

[Manuals.plus](#) /

› [POWERTEC](#) /

› POWERTEC 70126 4-Inch Inlet Flange Instruction Manual

POWERTEC 70126

POWERTEC 70126 4-Inch Inlet Flange Instruction Manual

Model: 70126

INTRODUCTION

This instruction manual provides comprehensive guidance for the proper installation and use of the POWERTEC 70126 4-Inch Inlet Flange. This connector is designed to facilitate efficient dust collection and ventilation in various workshop and DIY applications. Please read these instructions carefully before installation to ensure optimal performance and safety.

PRODUCT OVERVIEW

The POWERTEC 70126 Inlet Flange is a durable connector primarily used for attaching 4-inch ID dust hoses to machine ports or dust collection systems. Its robust ABS plastic construction ensures resistance to abrasion from wood chips and debris, making it suitable for demanding environments. The design includes pre-bored mounting holes for straightforward installation.



Figure 1: The POWERTEC 70126 4-Inch Inlet Flange, a black ABS plastic connector with a circular flange and cylindrical inlet.

SPECIFICATIONS

Feature	Detail
Model Number	70126
Size	4" Inlet Flange
Material	ABS Plastic
Color	Black

Connector Inner Diameter	3-23/32 Inches
Connector Outer Diameter	3-59/64 Inches
Flange Diameter	5-9/16 Inches
Item Dimensions (L x W x H)	5.5 x 5.5 x 2.5 inches
Item Weight	2.4 ounces
Included Components	1 x 4-Inch Inlet Flange

