

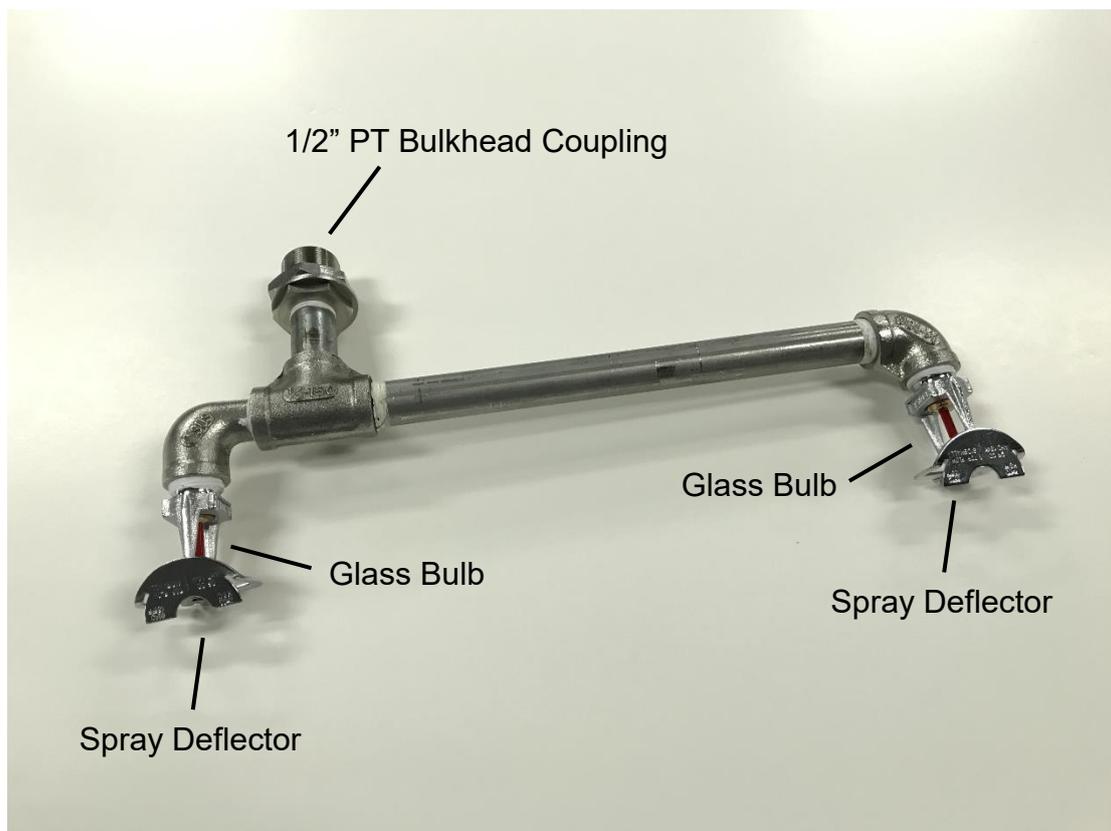
## Flame Sprinkler System Installation Guide

Laser cutting and engraving operations using the flame sprinkler system protects the operator, machine, and the work products from potential fire hazards. During the engraving process, flaming may occur when working with combustible or easily-flammable materials, such as paper or wood. The flame sprinkler system is an optional item that automatically ejects gas to extinguish flames when they reach 68°C/155°F moments after the onset of the fire.

### WARNING

Flame sprinkler system cannot guarantee 100% extinguish the flame, never leave the machine unattended during the laser cutting and engraving process.

### Flame Sprinkler System View



### **Flame Sprinkler System Spec.**

Response element and temperature: Fusible alloy@68°C (155°F)

