



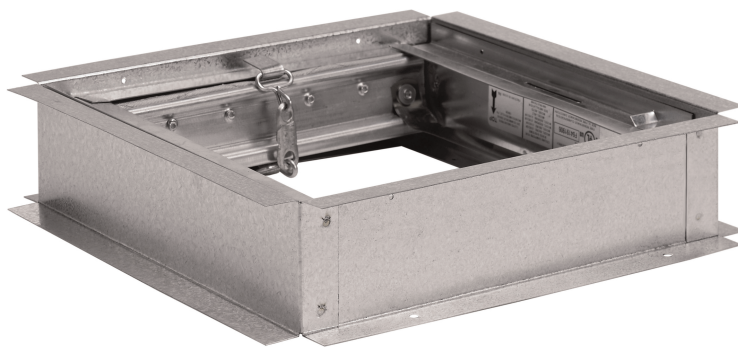
Installation, Operations, and Maintenance instruction

EN

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# Ceiling Radiation Damper — Small

Radiation Damper for PRO, Simple, and Select Fit Series Ceiling Exhaust Fans



# 1 Introduction

## 1.1 Product Description

This product is a Ceiling Radiation Damper with a metal casing. If there is a fire, it will close automatically when the heat in the air reaches 175°F (79°C) to contain the fire.

This product is UL classified for use in up to 3 hour rated floor/roof ceiling designs.

## 1.2 Intended Use

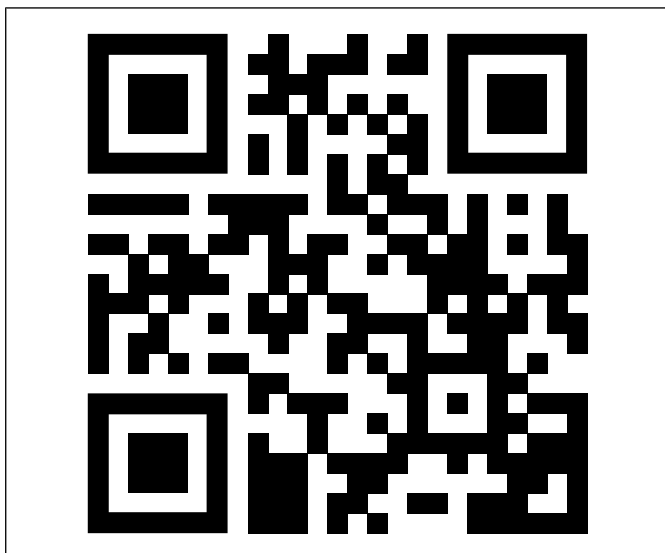
Use this product only in the manner intended by Fantech. If you have any questions, please contact a Fantech representative.

## 1.3 Document Description

This document contains instructions for installation, operation and maintenance of the product. The procedures must be done by approved personnel only.

Speak to a Fantech representative for more information on how to install the product in different installation locations.

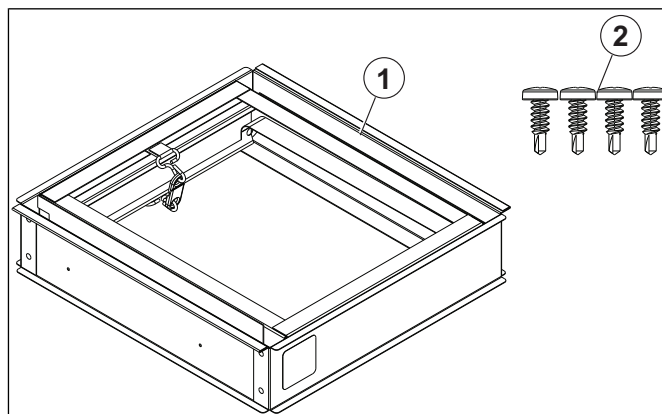
## 1.4 Fantech Warranty



Make a scan of the code above to access Fantech's warranty in English, French, or Spanish. This product has a 1 year warranty.

If additional support is needed to retrieve the warranty, visit [fantech.net](http://fantech.net); call (800) 747-1762 (US), (800) 565-3548 (Canada), or +52 55 1328-7328 (Latin America); email [support@fantech.net](mailto:support@fantech.net); or mail us at 10048 Industrial Blvd, Lenexa, KS 66215 United States or at 50 Kanfläkt Way, Bouctouche, NB E4S 3M5 Canada.

## 1.5 Product Overview



1. Ceiling Radiation Damper
2. Screws, quantity 4

## 2 Safety

### 2.1 Safety definitions

Warnings, cautions and notes are used to point out specially important parts of the manual.



#### Warning

If you do not obey these instructions, there is a risk of death or injury.



#### Caution

If you do not obey these instructions, there is a risk of damage to the product, other materials or the adjacent area.

#### Note:

Information that is necessary in a given situation.

### 2.2 Safety Instructions



#### Warning

This product is intended for general ventilation use only. If you have questions, contact Fantech. To decrease the risk of fire, electric shock, or injury, read and obey the following warning instructions before you do work on the product:

- The ventilation contractor and the operator are responsible for correctly installing the product.
- When installing the product, obey all applicable local conditions and laws, and fire-rated construction codes and standards.
- When cutting or drilling into walls or ceilings, watch for electrical wiring and other hidden utilities to prevent damage.
- Do not clean the product with chemicals that can cause corrosion or water more than 60° Celsius (140° Fahrenheit).
- Do not let unwanted objects enter the product.

### 2.3 Personal protective equipment

Use personal protective equipment during all work on the product.

- Approved eye protection
- Approved protective helmet
- Approved hearing protection
- Approved protective gloves
- Approved protective shoes
- Approved work clothing

## 3 Installation

### 3.1 To Mount the Radiation Damper

#### Note:

This radiation damper is UL classified for use in up to 3 hour rated floor/roof ceiling designs.

