

PULSAFEEDER
A Unit of IDEX Corporation



Simple
Reliable
Solutions



Mechanical Diaphragm Metering Pump

The OMNI Mechanical series is designed to be an economical, compact, rugged, simple and reliable diaphragm metering pump.

- Flows to 435 lph and pressures to 10 bar
- Accuracy to +/- 2% of flow
- Oil Free – “Greased for life”
- Easy to install and operate
- Highly Efficient, Quiet, and industrial design
- Liquid End Materials PVDF, PVC, & 316 SS
- Long diaphragm life

Solenoid Diaphragm Metering Pump

The OMNI Solenoid Series offers manual function controls over stroke length and stroke rate providing a turn down ratio of 100:1. Our best value in a pump within the capacity range.

- 20 distinct flow/pressure envelopes
- Flows to 95 lph and pressures to 21 bar
- Water resistant for outdoor installations
- Reliable metering performance
- Rated “hot” for continuous duty
- Leak-free, wet end without seals
- Advanced electronic components
- Circuit protection (voltage or current upsets)
- Liquid End Materials GFPP, PVC, SAN, PVDF, & 316 SS

E+ and MP Controllers

- Automatic 4-20mA Control (2% to 100% of signal)
- 1000:1 turndown Capability (w/Manual Control)
- Relay Output and AC power external control.
- Six-button Touch Pad Control and 16 character LCD backlit multi-lingual display for easy programming.
- Alarm Signals for signal loss, full count, circuit failure, pulse overflow and pulse rate high. Liquid low level indicator capability is standard.
- Timed Sequences for selected intervals and rate for repetitive metering.
- Pulse Signals can be multiplied or divided by 1 to 999 allowing for pumps to handle peak requirements.
- Extended Two Year Warranty (circuit boards)



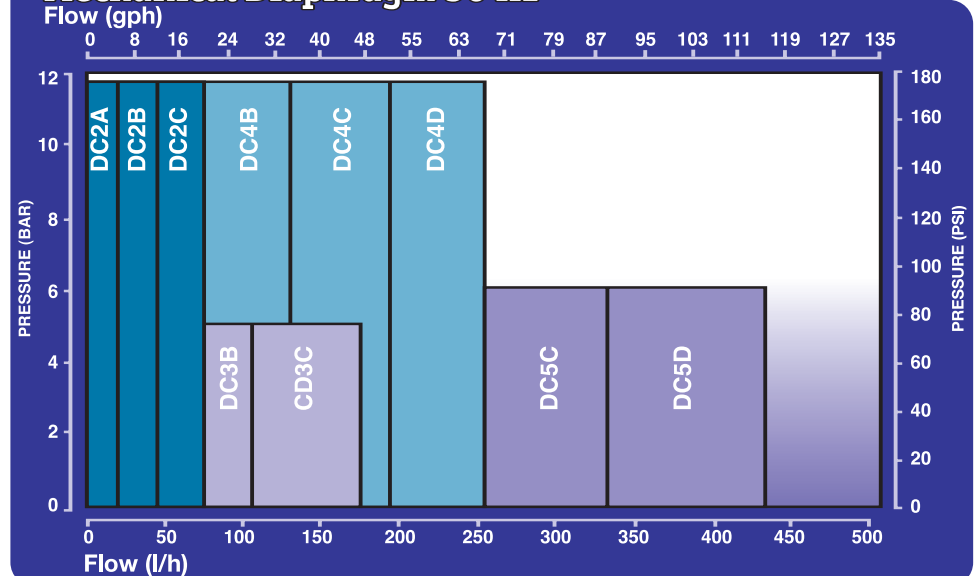
MPC Controller

The MPC offers both Speed and Stroke adjustment flow control and outputs.

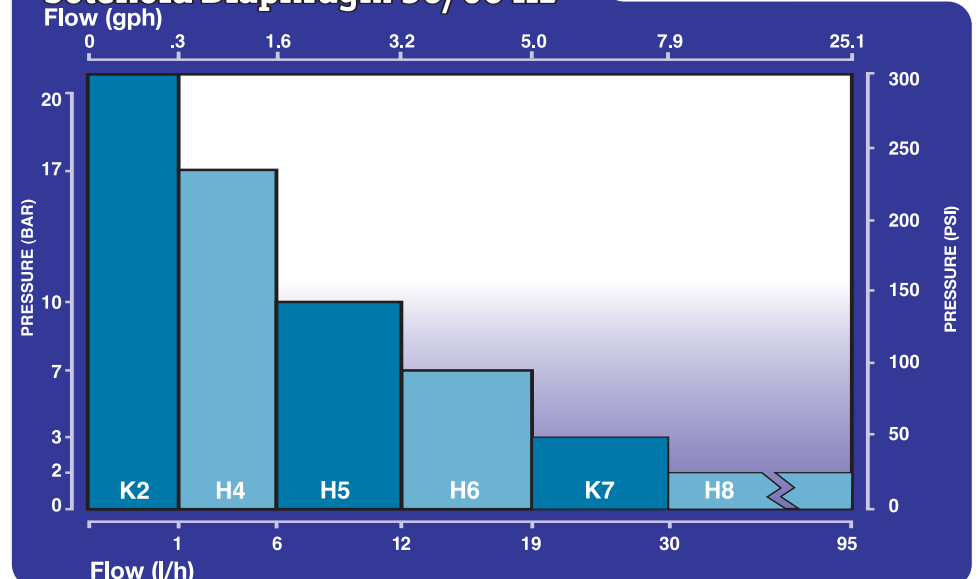
- 1000:1 Turndown capability
- Multiple analog inputs and outputs to monitor and control pump
- Multiple digital inputs and outputs to monitor and control pump:
- Automatically control and display flow, stroke, speed, and 4-20
- 4-20 mA input control
- HANDHELD (IP65) keypad that can be mounted on the pump (w/2 m cable) or up to 300 m away



Mechanical Diaphragm 50 Hz



Solenoid Diaphragm 50/60 Hz



Visit us on the web at www.pulsa.com