

MANUAL – INSTALLATION

Spiral Duct Grille

SDG / SDGE

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PRICE[®]

SPIRAL DUCT GRILLE

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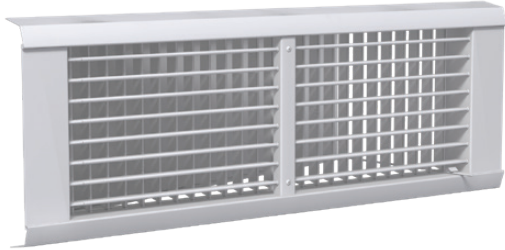
SPIRAL DUCT GRILLE

PRODUCT OVERVIEW

Product Overview

The Spiral Duct Grilles are highly versatile and designed to be mounted on round or spiral ducts without the use of transitions. It is available with single or double deflection supply and perforated return options.

SDG ▼



SDGE ▼

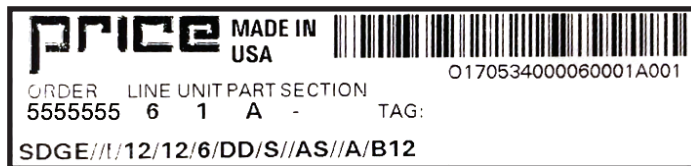


Before You Start

Inspect all cartons and boxes for flaws and shipping damage. If anything is discovered to be damaged, contact the shipping company and file a freight claim.

Getting Started

1. Remove the grilles from the shipping carton and inspect for any damages. The spiral duct grilles should have been supplied with screws.
2. Refer to factory label to make sure the spiral duct grille is sized properly for the round or flat oval duct. Refer to the submittal and How to Order Spiral Duct Grilles document under Literature for more information.



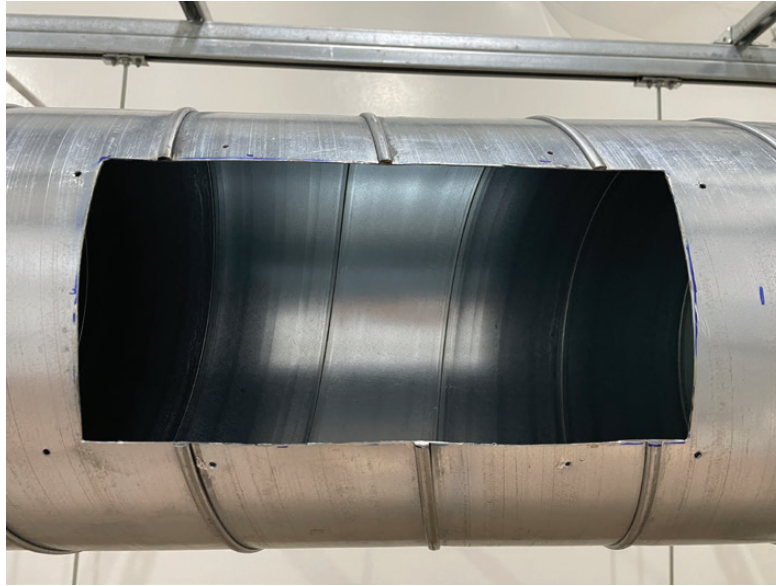
SPIRAL DUCT GRILLE

INSTALLATION & MOUNTING INSTRUCTIONS

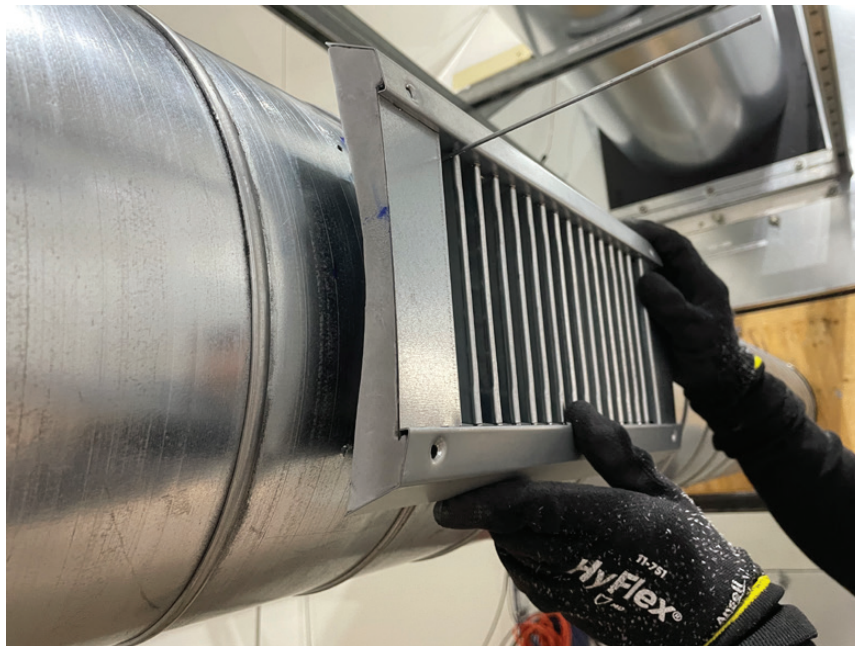
Installation & Mounting Instructions

Step 1: Make sure the correct spiral duct grille size is ordered for the existing round duct or flat oval duct.

