



Pall Corporation

HNP006 Series

FLUID CONDITIONING PURIFIER

Fluid viscosities to 700cSt

Reliability of systems, the life of system components and fluids can be extended by minimizing water contamination.

The 'Pall' HNP006 Purifier is designed to remove water from oil in low volume systems or where access for conditioning equipment is limited

Benefits of the Pall HNP006 Purifier

- **High performance** water, gas and particulate removal
- **Simple** automated operation
- Extension of fluid life
- Purification of system fluids
- Increased equipment reliability
- Minimized corrosion within systems
- Reduced fluid disposal
- **Reduced operating costs**



Pall HNP006 Portable Oil Purifier (front view)



Pall HNP006 Portable Oil Purifier (rear view)

Pall purifiers remove 100% of free water and in excess of 80% of dissolved water. They also remove 100% of free and entrained gases and in excess of 80% of dissolved gases.

The Pall HNP006 fluid conditioning purifier can be used as a fixed installation or portable unit that is easily moved and connected to any fluid system.

This compact purifier design is based on the existing range of fluid conditioning products. It's size and weight allow for ease of handling through restricted openings and can be located close to existing systems where space is limited.

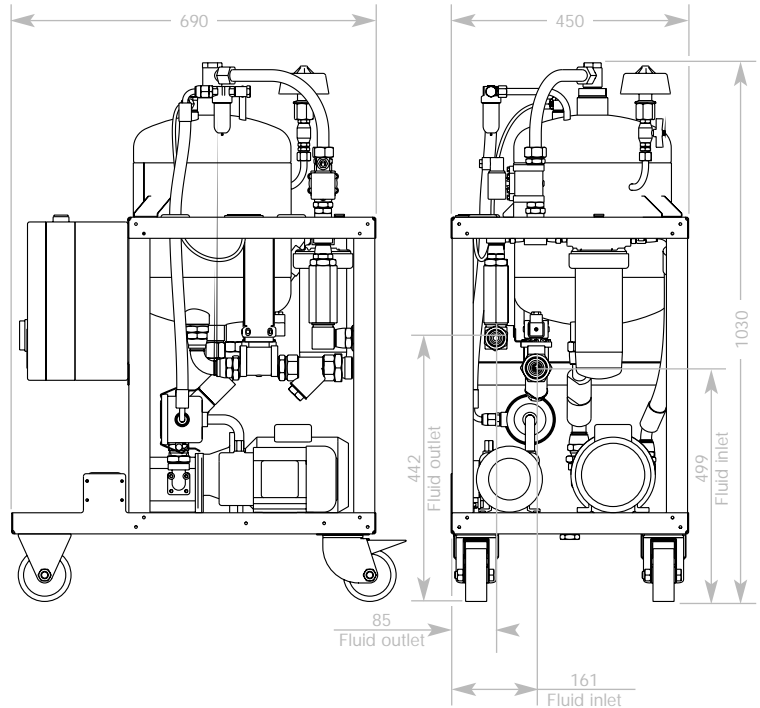
General Specification

Dimensions: 19.7in x 24.8in x 40.6in
 Dry mass: 165Lb
 Inlet connections: 1 1/4" NPT
 Outlet connections: 1" NPT
 Recirculation Flow rate: 67 gal/hr

Inlet pressure: 145 psi maximum
 Outlet pressure: 100 psi maximum
 Service temperature: +50°F to +158°F
 Fluid viscosity: 3000 SUS maximum
 Operating vacuum: -0.6 to -0.8 barg [adjustable]
 Power supply: 120V 60Hz single phase
 Total Motor power: 1Hp

Materials of Construction

Base frame, vessel: 304 Stainless steel
 Threaded fittings, fasteners: Zinc plated carbon steel
 Control box: Polycarbonate
 Hoses: Fluorocarbon
 Seals: Fluorocarbon



Ordering Information

Purifier Part Number:

HNP006 6

Replacement Element Part Number:

HC9600F 8 Z

Replacement Air Breather Element

R01F400

Other options available on request.

Table 1. Voltage

Code	Voltage
F	110 VAC / 60 Hz

Table 2. Element Rating

Code	Rating (μm) ($\beta_{x(c)} \geq 1000$)
KP	5
KN	7
KS	12
KT	22

Table 3. Seal Option

Code	Test Fluid
H	Mineral Oil
Z	Industrial Phosphate Ester

Table 4. Mounting Option

Code	Option
C	Mobile
N	Static



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