

# QUICK START GUIDE

## 120R - DRY PIPE SPRINKLER COMPRESSOR [TWO MODELS]



### WARNING

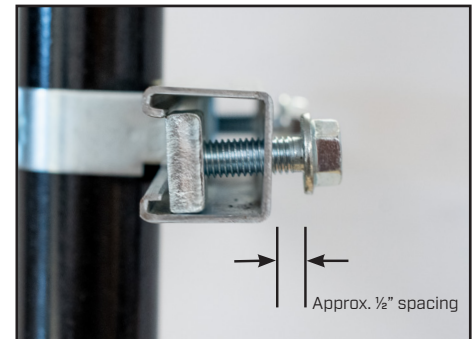
Please read the O&M manual completely before installing and using the product. Save this guide and the O&M manual for future reference.

### 120R-200S INSTALLATION - RISER MOUNT

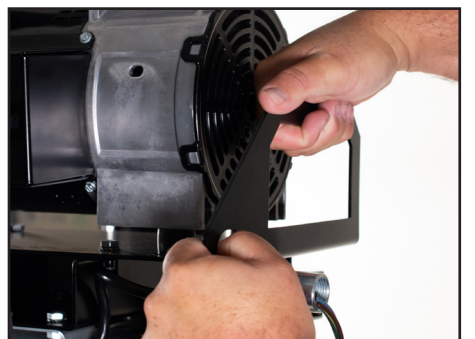
INCLUDED ITEMS	RECOMMENDED TOOLS FOR INSTALL
<ul style="list-style-type: none"> <li>• Riser Mount System w/ Bottom Strut Channel Attached</li> <li>• 24" Long Connecting Hose • Top Strut Channel (in box)</li> <li>• Pipe Clamps With Bolts/Nuts • Inlet Filter</li> <li>• Operating Manual</li> </ul>	<ul style="list-style-type: none"> <li>• 3/4" Socket &amp; Wrench</li> <li>• 9/16" Wrench</li> <li>• Adjustable Wrench</li> </ul>



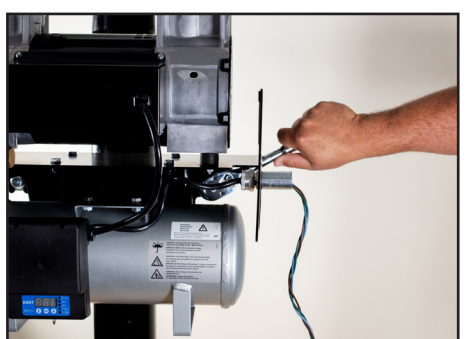
**1** Use the included (shipped loose) top channel strut, install using the proper sized clamps for the riser pipe diameter. A kit of clamps is included with every unit. Make sure the top strut channel is level and secure clamp bolt & nut.



**2** The bolt length will ensure there is enough space between the bolt head and channel strut to allow the system frame to mount in between before tightening.



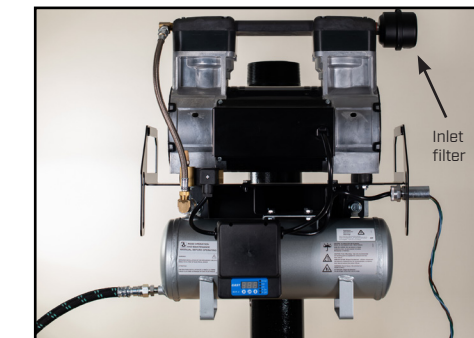
**3 CAUTION: THIS IS A TWO PERSON LIFT.** Hold the system by the hand cutouts, carefully hang the frame on the channel strut. Ensure both tabs on the frame are secured between the bolt heads and channel strut.



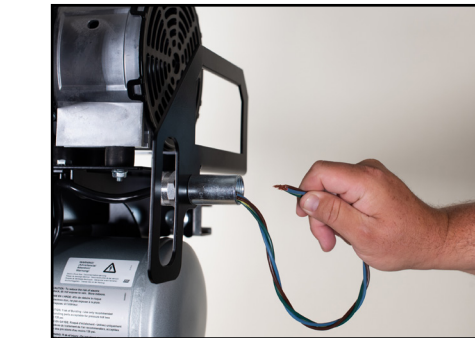
**4** Using a 3/4" socket or wrench, tighten both bolts. Confirm the frame is securely attached to the channel strut.



