



DOC-N25-PE

DESCRIPTION OF EQUIPMENT:

The KLEENTEK Electrostatic Oil Conditioner with 'PE' configuration is a self-contained, dedicated oil cleaning system designed for installation on phosphate ester hydraulic and lubricating systems. The system is wired for 120VAC/1ph/60Hz. An integral power transformer provides 10-12 KVDC to the main electrode in the cleaning chamber, producing a high potential electrostatic field between the electrode and the ground surface of the collector. As the oil passes through the cleaning chamber, flowing upward through the pleated collector and parallel to the electrode and ground surfaces, suspended contaminants as small as sub-micron are forced by the voltage field against the pure cellulose collector media and removed from the oil.

The model DOC-N25-PE utilizes a solid-state digital control panel for unit operation and status. A seven segment LED display is provided to indicate alarm condition, unit run time in hours, and remaining collector life. Controls are also provided for pump/motor rotation, as well as indicators for proper operation.



Specifications: DOC-N25-PE

Electrostatic Chamber Capacity:	5.1 Gal (19.3 L)
Flow Rate:	1.5 GPM (5.7 LPM)
Maximum Fluid Operating Temperature:	140°F
Ambient Operating Temperature Range:	32°F to 120°F * -10°F to 120°F with optional 03-10517-150 Panel Heater Kit
Maximum Water Content in Oil:	500 PPM (Options available for >500 PPM)
Electrical Enclosure Rating:	NEMA-4
Dimensions:	
Width:	15.75 in (40.0 cm)
Length:	26.9 in (68.3 cm)
Height:	30.38 in (77.1 cm)
Weight:	Shipping = 125 Lbs (56.8 Kg) Operating = 163 Lbs (74.2 Kg)
Power Supply and Usage (Maximum):	115V – 1 PH - 60 Hz, 640 Watts *790 Watts with optional 03-10517-150 Heater Kit
Electrostatic Voltage:	10-12 KV
Electrostatic Voltage Cut Off:	3 KV (High Fluid Conductivity or Loaded Collector)
Quantity of Collector Cartridge per Set:	1
Collector Element Part Number:	60-0518
Collectors Replacement Interval:	1000-3000+ hours of typical use (Somewhat shorter during clean-up phase or high load applications)
Seals:	Viton