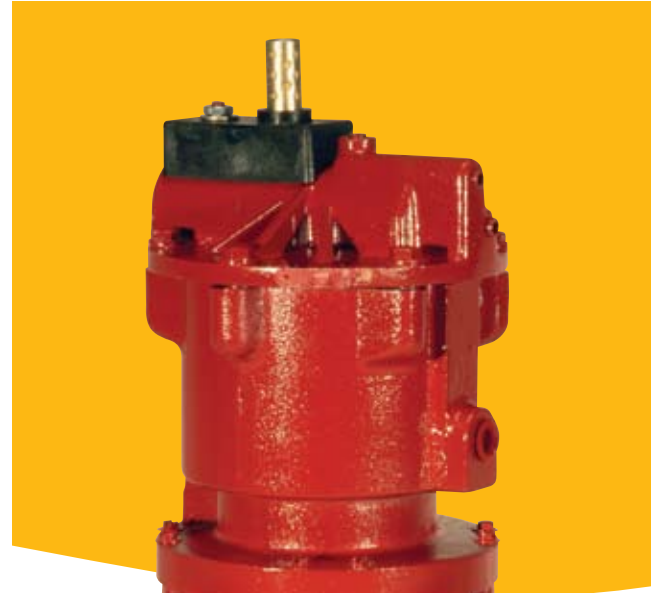


# Scienco AP-30

Air Piston Pump



## High Capacity, Low Maintenance

*The high capacity AP-30 air piston pump is ideal for agricultural and industrial services, including herbicides, diesel fuel, gasoline and lubricating oils. 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 with minimal moving parts, AP-30 is extremely reliable and requires little maintenance. Its aluminum, stainless steel and non-metallic construction resists corrosion from most agricultural and industrial chemicals. The pump is built with no metal-to-metal contact to reduce wear.

### Applications

- Herbicides
- Gasoline
- Diesel fuel
- Antifreeze
- Lubricating oils
- Water
- Cutting oils
- Waste oil

### 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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### 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 lbs)

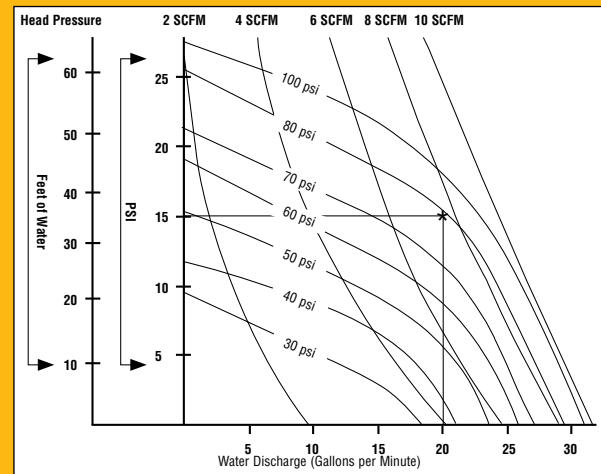
### Versatility of Air Sources

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

### 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

### AP-30 Performance Curve



@ 80 psi air pressure and 15 psi fluid pressure, an AP-30 pumps 20 gpm

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