

Variable Output Air Supply

SF-9216

Introduction

The Variable Output Air Supply is exceptionally quiet, and its adjustable output lets you precisely match the air flow needed for a particular experiment. A 2.0 meter hose is included.

⚠ IMPORTANT: This Air Supply is intended to be used with the 2.0 m Air Track (SF-9214). If the device is used with another type of air track, the total area of the air flow holes must be greater than or equal to 2.6 cm^2 (0.4 in^2). Using the device with an air track with air flow area less than 2.6 cm^2 may cause the Air Supply to overheat and become damaged.



Operation

Setting up the Air Supply

Insert the short, thick-wall coupling on one end of the hose into the hole in the rear of the Air Supply. The other end of the hose, with the longer, thin-wall coupling fits into the hole of the 2.0 meter Air Track (SF-9214).

Connect the air supply to a wall socket. Turn the unit on with the power switch. Leave at least three inches of clearance around all sides of the blower for air intake and cooling.

If you wish to connect the Variable Output Air Supply to a Daedalon 1.5 m Air Track (triangular cross section, black color), you will need to wrap one or two layers of electrician's tape around the air coupling on the track. Once you have done so, the hose from the Air Supply will fit snugly over the coupling.

Adjusting the Air Supply

The air flow from the Air Supply can be easily adjusted by turning the knob on the front panel. Once the air track is set up and operating, adjust the air flow until a glider can just glide freely on the track. If the air flow is too low, the glider will touch the track and lose energy as it moves. Too much air flow may cause the gliders to move randomly in response to air turbulence around the track's surface, resulting in drift.

Fuse replacement

The fuse is a dual-element delay type. If the fuse needs to be replaced at any point, use *only* the following types of fuses as replacements:

- For the 110 V version of the apparatus, replace the fuse with an 8 A fast fuse.
- For the 220 V version of the apparatus, replace the fuse with a 5 A fast fuse.

Specifications and accessories

Visit the product page at pasco.com/product/SF-9216 to view the specifications and explore accessories. You can also download experiment files and support documents from the product page.

Technical support

Need more help? Our knowledgeable and friendly Technical Support staff is ready to answer your questions or walk you through any issues.

- 🌐 Web pasco.com/support
- 💬 Chat pasco.com
- ✉ Email support@pasco.com
- 📞 Phone 1-800-772-8700 x1004 (USA)
+1 916 462 8384 (outside USA)

Limited warranty

For a description of the product warranty, see the Warranty and Returns page at www.pasco.com/legal.

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Product end-of-life disposal



This electronic product is subject to disposal and recycling regulations that vary by country and region. It is your responsibility to recycle your electronic equipment per your local environmental laws and regulations to ensure that it will be recycled in a manner that protects human health and the environment. To find out where you can drop off your waste equipment for recycling, please contact your local waste recycle or disposal service, or the place where you purchased the product. The European Union WEEE (Waste Electronic and Electrical Equipment) symbol on the product or its packaging indicates that this product must not be disposed of in a standard waste container.

CE statement

This device has been tested and found to comply with the essential requirements and other relevant provisions of the applicable EU Directives.