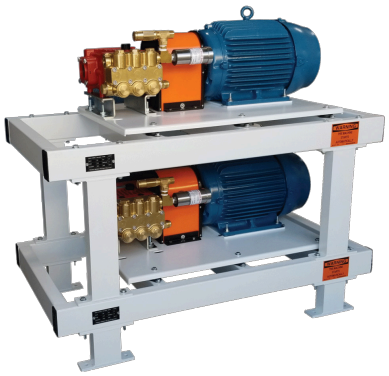
RHINO PUMP SYSTEM





- 16-48 US gpm
  60-180 lpm
- 1,000 psi / 69 bar
- Large Scale Systems

DESCRIPTION

The RHINO pump unit can support up to 640 nozzles when used individually and up to 1,920 nozzles when pumps are combined. The unique frame construction is designed for growth and flexibility as it allows up to 3 units to be stacked together. The solid frame construction permits the units to be mounted inside a factory or greenhouse installation.

The RHINO series of pumps have been designed for industrial and commercial use. Each pump module is supplied with:

- Giant triplex plunger pump producing 1,000 psi
- WEG high efficiency TEFC motor and Variable Frequency Drive (VFD)
- Siemens logic control and HMI display panel
- UL 508A listed control panel
- Integrated 1,000 psi / 69 bars pressure transducer
- Low water pressure safety shutdown with automatic restart
- Powder coated, hot dipped galvanized steel frame and NEMA 3R control cabinet
- MicroCool energy/water conservation technology
- One year comprehensive warranty

rhino by MicroCool

SPECIFICATIONS for Single RHINO Pump

Frame: 53 x 28 x 28 inches 1,346 x 711 x 711 mm	Control Panel: 36 x 30 x 12 inches 915 x 762 x 305 mm
Frame Weight: 500 lbs / 227 kg	Control Panel Weight: 100 lbs / 45 kg
Pressure: 1,000 psi / 69 bar	Flow Max: 16 US gpm / 5,480 lbs/hr
Voltage: 480–600v 3 phase	Flow Max: 41.6 lpm / 2,500 kg/hr
HP / kW: 15 hp / 5.6 kW	Gauges: Inlet and filter differential pressure
FLA (motor): 21 amps @460V/3ph	Connections: 1" NPT out / 3/4" NPT in
Filters: 1 x 20 inch, 5 micron Big Blue (11.5" dia.)	Frame: Powder coated, hot dipped galvanized steel (white)
UV Filter Option: Yes	Control Panel: UL 508A

Warranty

MicroCool warrants that the goods to be delivered will be of the kind and quality described in the sales order or contract, and will be free of defects in workmanship or material. Refer to RHINO Series Installation & Maintenance Manual for full terms of limited warranty.

Availability & Cost

MicroCool equipment is available across North America, South America, Europe, Asia, Africa and Australia either directly or through distributors. Contact MicroCool about availability and pricing information.

Installation & Maintenance

Refer to the RHINO Series Installation & Maintenance Manual for complete installation instructions and system maintenance requirements.

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