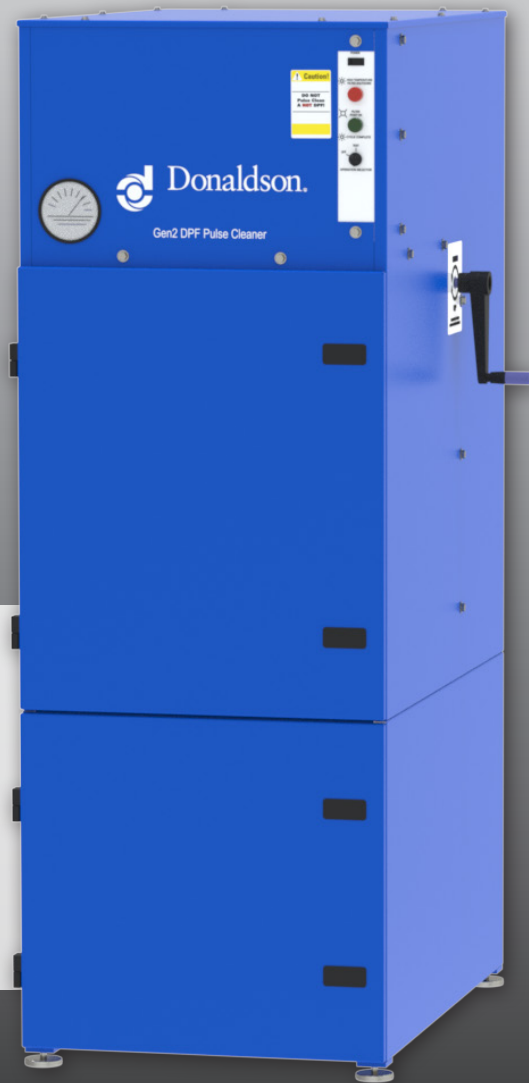




Gen2 Heavy-Duty Diesel Engine DPF Pulse Cleaner



Donaldson DPF patented pulse cleaner allows truck and bus fleets to clean their own DPF's and eliminate the cost of cleaning by a third party.

(Part No. X009981)

A simple, automated process that quickly and safely cleans diesel particulate filters

Diesel particulate filters (DPF) require routine cleaning to remove ash that builds up over time.

Most vehicles using a DPF system will have an on-board filter service monitor to indicate the filter condition and guide your DPF cleaning schedule.

(IN SHORT)

Ideal for truck and bus maintenance facilities.

This unit is designed to clean the DPF by removing ash and soot in less than 20 minutes. It has no special power requirements and saves the on-going expense of a filter cleaning service.

Donaldson recommends using the pulse cleaner along with a thermal regenerator for best filter cleaning.

Features

- ▶ Uses high-volume, low-pressure pulse to dislodge unburned soot/ash from the DPF
- ▶ Captures soot/ash in disposable ash receptacle
- ▶ Self-contained cleaning system prevents contaminant from escaping into ambient air during operation
- ▶ Short process time - 20 minutes or less
- ▶ Unique universal DPF adapter accommodates Donaldson and other DPFs (11-15" diameter and 11.5-20" length)
- ▶ Adapters for other DPF sizes and unique shapes are available
- ▶ Standard electrical connection
- ▶ Installation time - approximately 1 hour
- ▶ Unit shipped with an installation, operation and maintenance manual and training video on DVD

Specifications

SIZE, WEIGHT AND CLEARANCE

28" Width x 43" Depth x 79" Height

Clearance requirement: 4" on left side; 12" on right side for crank handle and 12" on the back side for filter service.

