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› YOTOO Hybrid Air Hose 1/2-Inch I.D. x 50-Feet Instruction Manual

YOTOO B08CCS86KN

YOTOO Hybrid Air Hose 1/2-Inch I.D. x 50-Feet Instruction Manual

Model: B08CCS86KN

1. PRODUCT OVERVIEW

The YOTOO Hybrid Air Hose is engineered for demanding applications, blending rubber and PVC for a heavy-duty yet lightweight design. It features a 1/2-inch inner diameter to ensure high airflow and minimize pressure drop over its 50-foot length. This hose is designed to be kink-resistant, lay flat, and offer zero memory, making it easy to handle and store. It comes equipped with solid brass 3/8-inch MNPT fittings on both ends and includes adapters for compatibility with 1/4-inch air lines.



Image 1.1: The YOTOO Hybrid Air Hose, 50 feet in length, shown coiled with its included solid brass fittings and quick coupler connectors.

2. SETUP AND CONNECTION

Proper setup ensures optimal performance and safety. Follow these steps to connect your YOTOO Hybrid Air Hose:

1. **Inspect Fittings:** Ensure the solid brass 3/8-inch MNPT fittings on both ends of the hose are clean and free from damage.
2. **Apply Thread Sealant:** For a secure, leak-free connection, apply appropriate thread sealant (e.g., PTFE tape) to the male threads of the hose and any adapters.
3. **Connect to Air Compressor:** Attach one end of the air hose directly to your air compressor's output port. If your compressor has a 1/4-inch NPT port, use one of the included 3/8-inch female to 1/4-inch male thread adapters.
4. **Connect to Air Tool/System:** Attach the other end of the air hose to your air tool or air distribution system. Use the appropriate quick coupler connectors (3/8-inch or 1/4-inch industrial) as needed for your tools.
5. **Secure Connections:** Hand-tighten all connections, then use a wrench to tighten an additional 1/4 to 1/2 turn. Do not overtighten.

Meets High Flow Air Tool Needs

Installed Larger 3/8" Industrial Quick Coupler & Plug



Image 2.1: A close-up view of the 3/8-inch industrial quick coupler and plug, designed for high-flow air tool needs.

