



# Scienco™ AP-30 Air Piston Pump

## High capacity, low maintenance

The high-capacity AP-30 air piston pump is ideal for agricultural and industrial uses, such as transferring motor oil, gear oil, hydraulic oil, waste oil or antifreeze. It offers users a high degree of reliability, versatility and long life.

The AP-30 air piston pump is ruggedly and smartly constructed. With no motor to burn out and minimal moving parts, the AP-30 is extremely reliable and requires little maintenance. Its materials of construction are aluminum, stainless steel and non-metallic elastomers, resisting corrosion from most agricultural and industrial chemicals. The pump is built with no metal-to-metal contact to reduce wear.



### Applications

- Motor oil
- Gear oil
- Hydraulic oil
- Transmission fluid
- Diesel fuel
- Cutting oil
- Waste oil
- Antifreeze
- Water



### Features and benefits

**Versatile air piston design** accepts stationary and portable auxiliary air compressors as well as portable carbon dioxide cylinders

**Ruggedly constructed** with minimal moving parts and no metal-to-metal contact

**Includes** 50 mm (2 in) NPT bung adapter and high-density polyethylene dip tube

**Undamaged** by dead heading

## Materials of construction

Component	Material
Housing, piston	Aluminum
Piston liners, valve springs, shaft	Stainless steel
Piston ring	PTFE with Buna® O-ring backup
Packing	PTFE
Valves	Nylon®

Note: Ensure chemical compatibility between liquid pumped and the wetted pump components prior to use.

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® Nylon is a registered trademark of the DuPont Company.

## Pump dimensions

Height	400 mm (16 in)
Width	175 mm (7.5 in)
Air inlet	6 mm (0.25 in) female NPT
Suction port	25 mm (1 in) female NPT
Discharge port	25 mm (1 in) female NPT
Weight	7 kg (15 lb)

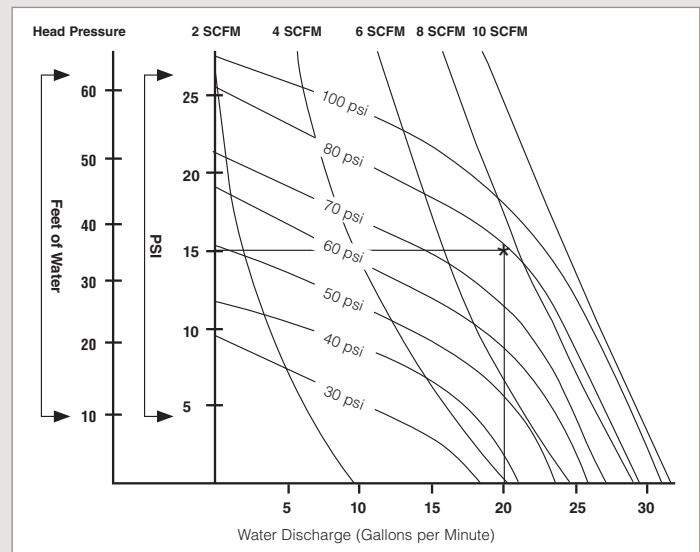
## Versatility of air sources

- Stationary air compressor
- Portable CO<sub>2</sub>
- Portable air compressor
- Truck compressor attachments
- Auxiliary air

## Operating parameters

- Flows to 10 m<sup>3</sup>/h (30 gpm)
- Maximum air pressure: 8.6 bar (125 psi)
- 15 m<sup>3</sup>/h (9 ft<sup>3</sup>/m) compressed air
- Pressure rating: 1/3 to 1

## Performance curve



At 80 psi air pressure and 15 psi fluid pressure, an AP-30 pump operates at 20 gpm.

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