

# SP SERIES...built to last

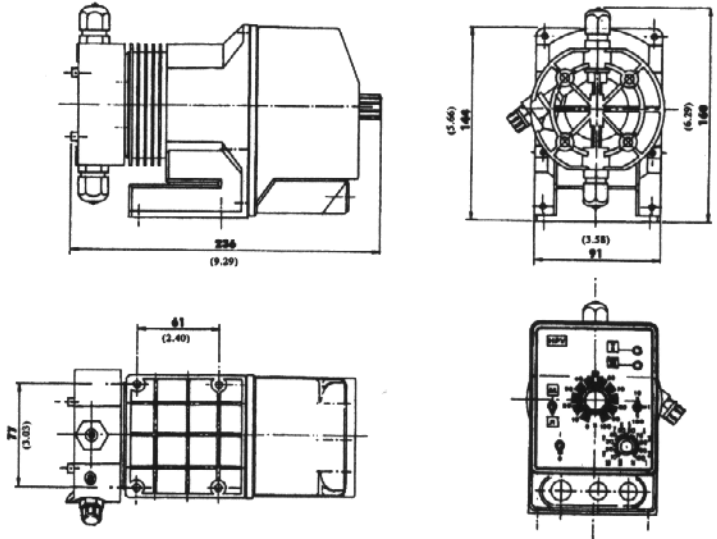


FRED C. GILBERT CO.  
 P.O. BOX 5534  
 1615 BEDFORD WAY #A  
 BAKERSFIELD, CA 93308  
 (661) 399-9569

Flows rated up to .26 GPH (1 LPH) at  
 Pressures to 260 psi (18 bar)

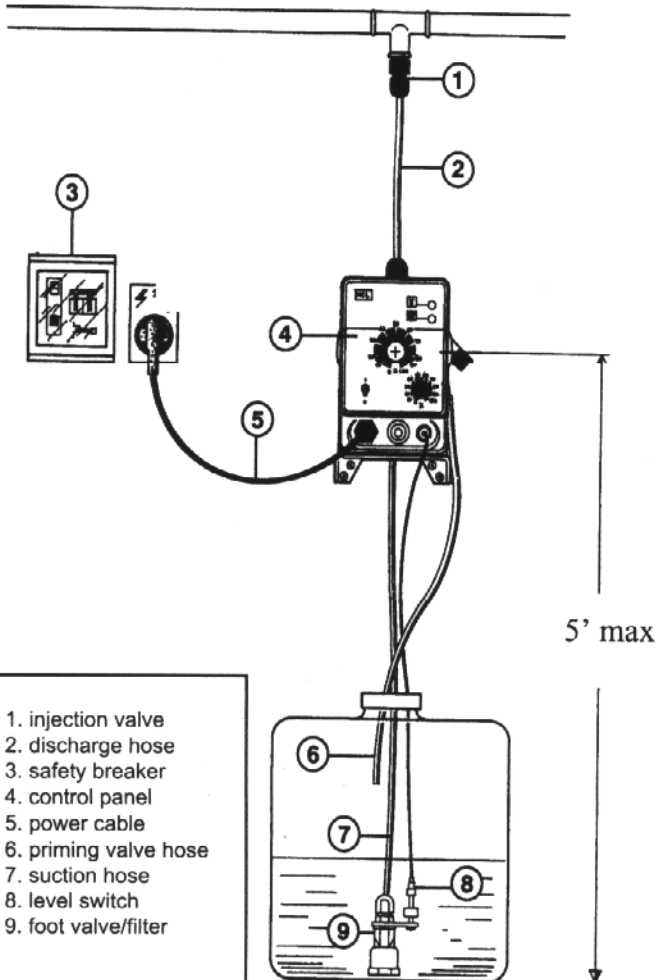
All Texsteam electronic metering pumps have PTFE diaphragms designed for long life and durability. The HCL is available with a foot mount configuration. This unit is available in two voltages, 115vac and 230vac. The dual controls adjust both the pump stroke speed as well as the stroke length for ultimate metering control. This higher pressure unit, like the FCL is available with the level control, which when mounted on the foot valve, protects the pump from dry runs. The liquid end is polypropylene, and also features a priming valve to aid in start up. The injection valve also serves as a line check valve to protect the unit.