Step 2: Cut the duct opening based on the nominal length and width specified on the spiral duct grille line string.



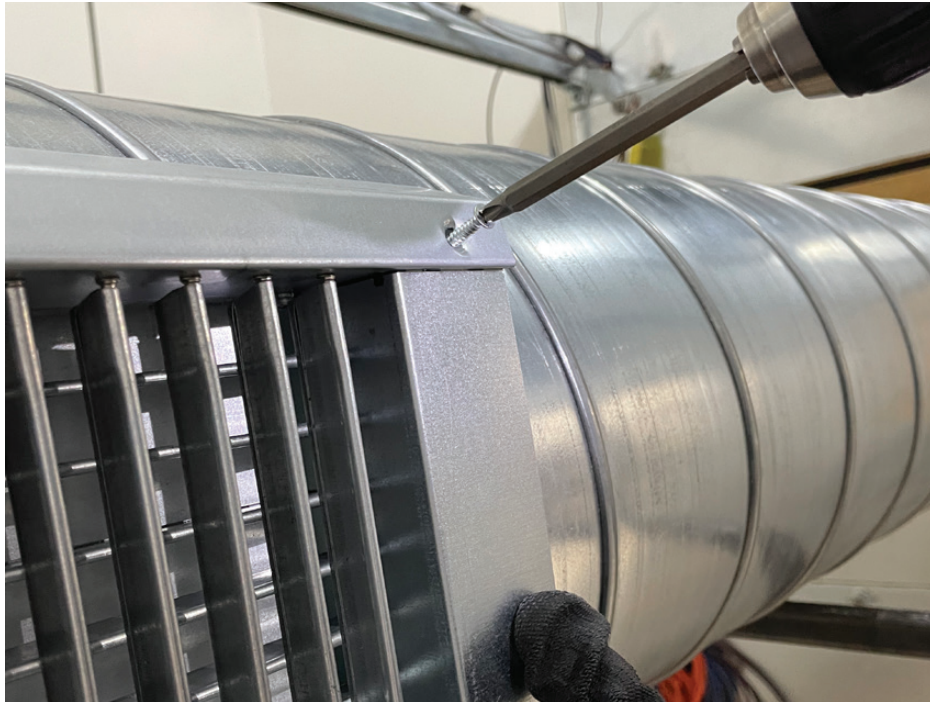
Step 3: Insert the spiral duct grille in the duct opening.



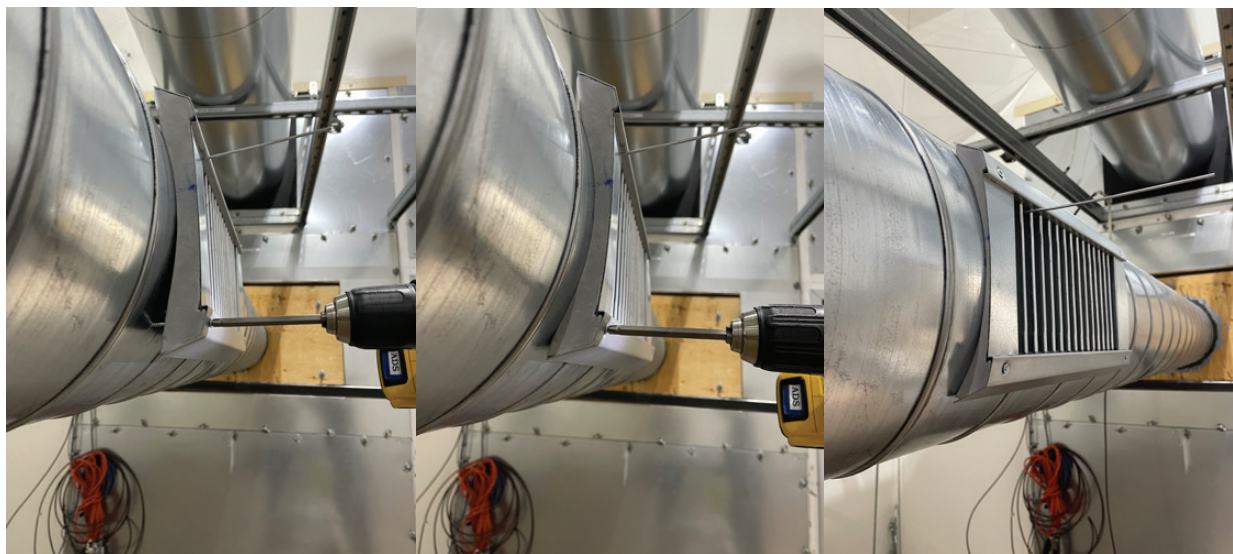
SPIRAL DUCT GRILLE

INSTALLATION & MOUNTING INSTRUCTIONS

Step 4: Use the supplied screws to fasten the spiral duct grille on the duct. Make sure the grille is levelled before tightening all the screws.



