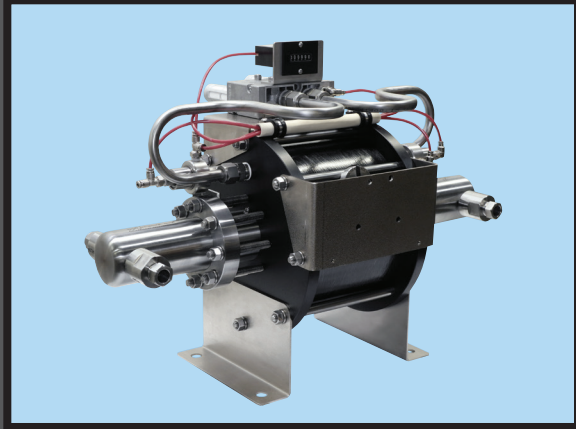


"UNPARALLELED PERFORMANCE AND SAFETY UNDER PRESSURE!"®



NuQuip®

Model 121375 Series Double Acting Air-Driven Liquid Pumps

- Pressures up to 30,000 psi (2,068 bar)
- High-pressure flows up to 2.0 gpm (7.6 lpm)
- Powers hydrostatic test or tube expansion tools
- No electrical power required
- Safe for use in hazardous work areas
- Portable unit with mounting options

DESCRIPTION

The NuQuip® Model 121375 Series Air-Driven Pump is a compact, portable, and safe pressure source when used for hydrostatic testing or tube expansion. At the pump's core is an air-driven water pump, providing up to 30,000 psi (2,068 bar) working pressure when driven by only 100 psi (7 bar) air. For optimum performance, a minimum of 18 SCFM of air is required to drive the air-driven pump.

The Model 121375 Pump is designed with integral trigger valves and a four-way directional control valve to allow for continuous cycling during a work sequence. The system integrates a fluid reservoir with high-pressure flows from 0.5 gpm to 2.0 gpm (1.9 lpm to 7.6 lpm). To operate the pump, shop air and water is all that is required.

The pump is available as a stand-alone unit, or can be packaged in a metal frame with casters or installed in a lockable steel case. Maintenance is easy to do. Weep holes allow for visual inspection of seal condition, and replacement can be done without completely disassembling the pump.

APPLICATION

The NuQuip® Model 121375 Air-Driven Pump can be used as a high-pressure water source for hand tools to do hydrostatic pressure and leak testing, or for hydro-expansion of tubes for boiler tube liners, condenser coils, and fin/tube bonding. The pump's small footprint provides easy portability to different manufacturing cells.

MATERIALS

Wetted Parts: Heat-treated, stainless steel

OPERATING CONDITIONS

Maximum Pressure: Up to 30,000 psi (2,068 bar)
Temperature: 32° F to 120° F (0° C to 49° C)
Services: Water or other liquids
Air Requirement: 100 psi (7 bar)

PERFORMANCE INFORMATION

Max. Water Flow: Up to 2.0 gpm (7.6 lpm)
Cycle Time: Specific to customer application
Noise Level: System runs quietly