## "H" Series Physical Dimensions



Bold Values : mm  
 Parenthesis values : inch

## METERING PUMP MODEL "HCL" INSTALLATION

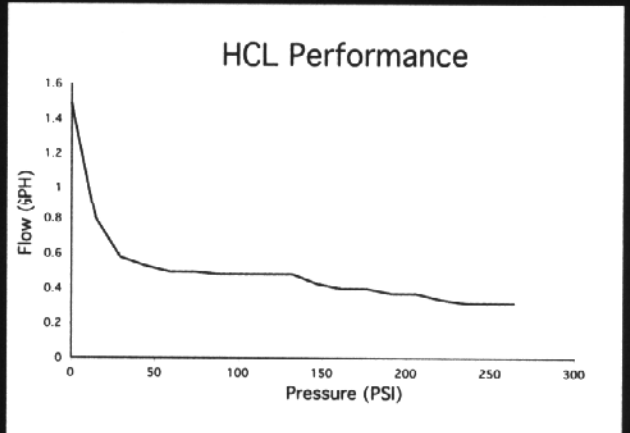


1. injection valve
2. discharge hose
3. safety breaker
4. control panel
5. power cable
6. priming valve hose
7. suction hose
8. level switch
9. foot valve/filter

## HCL SPECIFICATIONS

Maximum Injection Pressure 260 psi (18 bar)

MAXIMUM STROKES PER MINUTE- 120  
 MAXIMUM VISCOSITY-60 cps  
 VOLTAGE-115 or 230 vac



## Materials of Construction

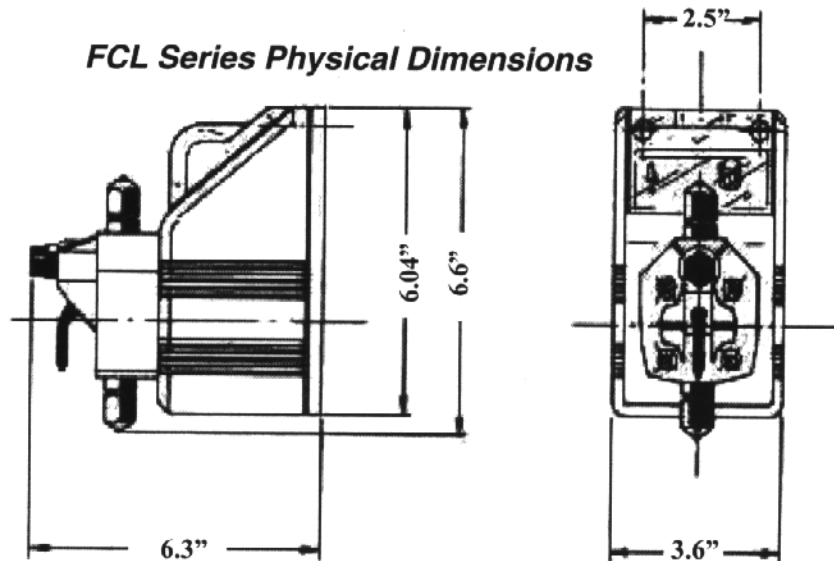
- Case-Polypropylene
- Pump Head-Polypropylene
- Diaphragm-PTFE
- Valve Balls-Glass
- Suction/Discharge Tubing-Polyethylene
- Valve Body-Polypropylene
- O-rings-Viton

# SP SERIES...built to pump

FRED C. GILBERT CO.  
P.O. BOX 5534  
1615 BEDFORD WAY #A  
BAKERSFIELD, CA 93308  
(661) 399-9569



## FCL Series Physical Dimensions

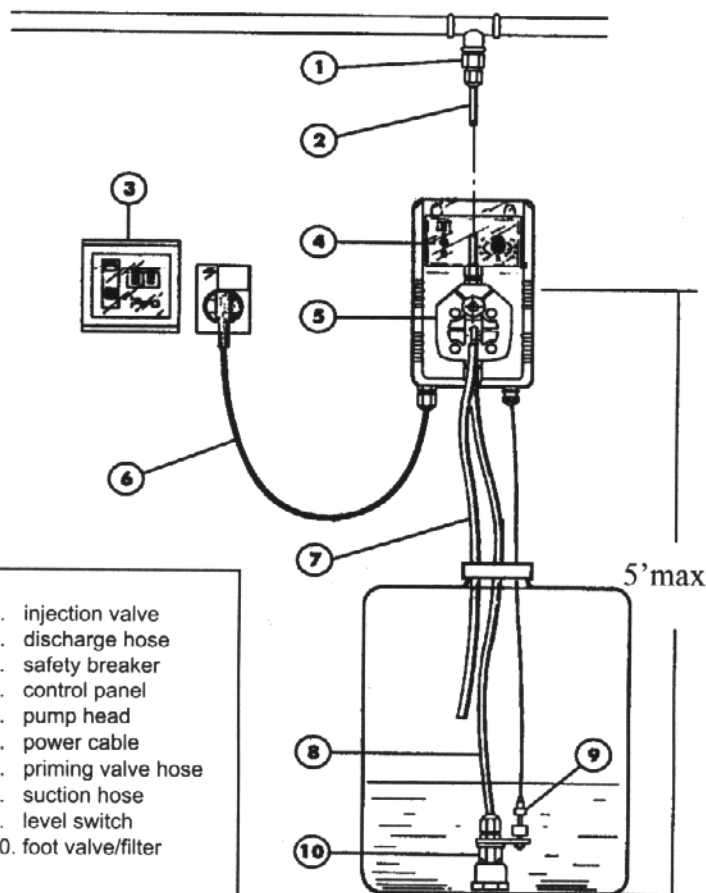


Flows rated up to .4 GPH (1.5 LPH) at  
Pressures to 175 psi (12 bar)

