

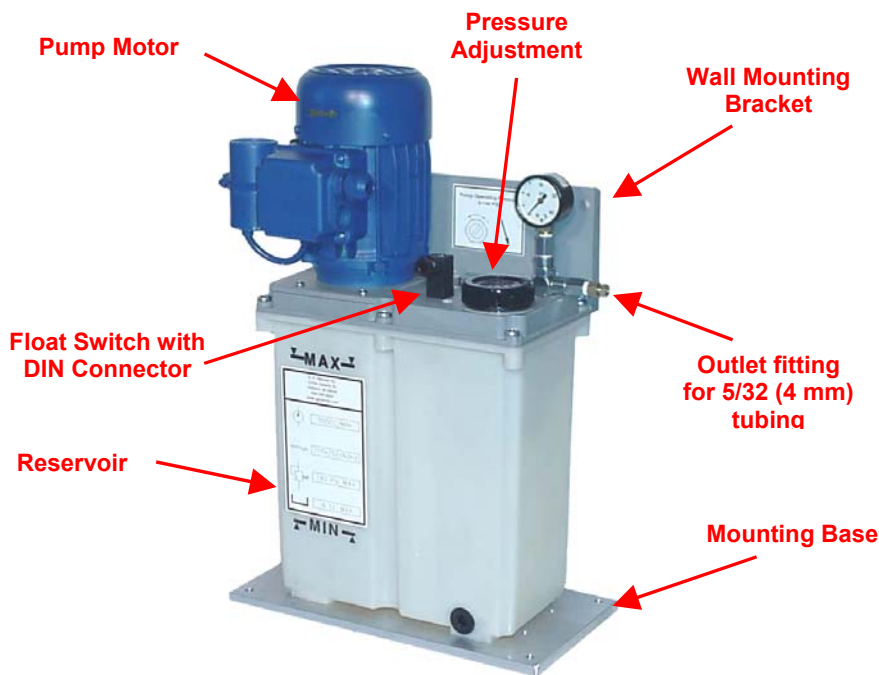
Model Number

CAT-K-Pump-1000

Replacement Pump & Reservoir for Older Kalgraf Systems

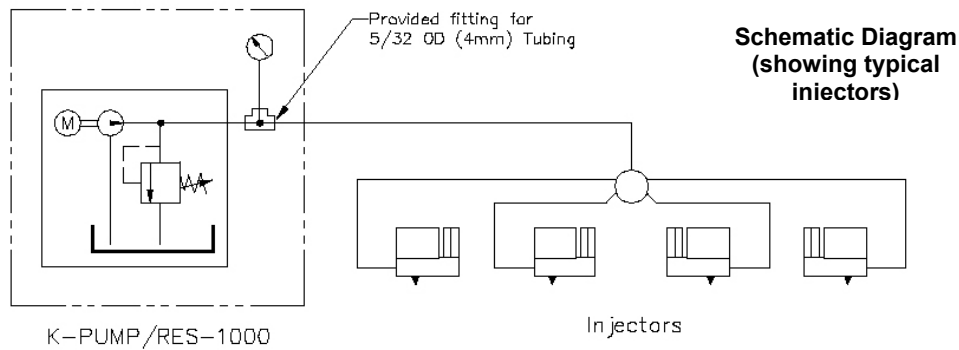
Replaces K-2041 Motor/Pump & K2045 cast aluminum reservoir

- Uses lubricants with viscosity between 100 and 1000 SUS (ISO 22 to ISO 220)
- Provides up to 500 cc per minute at maximum pressure
- Has 160 p.s.i. pressure gauge
- Can be base or wall mounted
- Has 6 liter (1.58 gallon) reservoir
- Provides pressure up to 140 p.s.i.
- Has outlet fitting for 5/32 (4 mm) tubing
- Has float switch with DIN connector
- Has 120 v.a.c. 50/60 Hz motor
- Ideal for Kelgraf injector systems



Replacement pump/reservoir for Kelgraf systems included 6 liter (1.58 gallon) plastic reservoir, base mounting bracket, wall mounting bracket, 500 cc/min gear pump, 120 v.a.c. 50/60 Hz motor, low level float switch, pressure gauge, and outlet fitting for 5/32" OD (4 mm) tubing.

Reference:
Installation and operating instructions KA4782.