Unit Weight: 700 lbs

ELECTRICAL AND COMPRESSED AIR REQUIREMENTS

Standard connection: 120V-15 amp

Clean, dry compressed air source: 90 PSI minimum shop air at 4 CFM

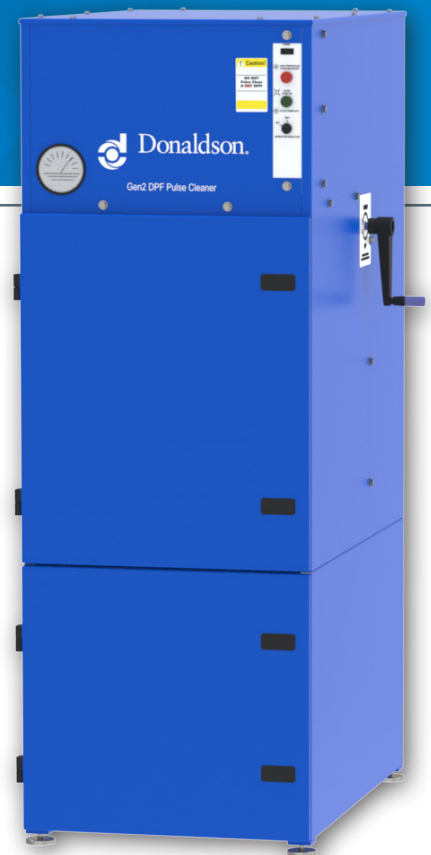
FINISH (interior and exterior)

Hi-gloss, powdered coating finish

STANDARD REPLACEMENT PARTS

Ash Receptacle

Ash is a very fine particulate and requires care when handling. For convenience during service, use the cap included with the new ash receptacle to contain the contaminant during disposal and handling. The ash receptacle must be replaced when the life test pressure reading is above 2" H₂O on the pressure gauge.



Part No. X009981



Ash Receptacle with Cap

Donaldson Gen2 DPF Pulse Cleaner

DPF Pulse Cleaning Steps

- ▶ Remove the DPF from the vehicle
- ▶ Place DPF on lift table and secure
- ▶ Test and record DPF pressure level
- ▶ Initiate pulse cleaning cycle
- ▶ Test and record DPF pressure level
- ▶ Re-install DPF