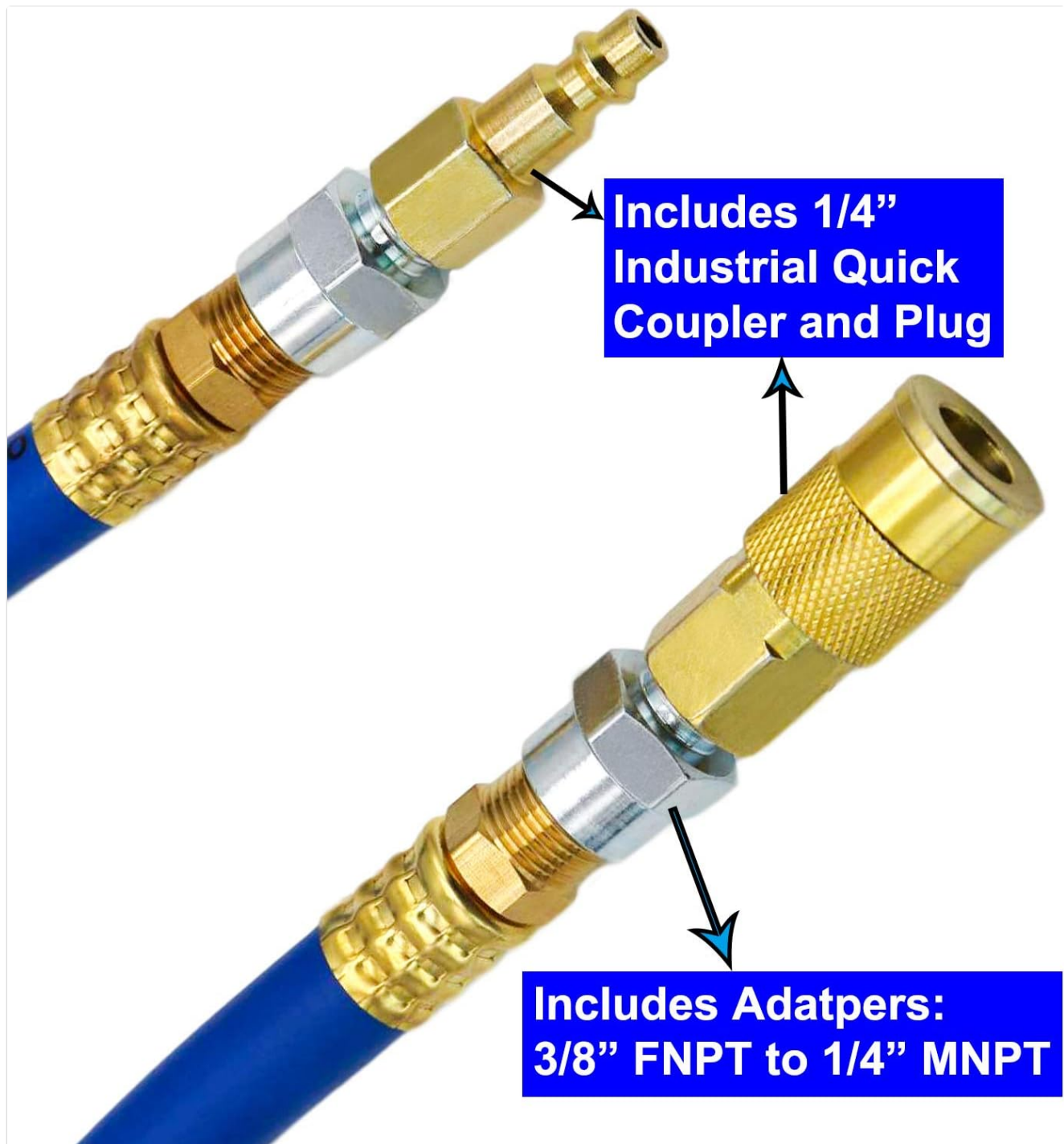


Image 2.2: The included 1/4-inch industrial quick coupler and plug, along with 3/8-inch FNPT to 1/4-inch MNPT adapters for versatile connections.

3. OPERATING INSTRUCTIONS

The YOTOO Hybrid Air Hose is designed for a maximum working pressure of 300 PSI and a bursting pressure of 1200 PSI. It maintains flexibility across a wide temperature range, from -40°F to 150°F.

- **Pressure Management:** Always operate within the specified working pressure of 300 PSI. Exceeding this limit can lead to hose failure and potential injury.
- **Airflow Optimization:** The 1/2-inch inner diameter is ideal for applications requiring high airflow, minimizing pressure drop and ensuring your air tools receive adequate power.
- **Versatile Use:** This hose is suitable for a wide range of applications in garages, workshops, industrial settings, and home use with various air tools such as impact wrenches, nail guns, and air compressors.



1/2-Inch Air Hose for Widely Use

Image 3.1: The 1/2-inch YOTOO Hybrid Air Hose shown in a typical setup with an air compressor, impact wrenches, and a nail gun, demonstrating its wide range of applications.

4. MAINTENANCE AND CARE

Proper maintenance extends the life of your air hose and ensures safe operation.

- **Regular Inspection:** Periodically inspect the entire length of the hose for cuts, abrasions, bulges, or other signs of wear. Check fittings for tightness and signs of corrosion or damage.
- **Avoid Kinks:** While designed to be kink-resistant, avoid sharp bends or prolonged kinking, which can weaken the hose material over time.
- **Proper Storage:** When not in use, coil the hose neatly and store it in a clean, dry place away from direct sunlight, extreme temperatures, and harsh chemicals. The hose's zero-memory design allows it to lay flat easily.

- **Temperature Range:** The hose is flexible from -40°F to 150°F. Operating or storing outside this range may affect its performance and durability.

