



Pall Corporation

## Pall Portable Fluid Purifier for Aircraft Maintenance

New and more robust design offers upgraded features

### Description

The Pall Aerospace portable fluid purifier is designed for removal of water, gases, solvents and particulates from oils such as:

- Hydraulic fluids
- Lubrication fluids
- Coolants

### Reduce Operating Costs

- Significantly Extend Component Life
- Decrease Maintenance
- Increase Mission Availability
- Recycle Fluid / Significantly Reduce Waste

With over 45 years of fluid management experience, Pall is proven to bring its customers improved system performance solutions.

### New Features

- 18" ground clearance
- Hose hanging brackets
- Additional power outlet
- Tow bar
- 20 foot retractable power cord
- Forklift slots
- Swivel-EAZ® polyurethane wheels



**Keep it Organized!**  
Hose Hanging Brackets

**Safety First!**  
18" Ground Clearance

**Put a New Spin on It**  
Swivel-EAZ® Wheels

*Pall Aerospace PE0109 Series Portable Fluid Purifier*

### Power Up

Additional Power Outlet

### Well-Trained

Tow Bar

### Go the Distance

20 Foot Power Cord

### Need a Lift?

Forklift Slots



*WS08 Integrated Water Sensor  
WS09 Hand-Held Water Sensor*

## Technical Data

<b>Part Number:</b>	PE0109012HW83
<b>NSN Number:</b>	4330-01-588-8625
Dry weight:	550 lbs. (approx)
Overall dimensions:	Length: 46" (towbar retracted) Width: 40" Height: 56"
Circulation flow rate:	3 gpm (11 L/min.)
Fluid compatibility:	See note*
Fluid temperature range:	140° F Max.
Ambient service Temperature:	-14° F to +140° F
Water removal:	Pall portable fluid purifiers remove free water, free gases, dissolved water (up to 80% of ambient relative humidity) and dissolved air (up to 80%).

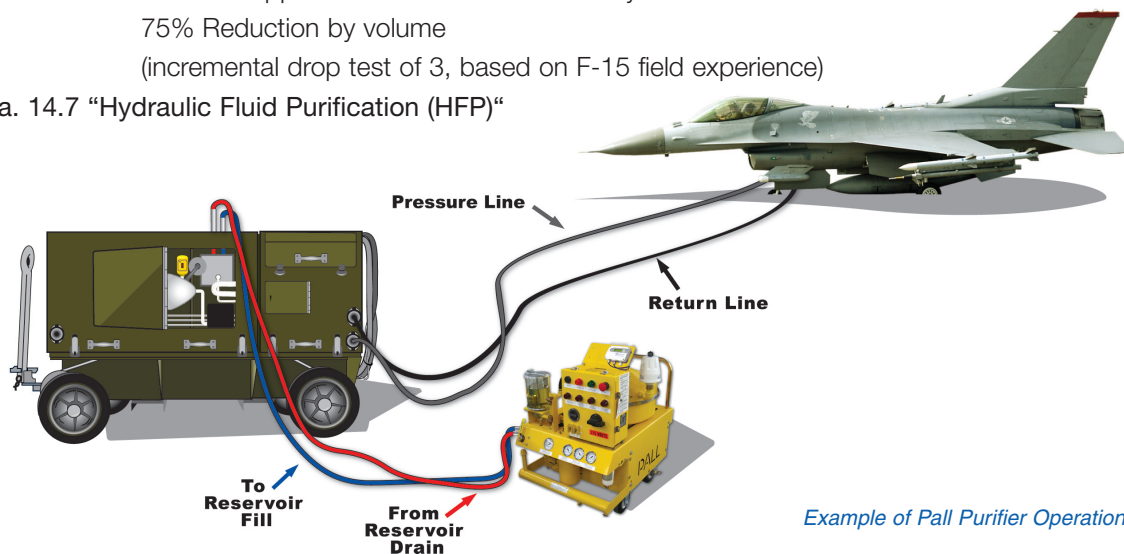
*\*Multiple voltages/fluid options are available. Please refer to the Pall Portable Fluid Purifier brochure for more information.*



## Hydraulic Fluid Purification Results:

Aircraft Particulate Level:	NAS1638 class 5 or better
Aircraft Water Contamination:	Below 100ppm for mineral oils and PAO hydraulic fluids
Aircraft Air Removal:	75% Reduction by volume (incremental drop test of 3, based on F-15 field experience)

See AFI 21-101, para. 14.7 "Hydraulic Fluid Purification (HFP)"



*Example of Pall Purifier Operation*




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