



## HNP006 Series Fluid Conditioning Purifier

### Fluid viscosities to 700cSt

Reliability of systems and 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

- High performance water, gas and particulate removal
- Simple automated operation
- 120V single phase electric connection
- Extension of fluid life
- Minimized corrosion within systems
- Increased equipment reliability
- Reduced operating costs



*Pall HNP006 Portable Oil Purifier (front 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 removed and connected to any fluid system.

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



*Pall HNP006 Portable Oil Purifier (rear view)*

## General Specifications

Dimensions:	690 mm x 450 mm x 1030 mm (27.2" x 17.7" x 40.6")
Dry Mass:	69 kg (152 lb)
Inlet Connections:	1 1/4" NPT
Outlet Connections:	1" NPT
Flow Rate:	4.5 lpm (1.2 gpm)
Inlet Pressure:	10 bar g (150 psi) maximum
Outlet Pressure:	7 bar g (100 psi) maximum
Service Temperature:	10°C to 70°C (50°F to 158°F)
Fluid Viscosity:	700 cSt maximum
Operating Vacuum:	-0.6 to -0.8 bar g (adjustable)
Power supply:	120 V, 60 Hz single phase

## Materials of Construction

Base Frame, Vessel:	304 Stainless Steel
Control Box:	Plastic
Hoses:	Fluorocarbon
Seals:	Fluorocarbon

## Ordering Information

Purifier Part Number = HNP006 H6\*\*ZXYL10

Replacement Element Part Number = HC9600F   8Z

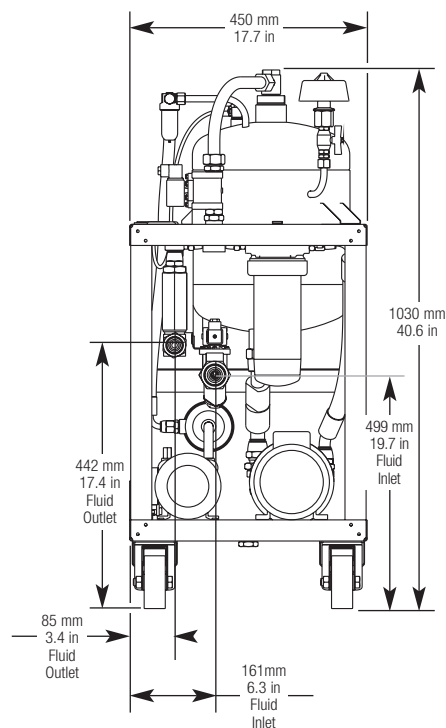
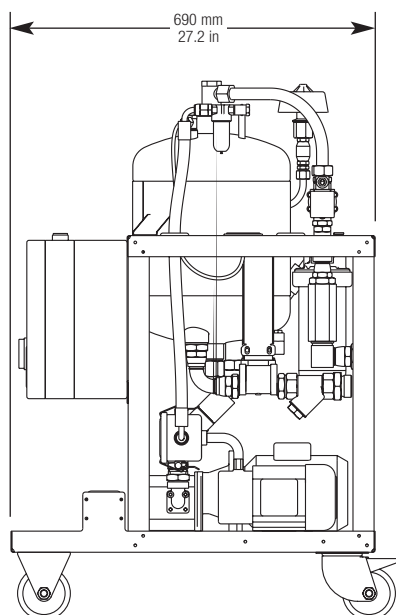
Replacement Air Breather Element = R01F400

Replacement Oil Mist Element = HS79510

**Table 1. Element Rating**

Code	Rating (µm) ( $\beta_{x(c)} \geq 1000$ )
KZ	2.5
KP	5
KN	7
KS	12
KT	22

## Dimensional Drawings



Pall Corporation

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