

USPI Portable Filtration

The USPI portable filtration system family includes the USPI 87SA, 87DA, and 87QA. Each unit includes a sturdy metal frame with wheels, chrome plated filter housing(s), 120/240 VAC, 60 Hz electric motor, positive displacement aluminum pump, stainless steel ball valves (including 3-way transfer ball valve), stainless steel piping, manual start/stop switch, under/over pressurization switch, flow meter, drain valve(s), sampling location and (2) 10' hydraulic hoses. Other pump and motor options are available, as well as stainless steel filter housings and the ability to add heaters to the USPI filter housings.

As part of the reclamation process, oil samples will be taken to assess the suitability of reclaimed oil for further use. Using independent labs, US Petrolon tracks the type and degree of contamination present in a system and the overall quality of the lubricant. These regular assessments complete an effective reclamation program. Each USPI in-line filtration system (see opposing column) accomplishes the following tasks:

- Removes solid wear-causing contaminant down to one micron (approximately twelve pounds per element)
- Removes moisture (approximately five quarts of water per element)
- Typically doubles compressor bearing and sealing life
- Extends lubricant life
- Reduces down-time and oil-related wear
- Reduces oil purchases and oil disposals
- Leaves oil additive package intact



USPI 87SA

PHYSICAL DATA

Height: 61"
Width: 24"
Depth: 18"
Weight: 85 LBS.
(excluding filter element)

MOTOR SPECIFICATIONS

1/2 HP 120V 1PH

PUMP SPECIFICATIONS

2 GPM rotary gear

1 DEPTH FILTER

(Reservoirs ~1-60 gallons)



USPI 87DA

PHYSICAL DATA

Height: 61"
Width: 26"
Depth: 18"
Weight: 135 LBS.
(excluding filter elements)

MOTOR SPECIFICATIONS

3/4 HP 120V 1PH

PUMP SPECIFICATIONS

6 GPM rotary gear

2 DEPTH FILTER

(Reservoirs ~1-360 gallons)



USPI 87QA

PHYSICAL DATA

Height: 73"
Width: 24"
Depth: 18"
Weight: 215 LBS.
(excluding filter elements)

MOTOR SPECIFICATIONS

1 HP 120V 1PH

PUMP SPECIFICATIONS

12 GPM rotary gear

3 DEPTH FILTERS

(Reservoirs ~361-720 gallons)