Working pressure range: 0.1-1.2Mpa

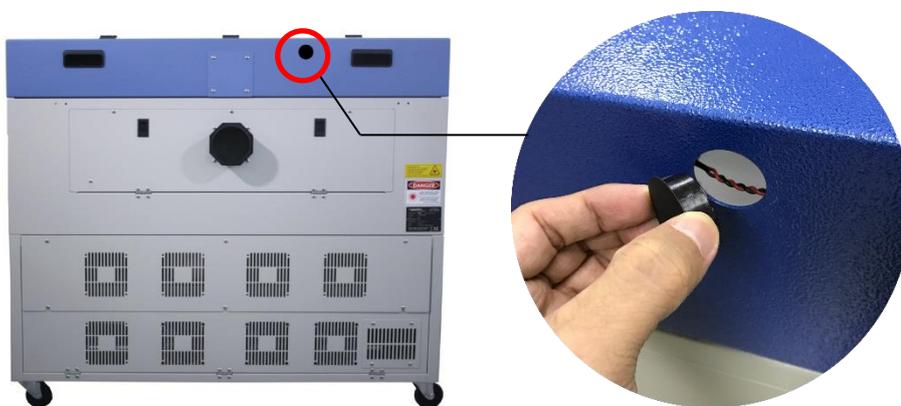
Bulked coupling: 1/2" PT

### **Recommended Gas**

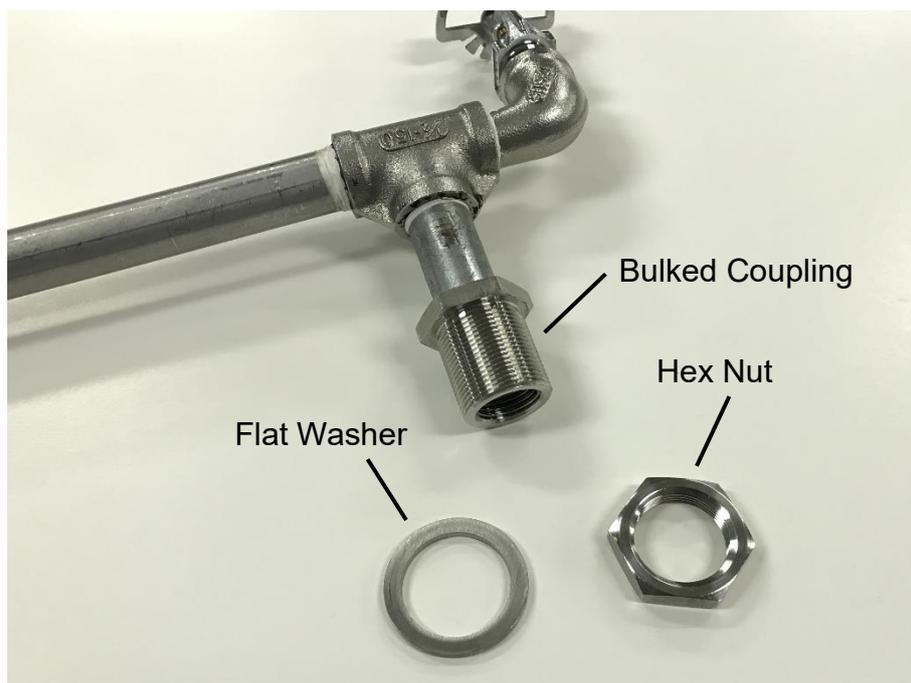
CO2	N2	Dry Powder
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### **Installation**

Remove the flame sprinkler system cover located on the back of the machine.



Release the hex nut and flat washer from the side of the bulkhead female coupling.



Insert the bulkhead coupling into the hole of the flame sprinkler system.



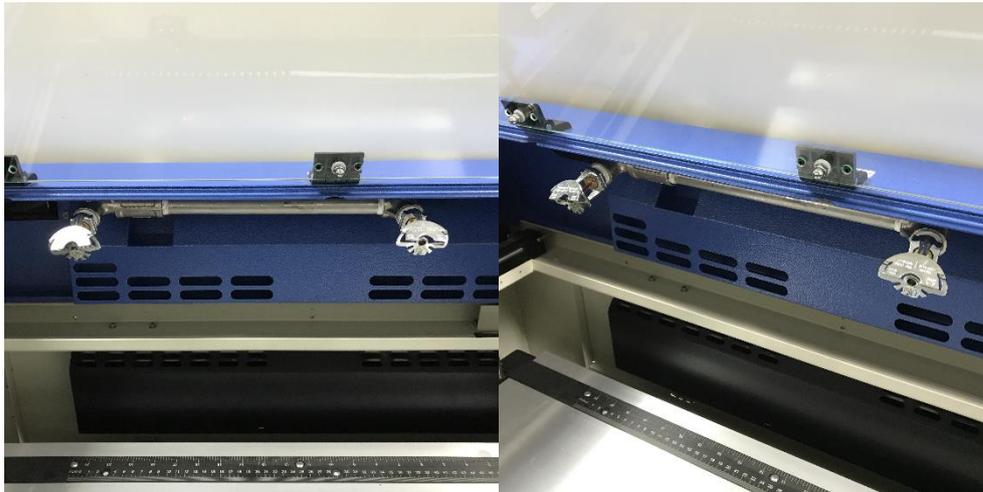
Insert the flat washer to bulkhead coupling.



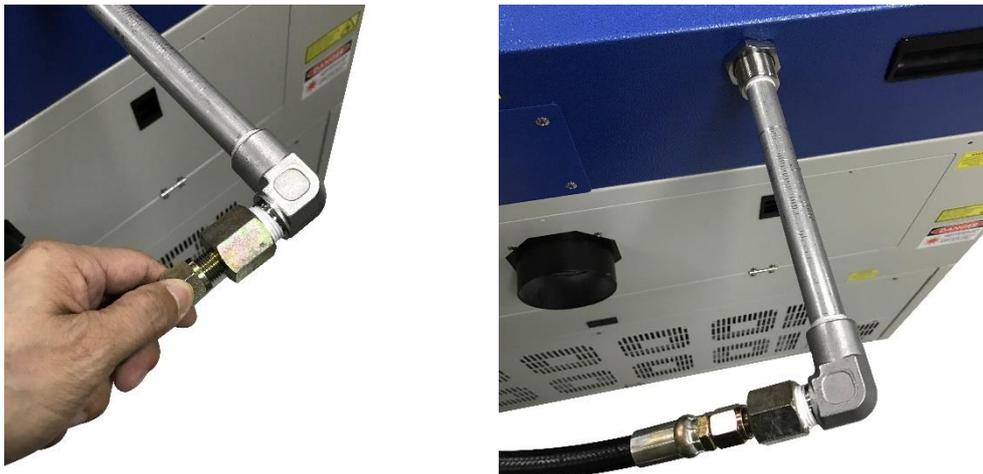
Fasten the hex nut with a movable wrench.



Installation is complete.



Connect the air tube to the bulkhead coupling.



#### NOTE

- The dimension of the Bulkhead female coupling is 1/2" PT; adapters might be needed for connection with your air tube.
- Using the flame sprinkler system together with the SmartGUARD fire alarm device is advised to notify the operator through audio warnings and automatically shut down current operation.

Part #: MGA-290096590G

Description: Sprinkler, Flame Sprinkler System for: Spirit Si, SLS

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Working pressure range: 0.1-1.2Mpa | Bulkhead coupling: 1/2" PT

Recommended Gas: CO2/N2/Dry Powder