The FCL Series can be vertically wall mounted or it can be mounted on the bracket supplied with the pump. This series provides the ideal solution for problems encountered with the metering of small quantities at low pressures. Behind the simple and effective design, there is a product of high quality and supreme reliability. An all plastic housing (glass-filled polypropylene) is resistant to attack by corrosive chemical agents.

The transparent cover and front panel is made of polycarbonate. The piston is actuated by magnets with a class II rating insulation. This FCL metering pump is energized by an electronic circuit packaged on a durable double sided PCB with a protective coating of epoxy insulation varnish.

## METERING PUMP MODEL "FCL" INSTALLATION



1. injection valve
2. discharge hose
3. safety breaker
4. control panel
5. pump head
6. power cable
7. priming valve hose
8. suction hose
9. level switch
10. foot valve/filter

## FCL SPECIFICATIONS

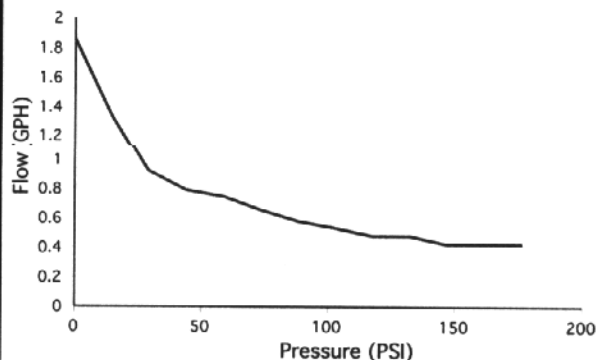
Maximum Injection Pressure 175 PSI (12 bar)