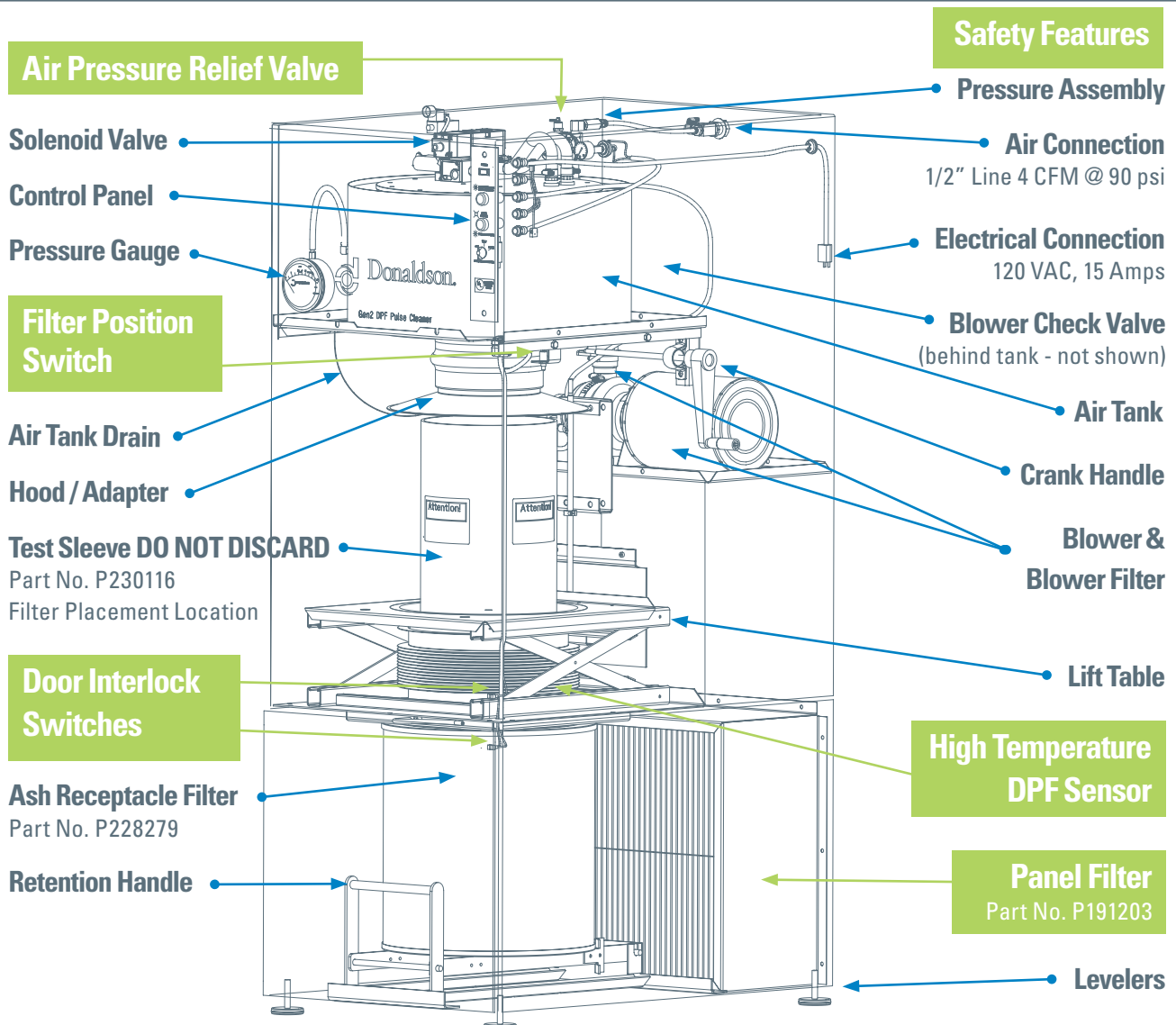


Pressure Gauge

The pressure gauge, located on the front top panel of the Donaldson Gen2 DPF Pulse Cleaner, is just one indicator for determining filter cleanliness and the service life of the ash receptacle filter. The pressure gauge measures restriction from 0-25" H₂O.

Control Panel

Power Switch turns power on (re-set)/off
High Temperature Lockout flashes when sensor detects HOT filter and shuts down.
Filter Position Indicator illuminates when the filter is properly positioned. The light will flash when PULSE cycle complete.
Operation Selector Switch
TEST - used to determine the relative restriction of the DPF and ash receptacle filter.
PULSE - Starts the pulse cleaning cycle.



Why the Donaldson DPF Cleaning System is Your Best Choice!

Simple and easy to operate

- ▶ Automated controls
- ▶ Built-in safety mechanisms
- ▶ Enclosed system
- ▶ Training DVD included - learn how to operate this unit in less than 15 minutes
- ▶ Complete documentation packages

Cleans both active and passive DPF emissions devices

- ▶ Unit built to clean DPF sizes 11-15" diameter and 11.5-20" length
- ▶ Adapters available to accommodate DPFs with unique shapes and other sizes

Compatible with any round ceramic or silicon carbide DPF

Especially those used in:

- ▶ Retrofit programs (e.g. U.S. EPA and ARB)
- ▶ On road trucks and buses complying with EPA 2007 & 2010
- ▶ Off-road machinery

Quick return on investment

- ▶ Ideal for vehicle maintenance facilities that service diesel-powered engines or vehicles
- ▶ Return on investment within 50 filter cleanings

Many years of experience

- ▶ Designed and built by Donaldson – based on proven Donaldson Torit® technologies
- ▶ Durable construction
- ▶ Backed by field service support



Scan to watch
THE VIDEO



DPF Thermal Regenerator



If you're considering the Donaldson Pulse Cleaner, you may also be interested in the Donaldson DPF Thermal Regenerator.

DPF filters will plug over time and require a high-temperature cleaning cycle (thermal regenerating) that bakes off the contaminant and unburned hydrocarbons.

For more information on the DPF thermal regenerator, request brochure number F111182 or visit our web site at www.donaldson.com/emissions.



Donaldson Company, Inc.
Minneapolis, MN

www.donaldson.com/emissions

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