

# How to Connect your Drufomat Scan or Drufosmart to a Compressed Air Supply

- 1 Carefully unpack the unit.
- 2 Locate the supplied blue hose with the 1/4" Male-NPT fitting on one end.
- 3 Insert the bare end of the hose into the fitting located under the power switch on the back of the machine.



Push hose completely into fitting.

- ? Proceed with the option that best fits your needs. Does your existing air supply have:
- A: A Quick-Connect Fitting?
  - B: A Threaded Connection?
  - C: Existing Tubing?

## A: If you have a Quick-Connect Fitting:

- A4 Choose the correct adapter. We have provided adapters for two of the more common types of connections: industrial-type and ARO-type.

Identify if your quick-connect fitting is an industrial-type or an ARO-type by testing to see which of the provided adapters fits.



A4a  
Industrial-type adapter



A4b  
ARO-type adapter



A4c  
Industrial-type quick-connect fitting

- A5 With the hose connected to the machine, thread the proper adapter onto end of the hose with the 1/4" Male-NPT fitting. Use wrenches to tighten enough to prevent leaks.

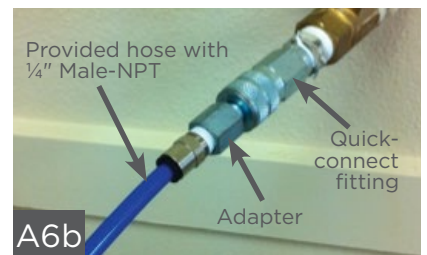


A5  
Industrial-type adapter attached to the hose

- A6 Connect adapter to existing quick-connect fitting attached to your air supply.



A6a



A6b

Note: For best results use white plumber's tape on all threaded connections.

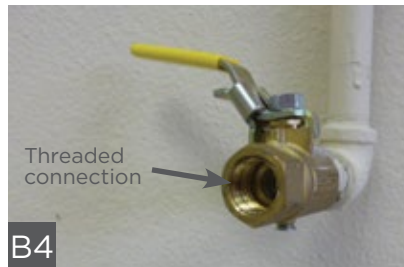
## B: If you have a Threaded Connection:

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### B4 Identify the size of your threaded connection.

Note: The example shown here is a valve with a 1/2" Female-NPT. The most common sizes for Female-NPT fittings are: 3/8", 1/2", and 3/4".

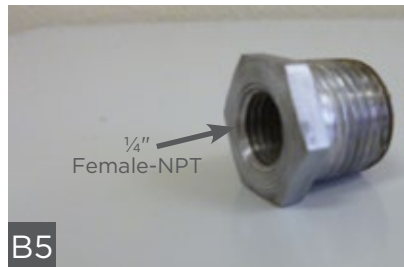


B4

Existing air supply

### B5 Source a suitable reducing bushing that will fit into your threaded connection and reduce down to a 1/4" Female-NPT fitting from the plumbing section of a local hardware store.

Note: The exact type of reducing bushing will vary depending on connection size, but you will always need to reduce down to 1/4" female threads. The most common sizes for Reducing Bushings are: 3/8" Male-NPT x 1/4" Female-NPT, 1/2" Male-NPT x 1/4" Female-NPT, and 3/4" Male-NPT x 1/4" Female-NPT.

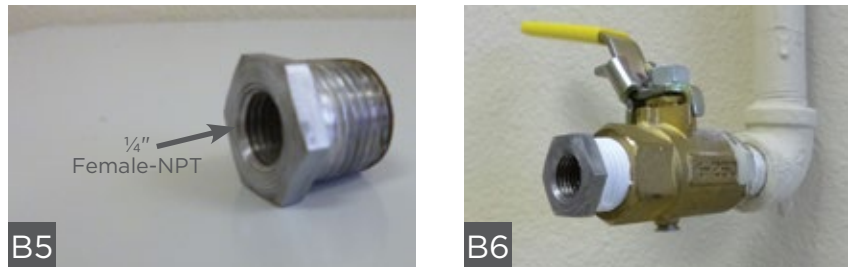


B5

Reducing bushing

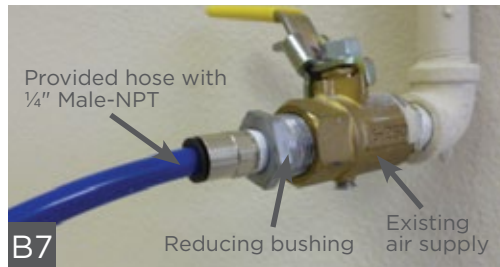
### B6 Install the reducing bushing into the threaded air supply connection.

### B7 Connect the end of the provided blue hose with the 1/4" Male-NPT fitting into the reducing bushing.



B6

Installed reducing bushing



B7

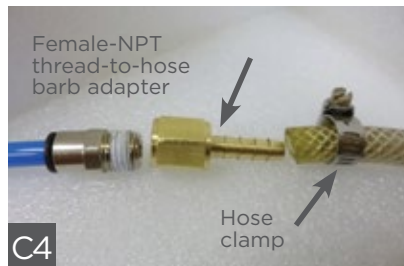
Completed connection

## C: If you have Existing Tubing:

### C4 Source a 1/4" Female-NPT thread-to-hose barb adapter and a hose clamp from the plumbing section of your local hardware store. The size of the barb and hose clamp will depend on your existing tubing.

### C5 Thread the barbed adapter onto the supplied fitting on the end of the new hose. Tighten with wrenches to prevent leaks.

### C6 Slide the hose clamp over your existing tubing, then push the tubing over the barbed fitting. Tighten the hose clamp securely to prevent leaks.



C4



C5



C6

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