

DIESEL PRO[®] 243

PRODUCT DATA SHEET

DAVCO DIESEL PRO 243 for refrigeration units is an all-in-one fuel filter, water separator, and fuel pre-heater for reefer units with flow rates up to 60 gallons per hour.

The Diesel Pro 243, with an optional pre-heater, will keep the engine running in any weather conditions.

“SEEING IS BELIEVING”[®] functionality and the clear cover on top provides enhanced fuel system troubleshooting and a clear indication of when to change the fuel filter.

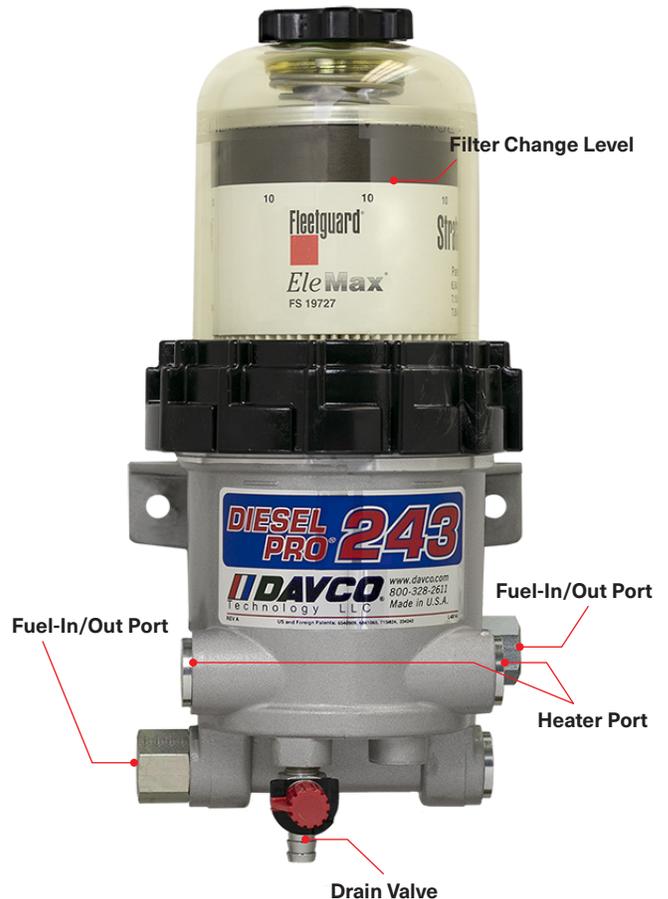
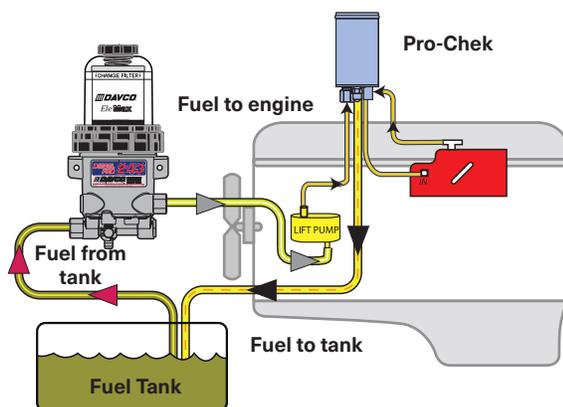
Applications

- Any diesel engine used in refrigeration applications with fuel flow rates up to 60 gph

Models and Options

- Base Model - Unheated
- Electric Heat
 - 12VDC or 24VDC Pre-heater

Typical Installation



Pro-Chek

- Required for Refrigeration Application
- Eliminates air for ease of restarting after filter change or out of fuel condition.



A Clariance Technologies Company

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DIESEL PRO® 243

Specifications

Height, Overall	13 in. (330.2 mm)
Depth, Overall	5.8 in. (147.3 mm)
Width, Maximum	6.3 in. (160.0 mm)
Weight, Dry	7.7-8.5 lbs.
Filter Service Clearance, Minimum	3.5 in. (88.9 mm)
Fuel Flow, Maximum	60 gph
Electric Pre-heater	12VDC 195W or 12VDC 155W
Overnight heater	120VAC, 75 W, .65 A

Filtration Performance

Micron	7
Coarse Water Removal (%)	99.6
Emulsified water removal (%)	98.9
Dirt holding capacity (grams)	118

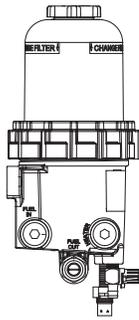
Port Interface

Fuel In	½"-14 NPTF
Fuel Out	½"-14 NPTF

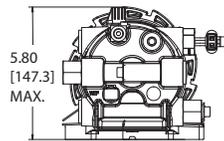
Dimensions

Dimensions are in inches [millimeters]

Mounting hole distance: 5.25 [133.4]
 Mounting hole openings: .400-.408. [10.16-10.36]

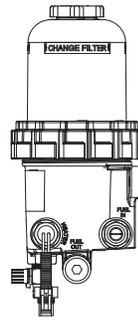


LEFT

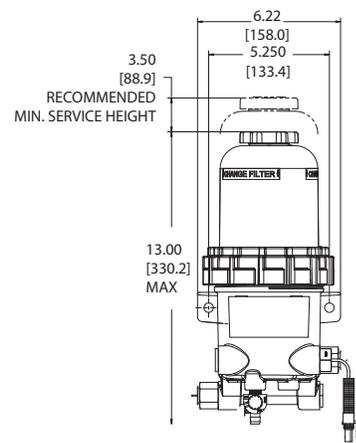


5.80
[147.3]
MAX.

BOTTOM



RIGHT



FRONT

“SEEING IS BELIEVING”®



When new, the fuel level in the filter will be very low with minimal restriction. As the filter is used, contaminants collect on the filter from the bottom up. Fuel rises on the filter indicating remaining filter life.



Fuel level increases in clear cover. As contaminants collect on the filter, the fuel rises to a non-contaminated section of the filter, providing optimal filtration while maintaining lowest restriction.



Fuel level at filter wrap level. Even though the fuel level is now more than half of the filter element, the fuel is still flowing through clean media at minimal restriction levels. The filter still has significant life remaining.



The filter element is now completely covered by fuel. At this point, all of the media's surface area is utilized. Restriction is increasing and the filter element should be changed at the next scheduled maintenance interval.

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