

# Sustainable Golf - Fertigation

Laboratory Precision & Agriculture Durability

## All New Model G3000 Three Heads

(2) 30 gal/hr - Main pump  
(1) 3 gal/hr - Micro-pump



Install to all types of pump

**REDUCE**  
Water, Fertilizer, Chemicals  
& Labor

**IMPROVE** - Quality  
& Increase Rounds  
of Play



Micro Pump  
3 gal/hr

Variable Speed DC Motor  
Cool constant torque drive

Bleed valve for priming  
The bleed tubes will go to  
a catch container

Discharge fitting w/ swivel  
& union disconnection

316 Stainless steel head  
and all fittings

Stroke adjustment knob  
0 to 100% - each head

Suction fitting w/ swivel union  
& disconnection

Fiberglass base w/stainless steel  
fasteners



# Sustainable Golf & Water Efficiency

## All New Model G3000

Laboratory accuracy and agriculture durability

This new G3000B launches a next generation in golf fertigation systems. It brings together new pumps with accuracy and durability on seen until now.

We introduce precision industrial plunger pumps that have the best features that improve dependability and ease of service.

**Accurate** stroke adjustment to individual percent setting. This will give you accurate settings and repeatability.

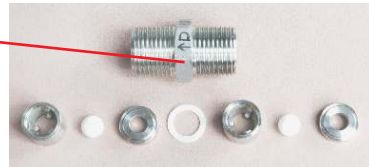
The pump valves include swivels and union disconnect fittings. The pump discharge and suction can swivel left or right depending on the the installation setup.

**Service** is important and all the valves have a swivel disconnect to access the cartridge valves in minutes.

The valves have teflon seals and don't use teflon tape or thread sealer. It's clean and simple to remove the pump check valves in minutes. The cartridge valves can be cleaned and serviced in minutes to get the fertigation system back on line and no need to send for replacment check valves. This reduces maintenance costs and down time.

The systems uses high quality industrial Push-On hose, that doesn't use hose clamps. It has an 300 psi working pressure.

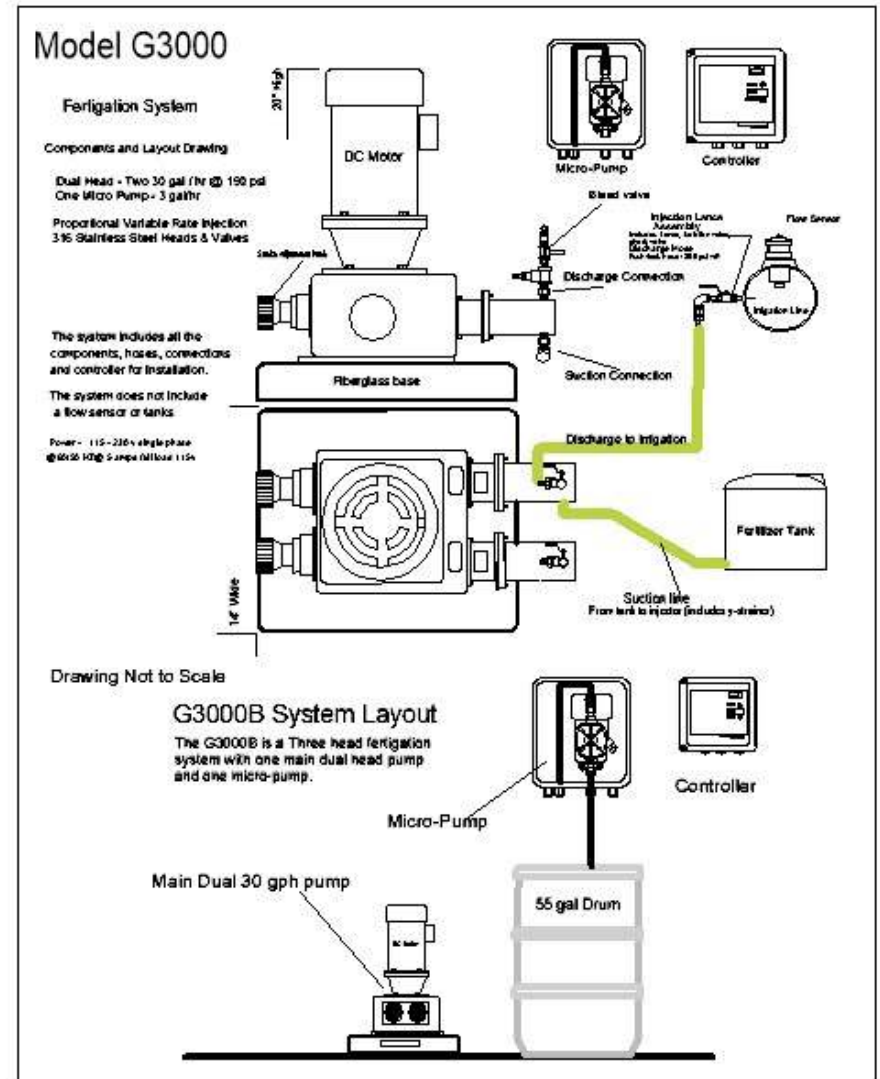
This system uses only the best components, fittings and hoses.



