



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)

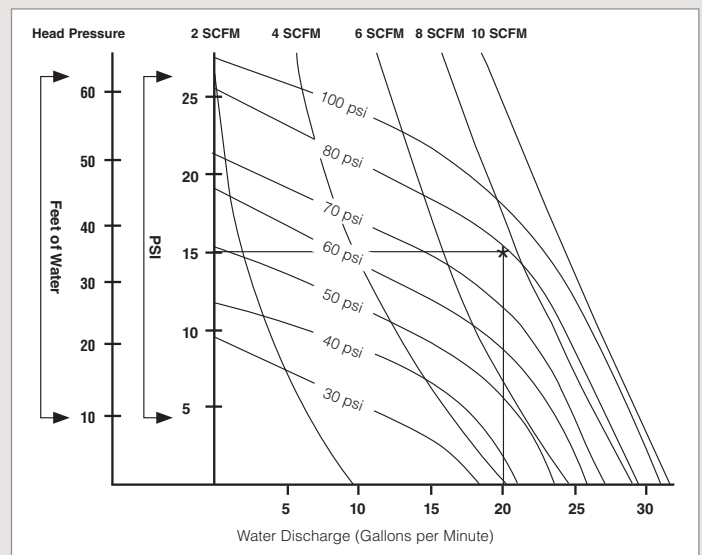
Versatility of air sources

- Stationary air compressor
- Portable air compressor
- Auxiliary air
- Portable CO₂
- Truck compressor attachments

Operating parameters

- Flows to 10 m³/h (30 gpm)
- Maximum air pressure: 8.6 bar (125 psi)
- 15 m³/h (9 ft³/m) compressed air
- Pressure rating: 1/8 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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