G. P. Reeves Inc. 12764 Greenly Street Holland, MI 49424

Phone: 888.399.8893

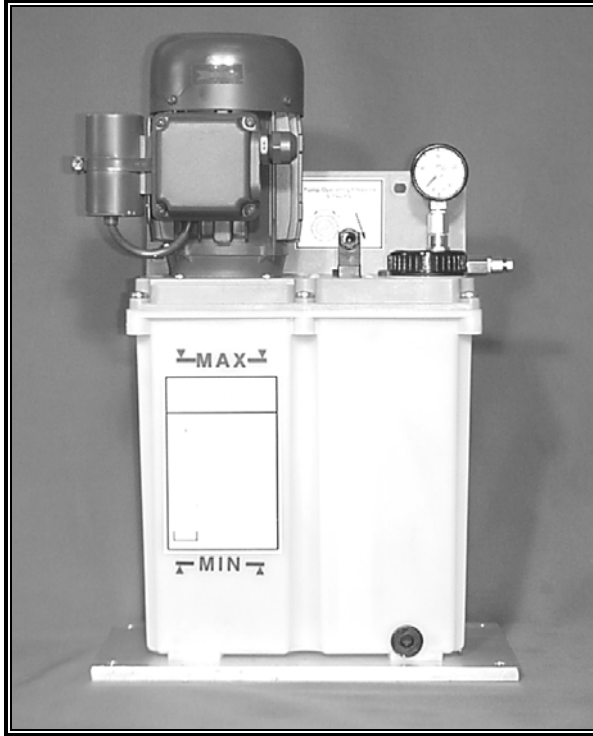
Fax: 616.399.8867

Web Site: <http://gpreeves.com>

INSTALLATION AND OPERATING INSTRUCTIONS

K-PUMP/RES-1000 Replacement Pump Reservoir

This equipment includes electrical & mechanical components that may be hazardous to personnel. Installation and maintenance must be performed by qualified personnel only.



LOCATION

The K-PUMP/RES-1000 pump reservoir should be located in the same place as the existing pump reservoir being replaced. An aluminum mounting plate is provided and factory mounted on the bottom of the reservoir for floor mounting. If wall mounting is desired, the aluminum plate can be removed from the bottom of the reservoir and mounted to the pump/motor back plate using the existing tapped holes in the plate. Four 1/4-20 bolts will be required to mount the plate to the back of the unit.

ELECTRICAL

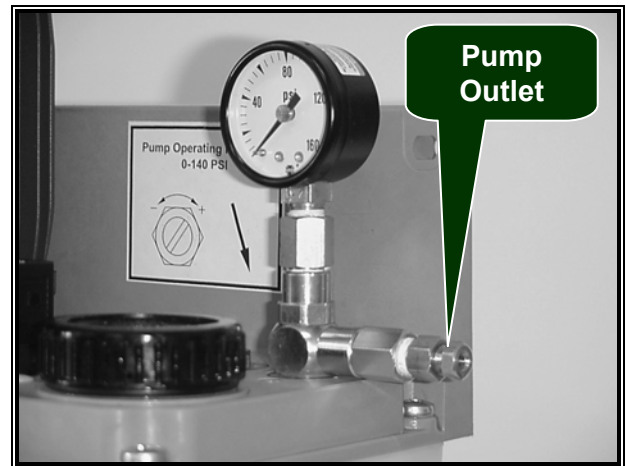
Wire motor according to local and national codes per provided electrical schematic. Wiring should be done by qualified personnel only. Disconnect the wire leads from the existing motor and wire into the junction box per diagram located inside the junction box cover.

LUBRICANT

Fill reservoir with lubricant in the viscosity range of 100 to 1000 SUS, not requiring agitation, compatible with viton seals, and not polymerized. Conditions such as temperature, load, environment, system design, process equipment, etc. should be considered when selecting a lubricant. Consult your local reputable lubricant supplier for recommendations.

TUBING HOOK UP

Disconnect tubing from outlet of existing pump and connect to the outlet of the new pump. A new bushing and sleeve is provided and can be used to insure that the new connection will not leak.



PRESSURE

The K-PUMP/RES-1000 is factory set at 40 p.s.i. Pump pressure range is from 0 p.s.i. minimum to 140 p.s.i. maximum. Be careful not to exceed recommended pressure for your existing components.