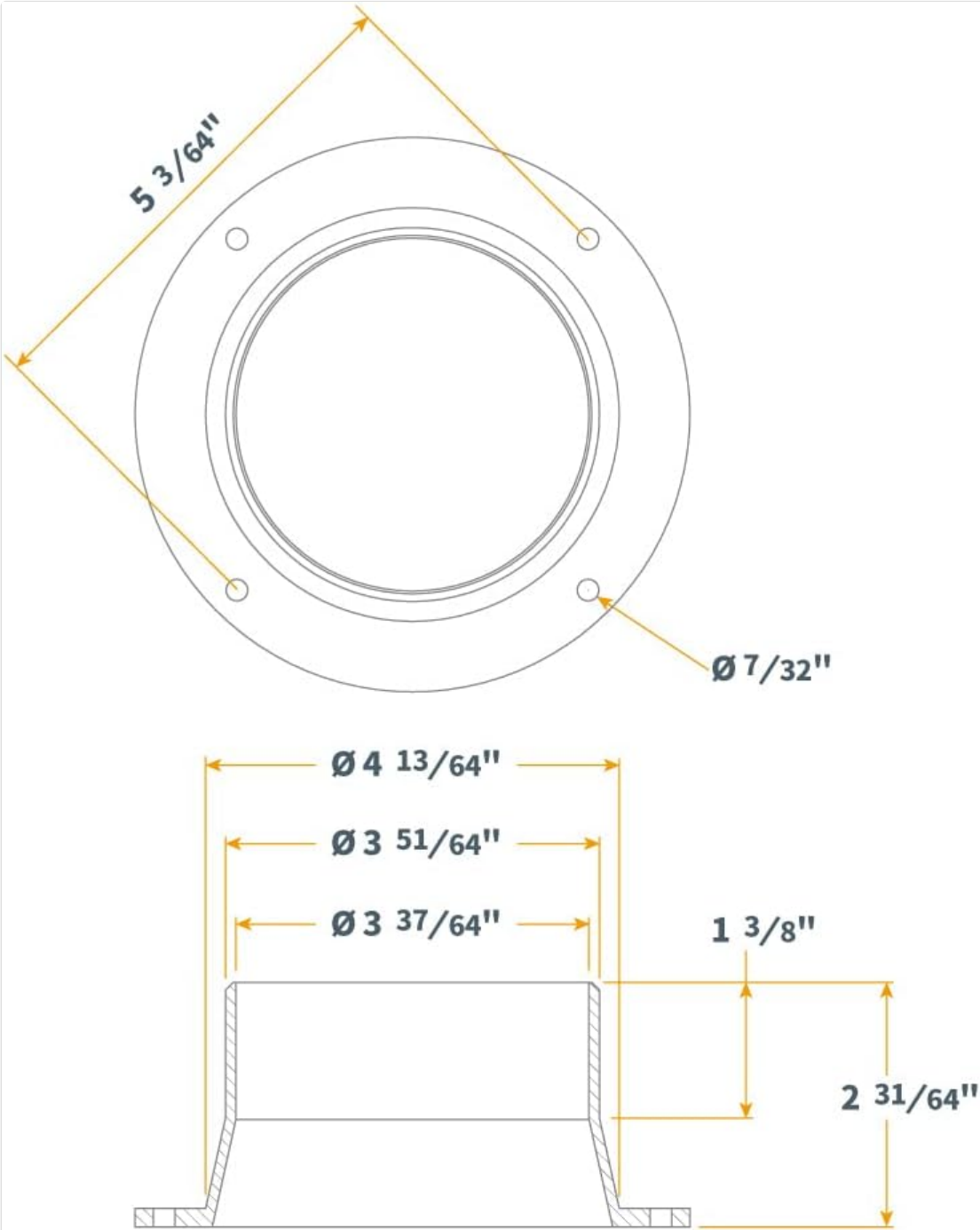


Figure 2: Technical drawing showing the dimensions of the 4-Inch Inlet Flange.

SETUP AND INSTALLATION

The POWERTEC 70126 Inlet Flange is designed for easy and secure attachment to various machines and dust collection systems. Follow these steps for proper installation:

1. **Prepare the Mounting Surface:** Identify the location on your machine or dust collection system where the flange will be installed. Ensure the surface is clean and flat.
2. **Drill Pilot Holes:** The flange features pre-bored mounting holes. Use these as a template to mark and drill pilot holes on your mounting surface. If working with MDF or particleboard, pre-drilling helps prevent splitting.
3. **Secure the Flange:** Align the flange with the drilled pilot holes. Use appropriate screws (not included) to securely fasten the flange to the surface. Ensure a tight fit to prevent air leaks.
4. **Connect the Hose:** The tapered port of the flange is designed to connect to a 4-inch ID dust collection hose. Slide the hose over the flange's port and secure it with a hose clamp (not included) for a firm connection.



Figure 3: An example of the 4-Inch Inlet Flange installed on a wooden panel, connected to a dust collection hose with clamps.

Video: Downdraft Table Assembly (featuring Inlet Flange installation)

Your browser does not support the video tag.

Video 1: This video demonstrates the assembly of a POWERTEC Downdraft Table Panel Kit (Model 75050), which includes the installation of the 4-inch inlet flange (Model 70126). It shows the steps for attaching the flange to the table structure.

OPERATING INSTRUCTIONS

Once the POWERTEC 70126 Inlet Flange is securely installed and connected to your dust collection system, its operation is integrated with the dust collector itself. Ensure all connections are tight before operating any machinery that generates dust. The flange acts as a passive conduit for dust and debris into your collection system.

- Verify that the dust collection hose is firmly attached to the flange and secured with a clamp.
- Ensure the dust collection system is powered on and functioning correctly before operating woodworking machinery.
- Regularly check for any blockages or leaks in the dust collection path to maintain optimal performance.

MAINTENANCE

The POWERTEC 70126 Inlet Flange requires minimal maintenance due to its durable ABS plastic construction. However, periodic checks are recommended to ensure continued efficiency:

- **Inspect for Damage:** Periodically check the flange for any cracks, chips, or signs of wear. While designed for durability, extreme impacts can cause damage.
- **Clean Connections:** Ensure the interior of the flange and the connected hose remain free of excessive dust buildup or blockages, which can reduce dust collection efficiency.
- **Check Fasteners:** Verify that all mounting screws and hose clamps remain tight. Re-tighten if necessary to maintain a secure and airtight connection.

TROUBLESHOOTING

If you experience issues with your dust collection system related to the inlet flange, consider the following:

- **Reduced Suction:**
 - Check for loose hose connections at the flange. Tighten hose clamps if needed.
 - Inspect the flange and hose for any blockages from large debris.
 - Ensure the dust collector itself is operating correctly and its filter is clean.
- **Flange Detachment:**
 - Verify that the mounting screws are securely fastened to the surface.
 - If the mounting surface is damaged, consider reinforcing it or relocating the flange.

WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or to purchase replacement parts, please visit the official POWERTEC website or contact their customer service department. Refer to your purchase documentation for specific warranty terms and conditions.

Manufacturer: Southern Technology LLC

Brand: POWERTEC

Website: Visit the [POWERTEC Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B00DJBXP5E>

More documents and user manuals: <https://manuals.plus/>