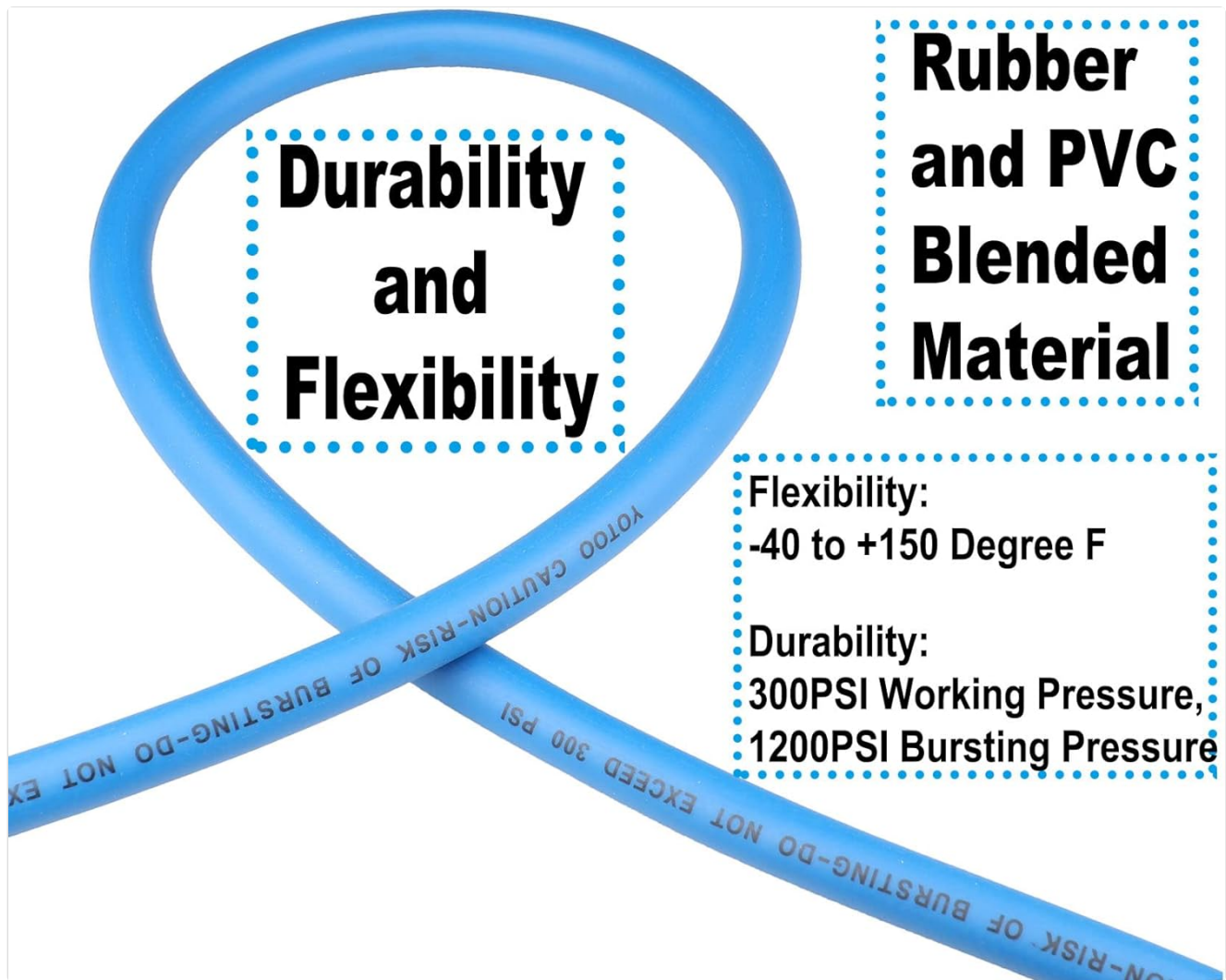


Image 4.1: A section of the YOTOO Hybrid Air Hose bent to illustrate its durability and flexibility, highlighting its blended rubber and PVC material.

5. TROUBLESHOOTING

Address common issues that may arise during use:

- **Low Air Pressure/Flow:**
 - Check for kinks or obstructions in the hose.
 - Ensure all connections are tight and leak-free.
 - Verify the air compressor is operating at the correct pressure setting.
 - Confirm the air tool's requirements match the available air supply. The 1/2-inch I.D. of this hose is designed to minimize pressure drop for high-flow demands.
- **Air Leaks:**
 - Listen for hissing sounds around fittings.
 - Apply soapy water to connections to identify bubbles indicating a leak.
 - Tighten loose fittings. If leaks persist, disassemble, reapply thread sealant, and reassemble.
 - Inspect the hose body for punctures or cuts. Replace damaged hoses immediately.

- **Hose Not Lying Flat:**
 - Allow the hose to uncoil and relax in a warm environment. Its zero-memory design should allow it to lay flat over time.
 - Ensure it is not stored in a tightly coiled or constrained position for extended periods.

Larger 1/2 Inch I.D for High Flow Demands



Image 5.1: A visual comparison highlighting the larger 1/2-inch inner diameter of the YOTOO air hose compared to a standard 3/8-inch hose, illustrating its capacity for high flow demands.

6. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	YOTOO
Model	B08CCS86KN
Material	PVC, Rubber, Brass
Color	Blue
Product Dimensions (L x W)	600 inches (50 feet) x 0.5 inches (I.D.)
Item Weight	7.39 pounds (3.36 Kilograms)
Maximum Working Pressure	300 PSI
Bursting Pressure	1200 PSI
Temperature Range	-40°F to 150°F
Fittings	3/8" MNPT Solid Brass (both ends)
Included Adapters	2pcs 3/8" Female to 1/4" Male Thread
UPC	657228964272

7. WARRANTY INFORMATION

This YOTOO Hybrid Air Hose comes with a **TWO YEAR WARRANTY**. For specific terms and conditions, please refer to the product packaging or contact YOTOO customer support.

8. SUPPORT

For further assistance, technical support, or inquiries regarding your YOTOO Hybrid Air Hose, please visit the official YOTOO store or contact their customer service department.

YOTOO Store: <https://www.amazon.com/stores/YOTOO/page/E9BF720C-4D3D-46DB-8E4F-A209F3DBE2AA>

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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.

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