

## Introducing the New Metered Hand Pump

The manually operated, metered hand pump precisely delivers high volumes of chemicals at low pressures. Its design is ideal for small fleets and individual users, and is approved for usage with DEF.

### FEATURES:

- Rugged polypropylene construction with Viton® seals
- Includes diptube, discharge hose, ball valve and spout
- Accurate to 2% per full stroke
- 50 mm (2 in) threaded bung connection
- EPDM seals available
- Buttress thread adapter optional
- Two sizes available:
  - 1 quart/1 liter
  - 4 quart/4 liter
- Metric or English units
- Full 12 month warranty fro date of shipment



DESCRIPTION	PART #
Metering Hand Pump 1 Qt.	FSMP1QSS

### Air Piston Pump

The AP-30 Air Piston Pump is a high-capacity, low maintenance pump for herbicides, diesel fuel, gasoline, lubricating oil and other ag-chem and industrial services.

#### Features:

- Rugged construction with no metal-to-metal contact
- Air source versatility - Stationary or portable auxiliary air compressors; - Portable carbon dioxide cylinders
- Minimal moving parts
- No motor to burn out service or replace
- Not damaged by dead heading
- 50 mm (2") NPT bung adapter
- Dip tube
- Materials of construction: housing - aluminum; Piston - aluminum; Piston liners - stainless steel; Piston ring - PTFE with BUNA®
- O-ring backup: Packing - PTFE; Valves - nylon; Valve springs - stainless steel; Shaft - stainless steel
- Flows to 10M<sup>3</sup>/h (30 gpm)
- Required air is 15 cubic meters / hr or 9 cfm, maximum air pressure of 125 PSI



Air Piston Pump



FSAP-30KIT

DESCRIPTION	PART #
Air piston pump	FSAP30
Repair Kit	FSAP30KIT



Shown with Micro-matic adapter



Shown with optional meter and hose.

### Operating Parameters:

- Flows to 38l/m (10 gpm) at 16°C (60°F)
- Pressures to 1.7 bar (25psi)
- Temperatures to 55°C (130°F)
- 115-volt AC operated motor with 6.1 m (20 ft) cable; 12-volt DC motor optional

### Diesel Exhaust Fluid (DEF) Pumps

DESCRIPTION	PART #
PH6 DEF Pump 12 volt (no micro-matic fitting)	FSPH6PDEF
PH6 DEF Pump 110 volt (no micro-matic fitting)	FSPH6110DEF
PH6 DEF pump 12 volt	FSPH6MMDEF
PH6 DEF pump 110 volt	FSPH6110DEFMM

### STANDARD FEATURES:

- Vertical or horizontal container top mount
- Removable cartridge containing diaphragm, valves and bypass assembly eases maintenance and field replacement
- Multiple pump-chamber design or increased dependability
- EPDM seals standard
- 2-Year service program on standard duty DEF pumps and pump mounted flow meters
- Pump meter and hose shown as options



DEF Nozzle

DESCRIPTION	PART #
Def Nozzle Assy	FSPH89