Step 5: Tighten the screws until the spiral duct grille is flush against the duct.



SPIRAL DUCT GRILLE

ACCESSORIES

Accessories

Instructions below is when the accessories (i.e. air scoop or opposed blade damper) are ordered separately. If the accessory is ordered with the grilles, the accessories are typically already installed on the spiral duct grilles.

Air Scoop Installation

NOTE: Install the air scoop on the spiral duct grille first before installing it on the duct.

Step 1: Align the air scoop holes with the spiral duct grille side frame.

Step 2: Use screws or rivets to fasten the air scoop on the neck.

AIR SCOOP WITH ROD OPERATOR ▼



Opposed Blade Damper Installation

Step 1: Make sure the correct opposed blade damper size is ordered. It should be based on the nominal size.

Step 2: Fasten the opposed blade damper with screws on the neck of the spiral duct grille.

NOTE: If ZZ clips are provided, use that to fasten the damper on the diffuser.

VCS3 OPPOSED BLADE DAMPER ▼



SPIRAL DUCT GRILLE

ACCESSORIES

Air Scoop Adjustment

Cable Operator: Use a screwdriver to rotate the cable operator clockwise to close the air scoop.

Rod Operator: Pull the rod operator to close the air scoop.

NOTE: it may require some force to pull on the rod due to the notches on the rod operator. Pushing on the spring clip from the face while pulling on the rod can help adjust the air scoop.

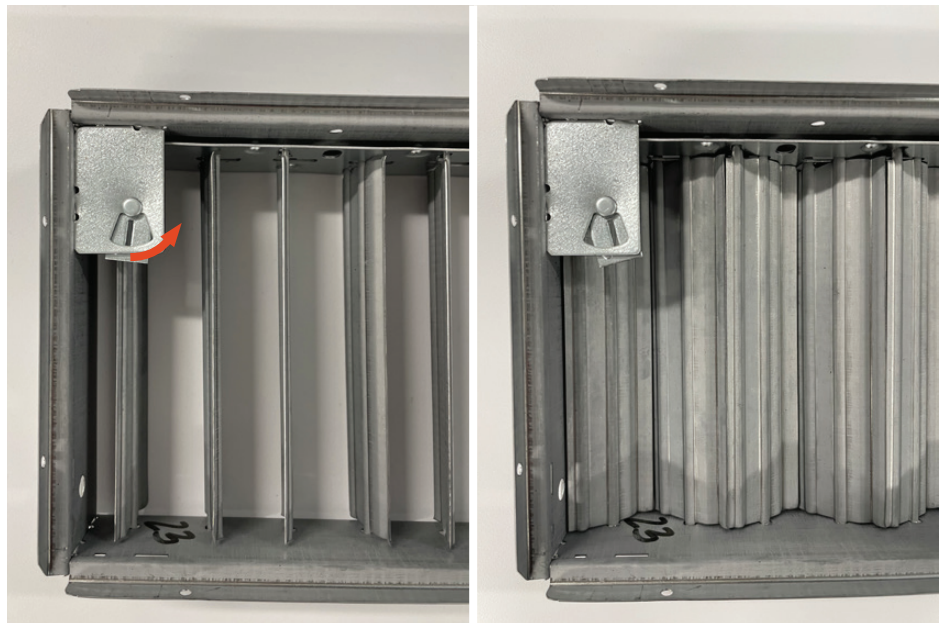
ROD OPERATOR ▼



VCS3 Opposed Blade Damper Adjustment

Use a screwdriver to adjust the damper operator.

VCS3 DAMPER ADJUSTMENT ▼



SPIRAL DUCT GRILLE

PART LIST

Part Name	Description	Order Model
AS	Air Scoop with Rod Operator (Aluminium)	GRD-PARTS
	Air Scoop with Rod Operator (Galvanized Steel)	
ASC	Air Scoop with Cable Operator (Aluminium)	GRD-PARTS
	Air Scoop with Cable Operator (Galvanized Steel)	
VCS3	Opposed Blade Damper	VCS3

This document contains the most current product information as of this printing.
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