

# Series G Metering Pumps

● Accuracy and reliability for large-volume chemigation operations.



## Agri-Inject, Inc.

*The Leader in Liquid Nutrient Application*

● The Series G line of metering pumps from Milton Roy are designed specifically to provide operating efficiency and economy for large-scale chemigation projects. Lower operating costs at high volumes make the Series G especially effective for applying fertilizer, chemicals, and other concentrates through high acreage pivot irrigation systems.

Series G pumps are engineered and constructed to handle high viscosity fluids and non-soluble materials in slurry form with ease.

● Accurate, reliable, and easy to operate, the Series G metering pump is optional with Agri-Inject's Fertilizer Injection Systems and Large Capacity Chemigation Systems.



### Effective

Reliable performance in a variety of situations. Ideal for large volume, large area applications.

### Robust

Easily handles heavier concentrates like high viscosity fertilizers and chemicals and non-soluble organic products in slurry form.

### Versatile

Pumps are available in five sizes, adaptable to most irrigation systems.

### Accurate

Delivers precise amounts of concentrate into the irrigation stream. Flow rate easily adjustable while running.

### Ease of Operation

Simple to operate. Main components easily accessible for routine maintenance. Large, easy-to-read dial makes adjustment simple.

### Economical

Lower initial investment means shorter payback period. Save on operating costs, especially with large-volume use.

# Series G Simplex System Pumps For High Volume, Top Efficiency

Maximum Capacity Per Hour*		Series	HP	Electrical Options			Switch Options		Strainer Options		Mister Mist <sup>®</sup> Check Valve** Options		
Gal.	Liter			Single Phase	12 Volt	Three Phase	Single	None	Yes	No	Standard	High Volume	Max. Volume
28	106	Series G <sup>1</sup>	1	■	■	■	■	■	■	■	N/R	N/R	
55	208	Series G <sup>1</sup>	1	■	■	■	■	■	■	■	N/R	N/R	
110	416	Series G <sup>1</sup>	1	■	■	■	■	■	■	N/R	■	N/R	
150	568	Series G <sup>2</sup>	1	■	■	■	■	■	■	N/R	■	N/R	
310	1173	Series G <sup>3</sup>	1	■	■	■	■	■	■	N/R	N/R	■	



**Series G Pump**



**Easy to Read  
Micrometer Dial**



**Easily Accessible  
Filter Assembly**

## The cost-effective choice for pumping large volumes.

If your chemigation project involves a single pivot on a half section or more- or if you are applying viscous liquids or non-soluble, slurried soil amendment materials-you'll want to select the Series G pump for your **Agri-Inject** injection system.

A lower purchase price and the potential for savings in operating costs with the Series G pump shortens the time required to recover your initial investment-ideal if you think a change in land use or equipment might be forthcoming.

- Available in five sizes ranging from 28 to 310 gallons (106 to 1,173 liters) per hour. There's a Series G pump to fit most every need.
- Large, easy-to-read dial lets you adjust flow, quickly and simply, while pump is running. Can be locked in position to maintain constant flow.
- Mechanically actuated Teflon diaphragm enables precision flow rate control, even at low volumes.

- Durable, metallic housing and corrosion resistant coatings give the Series G pump the toughness to stand up to harsh chemicals and the weather.
- Backed by a three year warranty.
- Precision stroke adjustment can be operated while the pump is running or stopped.
- Steady State Accuracy -  $\pm 1\%$  of full capacity over the 10 to 1 turndown ratio.
- Accessible filter assembly helps protect pump, plumbing and connections from foreign objects.
- Only two major moving parts with oil bath lubrication for reliable operation and minimum maintenance.
- Choice of single phase, 12 Volt or three phase electric motors in 56c frame verticle mount.

Whether ordered as a Fertilizer Injection System or as part of the Large Capacity Chemigation System, the Series G Pump comes complete with a solid and stable plastic base that resists the effects of corrosion, chemicals, and mother nature.

\* All pumps are accurately adjustable down to a level that is ten percent of their maximum capacity. Indicated capacity rates are based on a 1725 RPM motor at 60 Hz

- 1 Series G, model B-40 pump has a maximum discharge pressure of 150 psi.
- 2 Series G, model B-60 pump has a maximum discharge pressure of 100 psi.
- 3 Series G, model B-80 pump has a maximum discharge pressure of 50 psi.

N/R = Not recommended

\*\* U.S. Patent Number RE37,732



**Agri-Inject, Inc.**

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