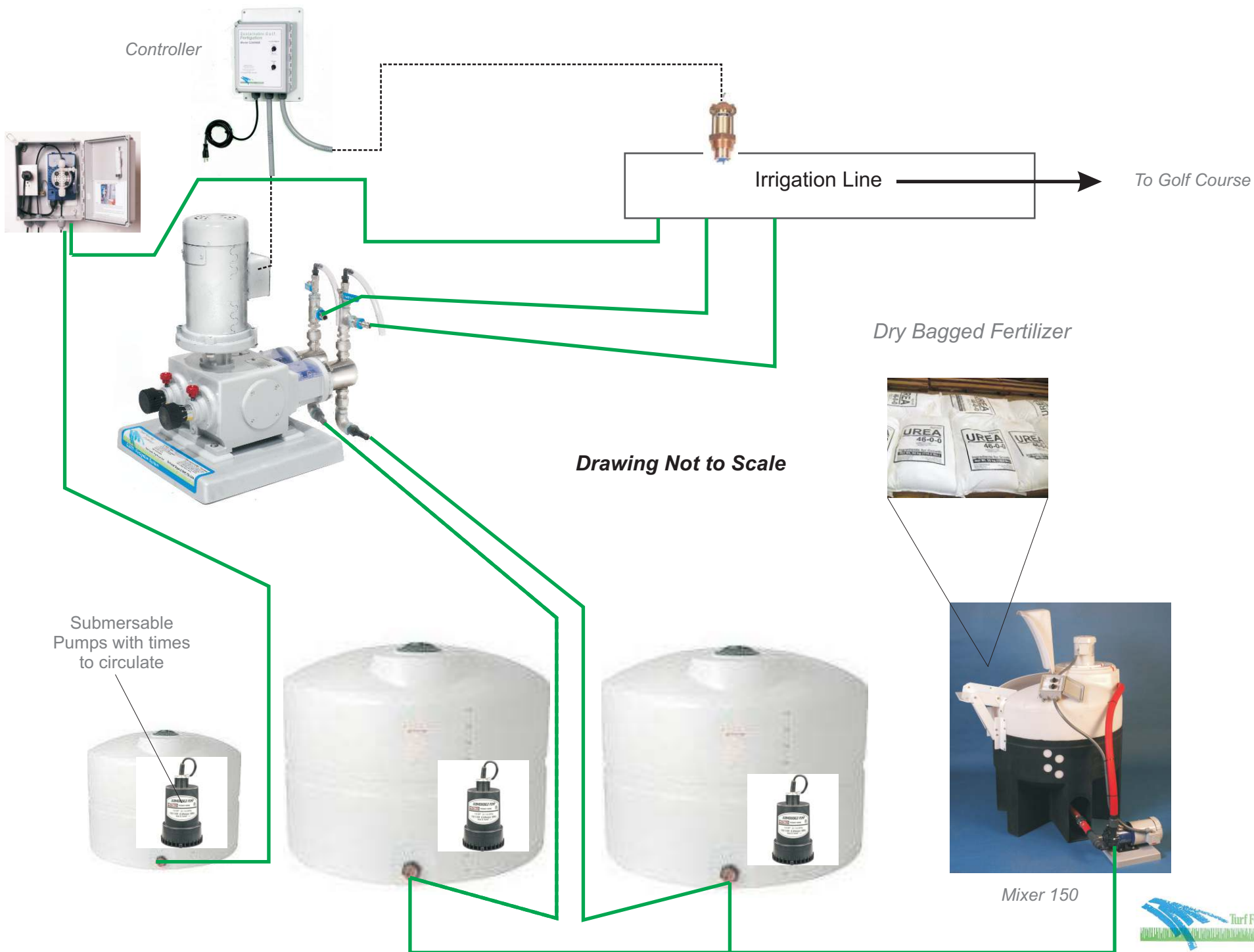
# Model G3000 Fertigation System

## Three Head Fertigation System

Proportional- controlled by water flow rate - Flow sensor controlled  
 Main Heads - Two 30 gal /hr injection rate @ 150 psi - One micro-pump 3 gal/hr  
 Heads and valves are 316 stainless steel  
 All hoses are industrial 300 psi  
 System includes all fittings and connections to two tanks - Tanks not included  
 Power - 115 v AC @ 5 amps @60 hz- Also available at 240v 50hz  
 Includes an optical isolator to use pump station digital flow sensor



# G3000 + Mixer + Tanks - Layout



Controller

Irrigation Line

To Golf Course

Dry Bagged Fertilizer

Drawing Not to Scale

Submersible Pumps with times to circulate

Mixer 150