



# AGRI-INJECT®

## System Information

### MacRoy G Series Metering Pump Systems



Accuracy & reliability for large-volume fluid injection



FOR HIGH VOLUME & TOP EFFICIENCY

# MacRoy G Series Metering Pump Systems

The MacRoy Series G line of metering pumps from Agri-Inject™ are designed specifically to provide operating efficiency and economy for large-scale fluid injection projects. MacRoy Series G Pumps are ideal for precisely applying fertilizer, insecticides, herbicides, fungicides, soil amendments, acid products, wetting agents and more. The high quality pumps are engineered and constructed to handle high viscosity fluids and non-soluble materials in slurry form with ease.

## KEY PRODUCT FEATURES

MODEL	OPERATING RANGE	MAXIMUM DISCHARGE PRESSURE	THREE PHASE & SINGLE PHASE	12-VOLT DC
G55	5.5–55 GPH (20.5–208 liters)	150 PSI (10.3 bar)	1 hp (.74 kW)	3/4 hp (.60 W)
G110	11–110 GPH (41.6–416 liters)	150 PSI (10.3 bar)	1 hp (.74 kW)	3/4 hp (.60 W)
G150	15–150 GPH (56.8–568 liters)	100 PSI (6.89 bar)	1 hp (.74 kW)	1 hp (.74 W)

**The system includes** the base, control switch, filter assembly, Mister Mist'r®, discharge hose, start-up kit and Apply Yourself™ App in a complete turnkey package.

**Mechanically actuated pump** with Teflon diaphragm enables precision flow rate control, even at low volumes.

**Easily accessible filter** assembly protects pump, plumbing and connections from foreign objects.

**Leak detection** port for oil/chemical leak.

**The patented Ultra Mister Mist'r®** has a four-way spray that effectively atomizes the inject product immediately for even distribution throughout the irrigation water flow.

The self-contained design of the MacRoy Series G pump makes it easy for one person to handle and convenient to move from one system to the next.

**Choice of** three phase, single phase or 12-volt electric motors in 56c frame vertical mount.

**Durable, metallic housing** and corrosion resistant coatings give the MacRoy Series G pump the toughness to stand up to harsh chemicals and the weather.

**The pump body** is backed by a limited five year warranty.

**Micrometer Lock Knob**

**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. Precision stroke adjustment can be operated while in use. Steady State Accuracy ~ + 1% of full capacity over the 10 to 1 turndown ratio.

**Only two major moving parts with oil bath lubrication** for reliable operation and minimum maintenance.

**The control switch** is sized specifically to each motor and provides overload protection. The switch enclosure is NEMA 4 rated.

## WHY AGRI-INJECT?

### GLOBAL TECHNOLOGY

Since 1983, we've distributed metering pumps to every corner of the globe utilizing irrigation to raise sustainable crops. The engineered reliable design makes it ideally suited for years of service.

### ENVIRONMENTALLY SAFE

Utilizing a high quality fluid injection pump enables you to precisely provide what your crop needs while reducing the environmental impact. With Agri-Inject equipment, there are other benefits of reduced drift and reduced labor and energy costs.

### ECONOMICAL TO OPERATE

Lower operating costs at high volumes make the MacRoy Series G especially effective for applying fertilizer, chemicals, and other concentrates through high acreage pivot irrigation systems.

### FUTURE OF PRECISION AGRICULTURE

Today we're on the doorstep of dynamic growth of precision farming within the global agricultural industry. Agri-Inject products are perfectly in sync with precision agriculture. They are the cost effective way to apply precise amounts of fertilizer and crop protection products at precisely the right times during the growing season. That's a sound "precision strategy" for improving yields and ensuring crop health for many years to come.

### WHERE TO BUY

Agri-Inject products are distributed globally through an authorized dealer network. Each dealer has a solid reputation for responsive service and technical support. When you're irrigating, you can't afford to wait for answers. You'll find the support you need from Agri-Inject just around the corner.





**APPLY  
YOURSELF**

Exclusively from **AGRI-INJECT**



Download the  
**FREE** app today!



Custom List  
of Your Pumps

Pump  
Calibration  
Solution

Five  
Simple Sizing  
Questions

Simple & Quick  
User Experience

Ranked Pump  
Options

Timer Function  
with Audio  
& Visual Alerts

Recommended  
Pump Photo  
& Details

**ELIMINATE THE GUESSWORK**  
of pump selection & pump rate calibration

Contact  
Information

PHONE

INTERNATIONAL  
+1 970-848-5336

TOLL FREE  
1-800-446-5328

FAX

INTERNATIONAL  
+1 970-848-5336

TOLL FREE  
1-888-846-5328

[agri-inject.com](http://agri-inject.com)

[info@agri-inject.com](mailto:info@agri-inject.com)

**Agri-Inject, Inc.**

5500 US HIGHWAY 34  
PO BOX 437  
YUMA, CO 80759 USA

©2015 Agri-Inject. All rights reserved worldwide. The Agri-Inject name and logomark, Because irrigation can deliver more than just water®, Mister Mist'r®, Mister Mist'r Ultra®, Mini Mist'r®, Micro-Tube®, ApplyYourself®, BoundaryRider®, Insectigator®, reflex®, and Variable Rate Fertigation® are all registered trademarks of Agri-Inject, Inc.

Agri-Inject products are protected under United States patent numbers 6,230,982 and 7,063,276. All patent information available at [www.agri-inject.com/patents](http://www.agri-inject.com/patents)

ALL AGRINJECT PRODUCTS ARE ASSEMBLED IN THE UNITED STATES OF AMERICA.

62920 BAC 1/23