#### Note:

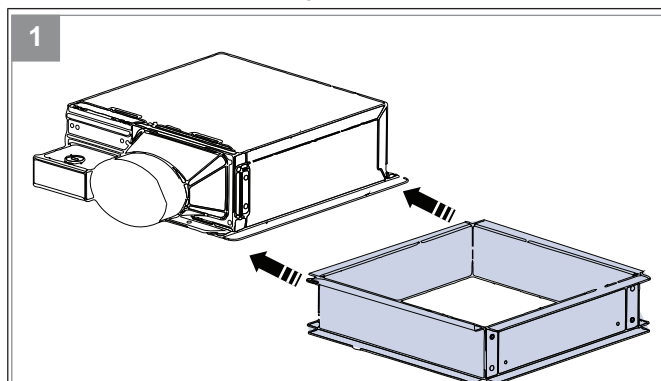
Make sure the arrow on the nameplate of the radiation damper points up.



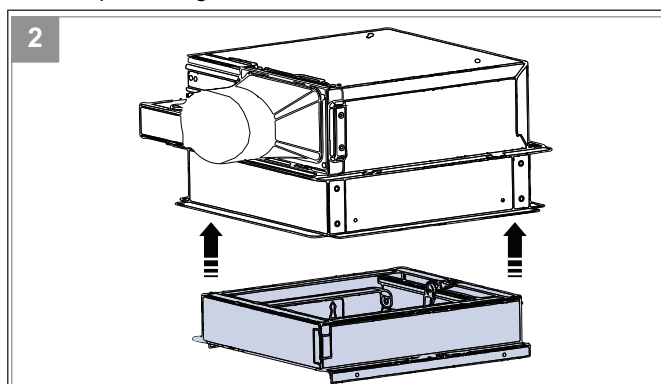
#### Caution

To avoid damage to exterior finishes and to allow for easier parts replacement, make sure screws are installed from the inside.

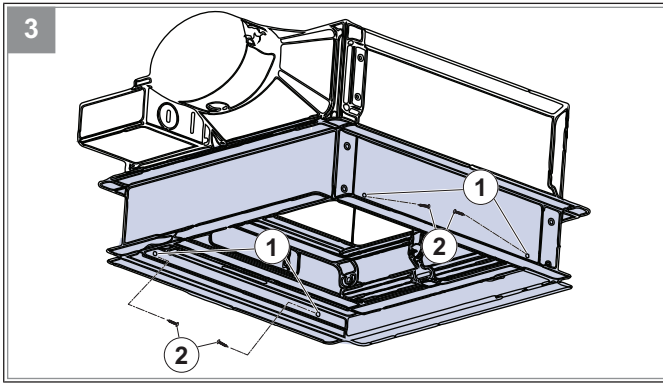
- 1 If the product has power, disconnect power at the source.
- 2 Engage the hemmed edges of the radiation damper casing onto the product's casing.



- 3 Align the (4) screw holes of the radiation damper with the (4) screw holes of the radiation damper casing.
- 4 With the arrow on the nameplate in the "up" position, engage the radiation damper with the bottom of the radiation damper casing.



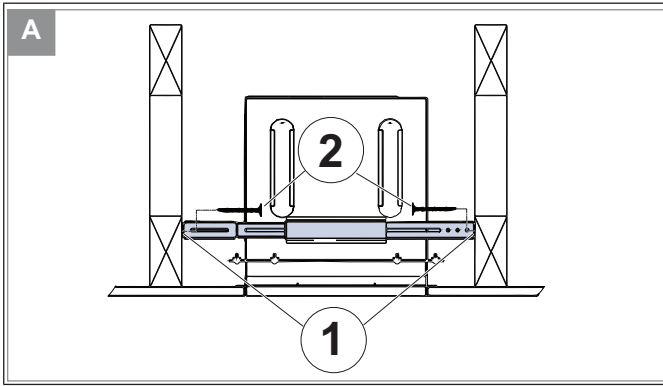
- 5 Using (4) screws provided with radiation damper assembly, attach radiation damper to the radiation damper casing.



1. Screw Hole
2. Provided Screws

**Note:**

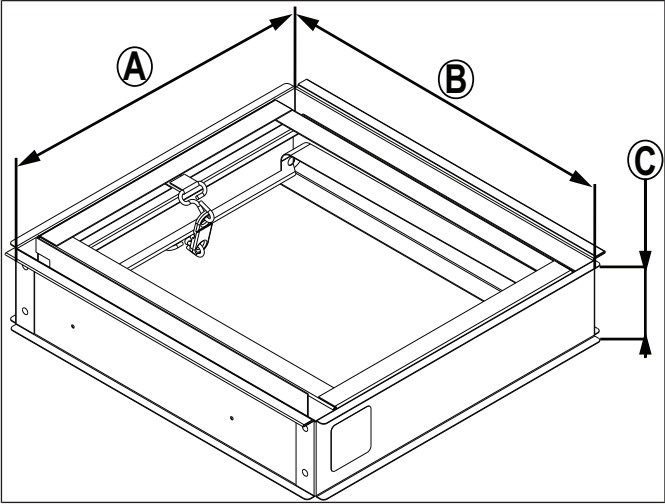
Before this product is mounted, make sure all personnel knows that installing the radiation damper will increase the size of this product. Adjust how this product is installed as specified in the applicable procedure.



1. Screw Hole
2. Screw

## 4 Technical data

### 4.1 Product Dimensions



**Note:**

Dimensions are given in inches (mm).

	A	B	C
Ceiling Radiation Damper — Small, #98599	12 (305)	12 (305)	2-1/2 (64)



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