**5** Slide the second set of pipe clamps into the bottom channel strut already attached to the system. Secure clamp bolt & nut. [Adjustable wrench and 9/16 wrench]



**6** If using, attach the supplied connecting hose to the 3/8" threaded outlet. Secure flange nut on hose using adjustable wrench. Remove the plastic plug from the compressor head port, install the provided inlet filter in the same port, hand tightening.



**7** Complete the installation by having a certified electrician make the electrical connections. Once power is applied, the compressor will run until factory set cut out pressure\* (125 psi) is reached.

**120R-200S RISER MOUNT INSTALLATION VIDEO**

#### PRESSURE SWITCH FACTORY SETTINGS

**120R-200S** - Riser Mount 50 psi cut in / 125 psi cut out\*

**120R-200T** - Tank Mount 75 psi cut in / 125 cut out\*

\*Airflow output of this 120R Compressor exceeds 5.5 cubic ft/min. at 10 psi. Per NFPA-13 requirements an air maintenance device will be required for supervisory air pressure settings.

Please call our Technical Support Team directly at 269-934-1296 or email us at: KASUPPORT@IDEXCORP.COM

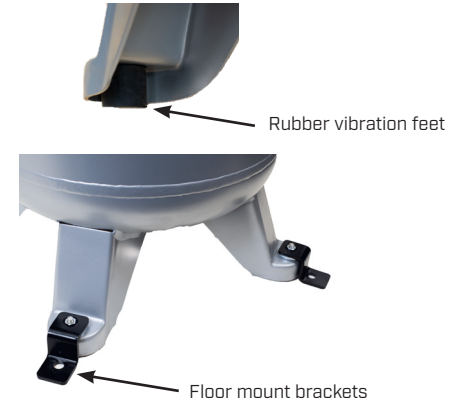
### 120R-200T INSTALLATION - TANK MOUNT

INCLUDED ITEMS	RECOMMENDED TOOLS FOR INSTALL
<ul style="list-style-type: none"> <li>• 20 Gallon Tank Mount System w/ 2hp Compressor</li> <li>• 24" Long Connecting Hose • Inlet Filter • Operating Manual</li> <li>• Rubber Vibration Isolation Feet (attached)</li> <li>• Floor Mount Brackets (attached to skid, see below)</li> </ul>	<ul style="list-style-type: none"> <li>• Adjustable Wrench</li> </ul>

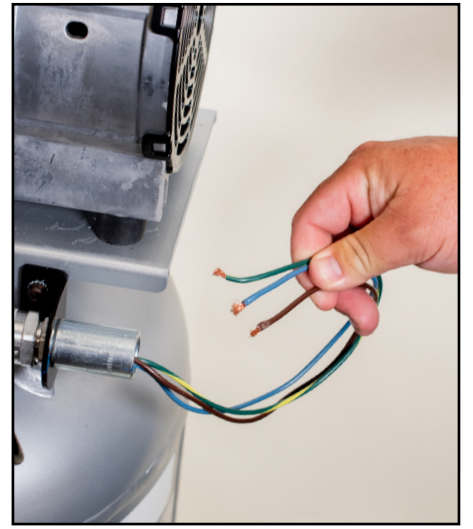
#### Set system in place.

This system includes rubber vibration isolation feet to prevent movement.

If permanent floor mounting is desired or required, use provided floor mount brackets (attached to skid) to secure the system to the floor. Concrete anchors not included.



**1** If using, attach the supplied connecting hose to the 3/8" threaded outlet. Secure flange nut on hose using adjustable wrench. Remove the plastic plug from the compressor head port, install the provided inlet filter in the same port, hand tightening.



**2** Complete the installation by having a certified electrician make the electrical connections. Once power is applied, the compressor will run until factory set cut out pressure\* (125 psi) is reached.