

## Air-MAX 12D BLOWER



Material transfer blower package.  
 Compact design for easy mobility.  
 Gardner Denver CycloBlower, for  
 performance and reliability.

### Standard Equipment

Blower - Gardner Denver positive displacement  
 helical-lobe 12" cycloblower with oil level  
 site window.

Motor - Deutz 4.5L Tier 4 Diesel Motor.

Direct Drive - Baldor Raptor Flywheel driven  
 coupler.

Discharge Check Valve - 3" Eliminates back-flow of  
 material into the blower.

Relief Valve - Auto reset pressure relief valve set at  
 18 psi which protects blower from over  
 pressure.

Air Pressure Gauge - 3" Liquid filled dial.

Skid Mounted - with fork lift pockets

Controls - Electronic control panel showing oil pres-  
 sure, temperature, RPM

Fuel gauge

| Model              |  | 12D       |     |     |
|--------------------|--|-----------|-----|-----|
| Performance        |  |           |     |     |
| Rated Pressure PSI |  | 8         | 12  | 16  |
| Air Flow CFM       |  | 650       | 640 | 610 |
| Motor              |  |           |     |     |
| Size               |  | 72 HP     |     |     |
| RPM                |  | 1950 RPM  |     |     |
| Diesel Motor       |  | 4.5 Liter |     |     |

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Operational Instructions for a DSS Airflow diesel blower:



First confirm the blower has diesel fuel. The fuel fill is located on the right side of the unit and the gauge is located to the left of the display

Second make sure the 3" hot hose is connect from the blower to the tank. Before starting the blower make sure there no valves closed between the blower and storage tank. **NEVER START A BLOWER AGAINST BACK PRESSURE.**



Once that is checked go ahead and start the blower. Turn the key

Use the speed control to run the RPM's up to 2800  
—Rabbit = high RPM  
—Turtle = lower RPM

The blower has a 18psi pressure relief valve if it goes off you need to check your line air and make adjustments to lower the pressure.

**\*\*The line air gauge is located to the right of the display**

The blower is designed for intermittent use .  
We recommend no more then 2hr of continuous use.  
The blower needs to cool down.

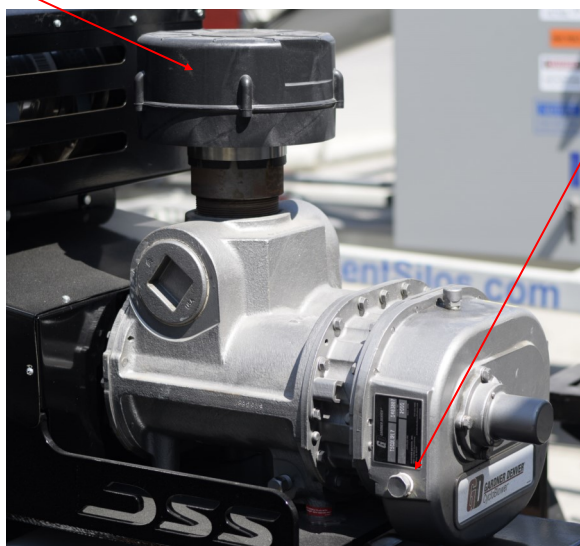
General use keep an eye on the temp/oil pressure gauges etc. to make sure the motor is in good working order.

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### General Maintenance:

**\*\*See owners manual for motor and blower on specific's**

We use a Pre-Cleaner on our blower inlet, this is a small propeller spinning to keep dust and debris out.  
**DO NOT STICK ANYTHING UP INTO THE PRECLEANER.**



Keep an eye on the blower oil level– The oil should be 1/2 full in the sight glass.

The oil should be changed every 1000hrs of use, Less if used under hi heat conditions.

SEE MANUAL FOR OIL TYPE AND TROUBLE SHOOTING ISSUES.

The blower is equipment with a Baldor Raptor coupling that has a replaceable element. If the motor is running and the blower is not first check the coupling between the motor and blower.

### Replacement parts:

Baldor Raptor Motor mount TA4207 1 3/4"

Baldor Raptor coupling element E-50

Gardner Denver Blower T5CD9L -Truck style blower –mounted horizontal

18psi Pressure relief valve - VAPR18-2

3" Check valve -VAC3-FF