



**Blender** INC.  
**Products**

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# D-SERIES GAS BLENDER OWNER'S MANUAL

INSTALLATION, OPERATION AND MAINTENANCE (IOM)  
MANUAL





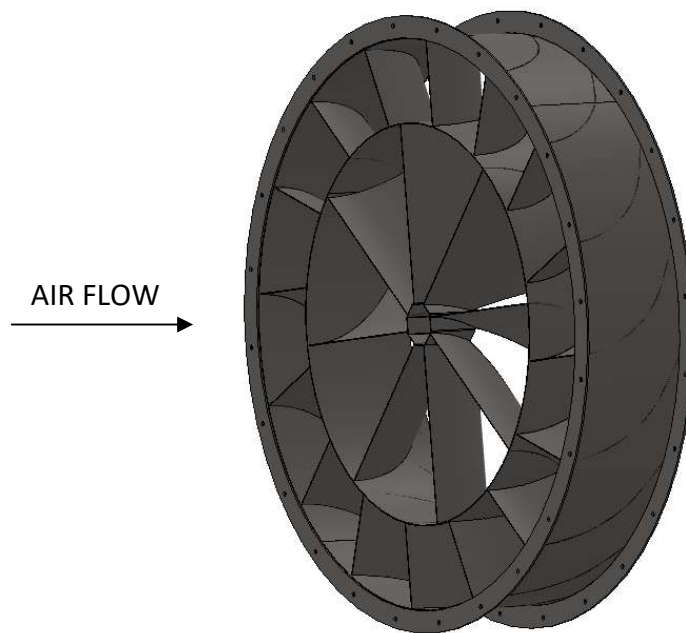
## INSTALLATION, OPERATION, & MAINTENANCE

### Handling and Storage Instructions:

The D-Series Gas Blender is shipped in a wooden crate/pallet. The crate/pallet can be transported with a pallet-jack or fork-lift. The crate should not be stacked on top of to prevent damage to the crate and or the Blender. The Blender should be stored indoors where possible.

### Installation Instructions:

The D-Series Gas Blender is provided with a flange on both the inlet and outlet side of the mixer. Use the flanges to connect the blender to the duct using the appropriate size fasteners. Each D-Series Gas Blender is delivered with a directional flow arrow on a sticker adhered to the outside of the mixer. Observing the directional flow arrow, install the mixer in line with the duct. Supply gasket material between mating flanges to assure an air-tight seal. No specialty tools are required for installation or operation. Provide adequate structural support when installing and operating the Blender.



### Operation:

Turn on the system fan and flow air through the Gas Blender. In appropriate applications, the Gas Blender is designed to mix stratified air streams to a more even temperature, velocity, and concentration. The Gas Blender is a static device with no moving parts, so it is off when the system fan is turned off and is on whenever the system fan is turned on.



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**Maintenance:**

There are no electronic controls and no moving parts to the Gas Blender. It is constructed of welded steel and does not require any maintenance under standard operation. A periodic visual inspection is advisable to check for any damage to the Gas Blender. This can include but is not limited to erosion, cracking, or deformation of the blades or welds. It is recommended that this visual inspection be performed on an annual basis or when the system is offline and other components in the duct are also inspected and/or maintained. If damage is observed, contact Blender Products, Inc to determine if a replacement Gas Blender is necessary.

**Spare Parts list:**

The D-Series Gas Blender is one, welded component. It does not require any spare parts.

## CONTACT INFORMATION

Please contact the factory with any questions regarding application, or the contents of this owner's manual.

BLENDER PRODUCTS, INC.  
16600 E. 33<sup>rd</sup> Drive Suite 30  
Aurora, CO 80011

[www.blenderproducts.com](http://www.blenderproducts.com)

Toll free: 800.523.5705