



# How To: Sprinkler System Blow-Outs

## Why?

Blowing out, also known as winterizing, your sprinkler system is the process of clearing the system of water before hitting freezing temperatures. Doing this every year before winter will keep your system running better and longer. Not only that, but water left in the pipes of your sprinkler system can freeze which could cause the pipes to expand and crack. Water left in the system's backflow device can also freeze and damage the internal components of the entire system. For these reasons, it is crucial to blow out the system every year.

## Tools Needed

**Air Compressor** - For small to mid-sized residential systems you can get by with a 100CFM (Cubic Feet Per Minute) air compressor. When doing larger residential or commercial systems you will want at least a 150CFM air compressor.

**NOTE: The air compressor should NEVER exceed 80 PSI (Pound-Force Per Square Inch) when doing sprinkler system blow-outs!**

**Air Hose** - The size and length of air hose needed will depend on your compressor selection and placement.

**Air Hose Adapter(s)** - You will need air hose adapters to connect the hose to your

sprinkler system as well as the air compressor you are using.

**Safety Eyewear** - You should always wear eye protection when working with compressed air.

## Step-by-Step Process

### *1 - Connect Air Hose to System*

- Close off both valves on the backflow preventer.
- Remove the plug on the blow-out port and insert the required adapter.
- Connect air hose to the adapter.



### *2 - Connect Air Compressor*

- Connect the other end of the air hose to the air compressor.
- Make sure the port you are using on the air compressor is open.

### *3 - Blow-out The Lines*

- Turn the air compressor on.
- Open one zone of the sprinkler system.
- Once the sprinkler heads are only blowing out air, close the current zone and open another.
- Repeat until this has been completed on all zones.

# 4- Blow-out The Lines Again

- After letting the heads cool down, it is recommended go back and blow-out each zone one more time. This ensures most of the water is cleared out of your system.

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### **110CFM Air Compressor with Blow-out Kit**

#### **Includes:**

- **110CFM Compressor**
- **1 50' Air Hose (3/4")**
- **12 Piece Connector Kit**

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#### **Includes:**

- **185CFM Compressor**
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