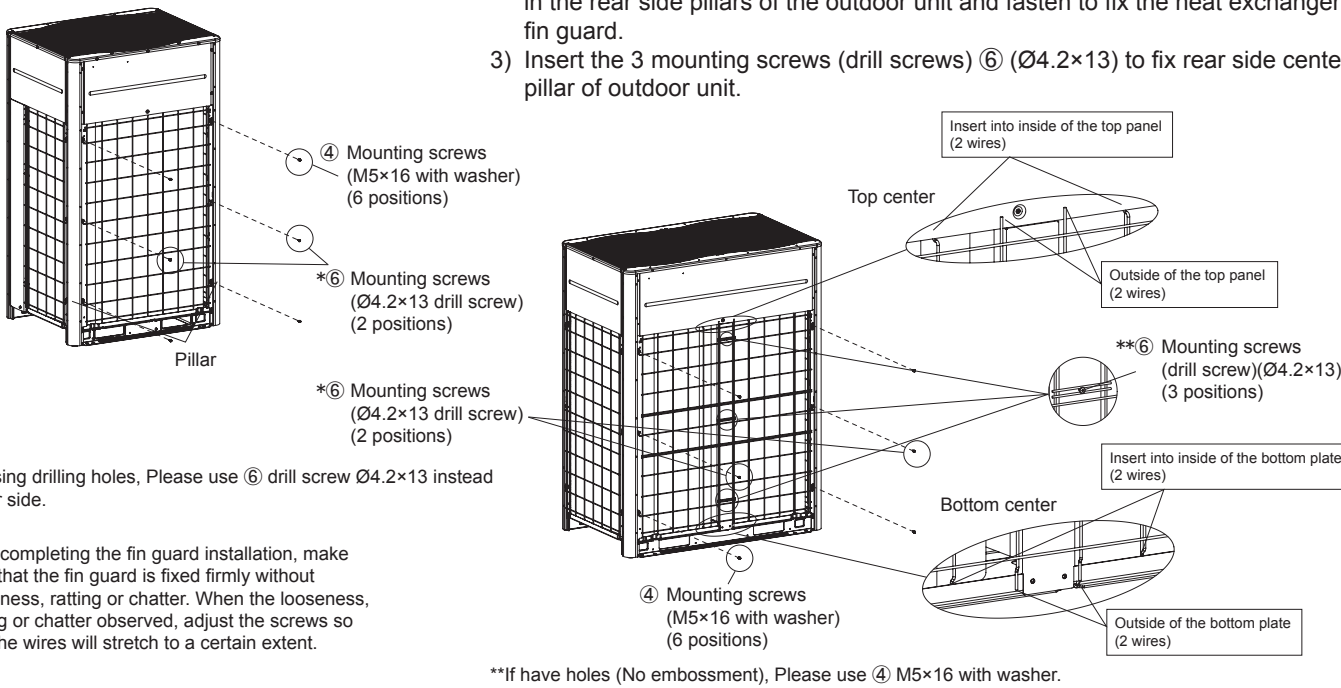
#### 2. Heat exchanger fin guard (rear) installation

##### RBM-FGUS1P-E 990W body

- 1) Insert the 6 mounting screws ④ (M5 × 16 with washer) into the 6 screws holes in the rear side pillars of the outdoor unit and fasten to fix the heat exchanger fin guard.

##### RBM-FGUM1P-E 1290W body

- 1) As shown in the below figure, pinch the top panel and the bottom plate with wires in the top center and bottom center to hold. Place 2 top center and bottom center wires on the outside of the top panel and the bottom plate, while insert 2 outer top and bottom wires into the inside of top panel and the bottom plate to hold.
- 2) Insert the 6 mounting screws ④ (M5×16 with washer) into the 6 screws holes in the rear side pillars of the outdoor unit and fasten to fix the heat exchanger fin guard.
- 3) Insert the 3 mounting screws (drill screws) ⑥ (Ø4.2×13) to fix rear side center pillar of outdoor unit.



### 4. INSTALLATION SPACE FOR OUTDOOR UNIT

Ensure sufficient free space surrounding the outdoor unit. If installing the unit without leaving this space, the protective function may be activated and cease the operation. For details, follow the instructions as described in the outdoor unit Installation Manual.

### 5. INSTALLATION CONFIRMATION

After completing the installation, make sure that the unit operates properly during the trial run.