MAXIMUM STROKES PER MINUTE 140

MAXIMUM VISCOSITY-60

VOLTAGE-115 vac

## SPFCL Performance



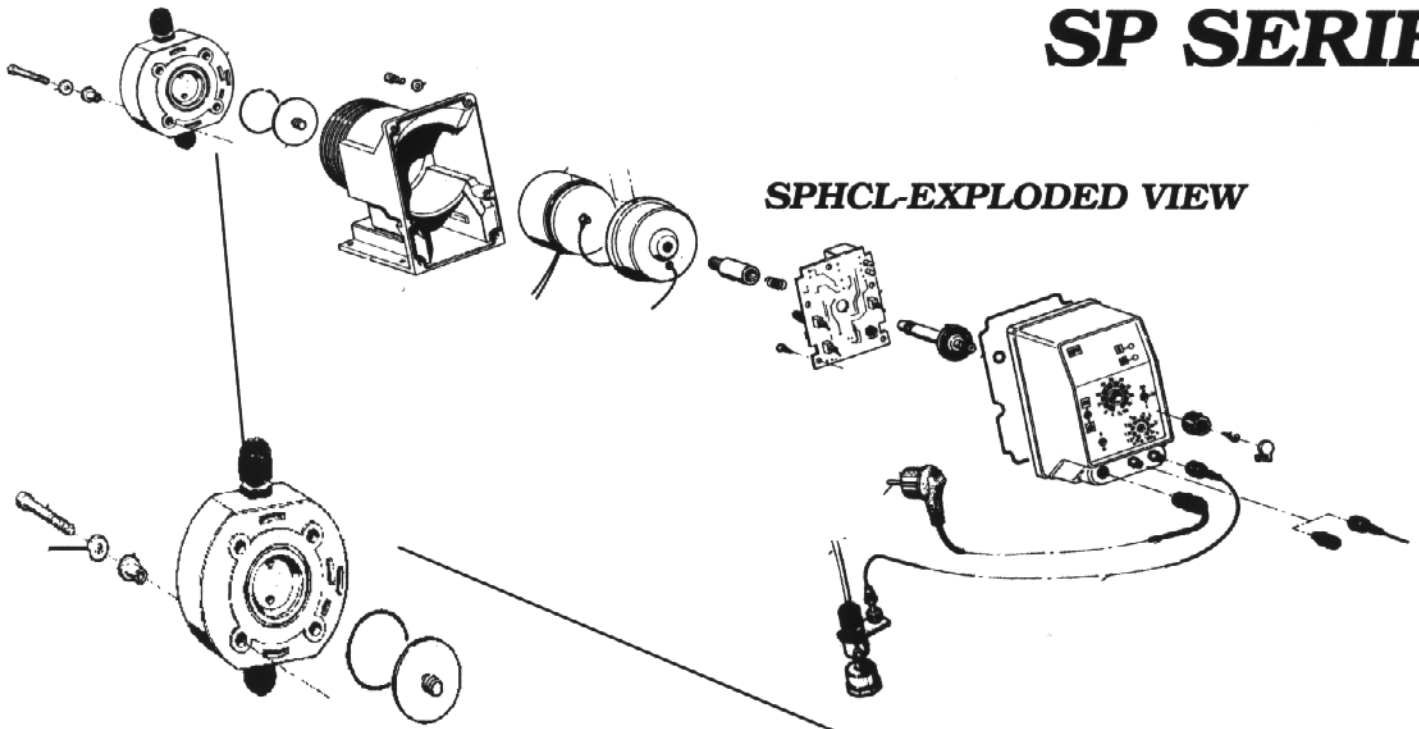
## Materials of Construction

Case-Polypropylene  
Control Panel Cover-Polycarbonate  
Pump Head-Polypropylene  
Diaphragm-PTFE  
Valve Balls-Glass  
Suction/Discharge Tubing-Polyethylene  
Valve Body-Polypropylene  
O-rings-Viton

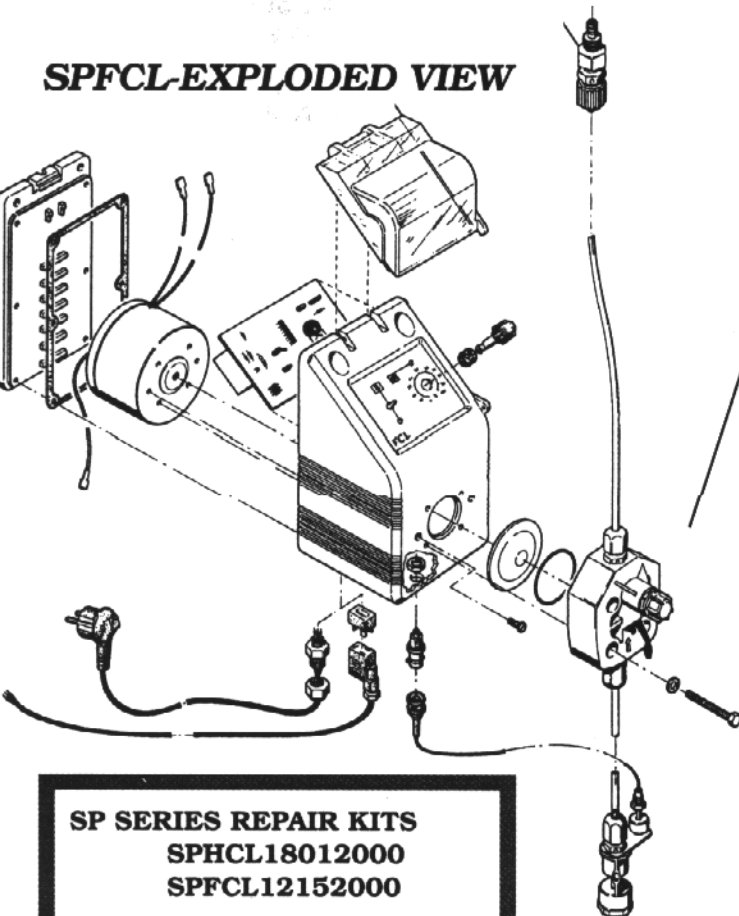


# SP SERIES

## SPHCL-EXPLODED VIEW



## SPFCL-EXPLODED VIEW



FRED C. GILBERT CO.  
P.O. BOX 5534  
1615 BEDFORD WAY #A  
BAKERSFIELD, CA 93308  
(661) 399-9569

### QUICK TROUBLESHOOTING GUIDE

**IF...pump doesn't work and green LED is off:**

- check and verify power supply
- verify provided power is the same as the pump name plate
- check the fuse

**IF...pump doesn't work and red LED is on:**

- check to see if product tank is not empty
- check level switch floater, clean and replace

**IF...pump doesn't work and the green LED flashes:**

- check the foot valve/filter for obstructions clean where needed
- some air can be in the pump head - reprime if necessary
- check suction and discharge lines for obstructions
- verify the o-rings in the check valves are not swollen or damaged

**SP SERIES REPAIR KITS**  
**SPHCL18012000**  
**SPFCL12152000**

**ALL KITS INCLUDE:**  
**1-DIAPHRAGM**  
**2-CHECK VALVES**  
**(SUCTION & DISCHARGE)**  
**1-DIAPHRAGM O-RING**