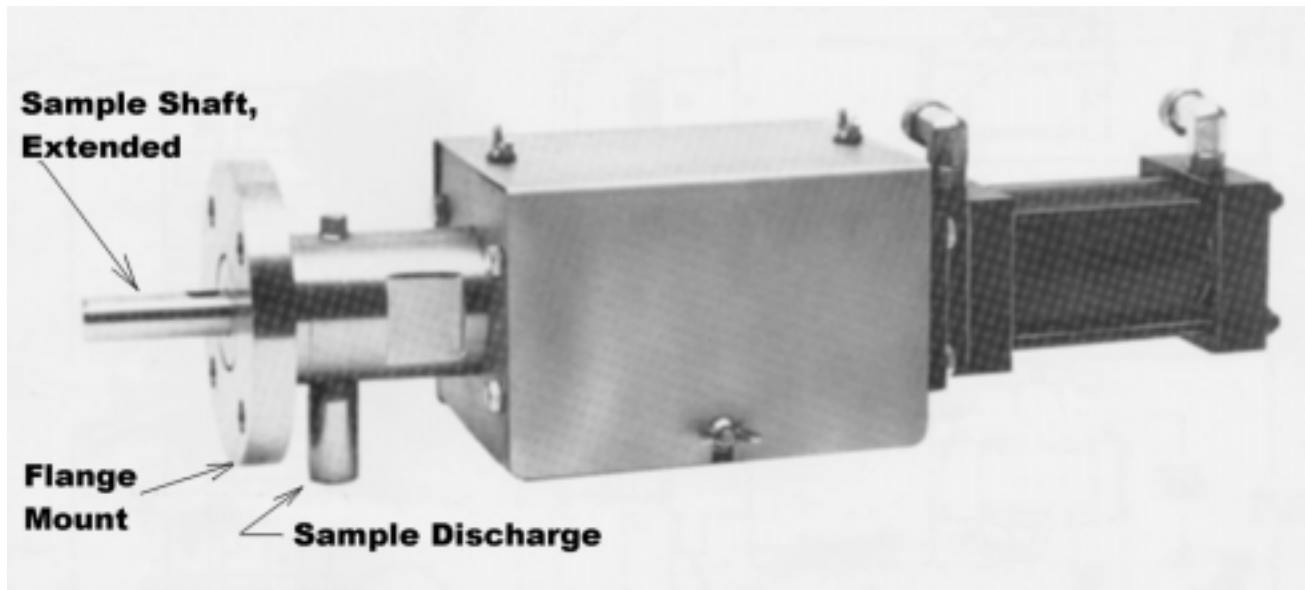




## PRODUCT BULLETIN

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# LF Model Liquid of Slurry Sampler For Use In Pipes or Tanks



**Model LF** — is an industrial sampler for a wide viscosity range of liquid samples from liquid lines or tanks. Optionally operates in closed system or can be supplied jacketed or purged. Manual or automatic operation of controller. Sizes and capacities determined by your application.

### **MOUNTING**

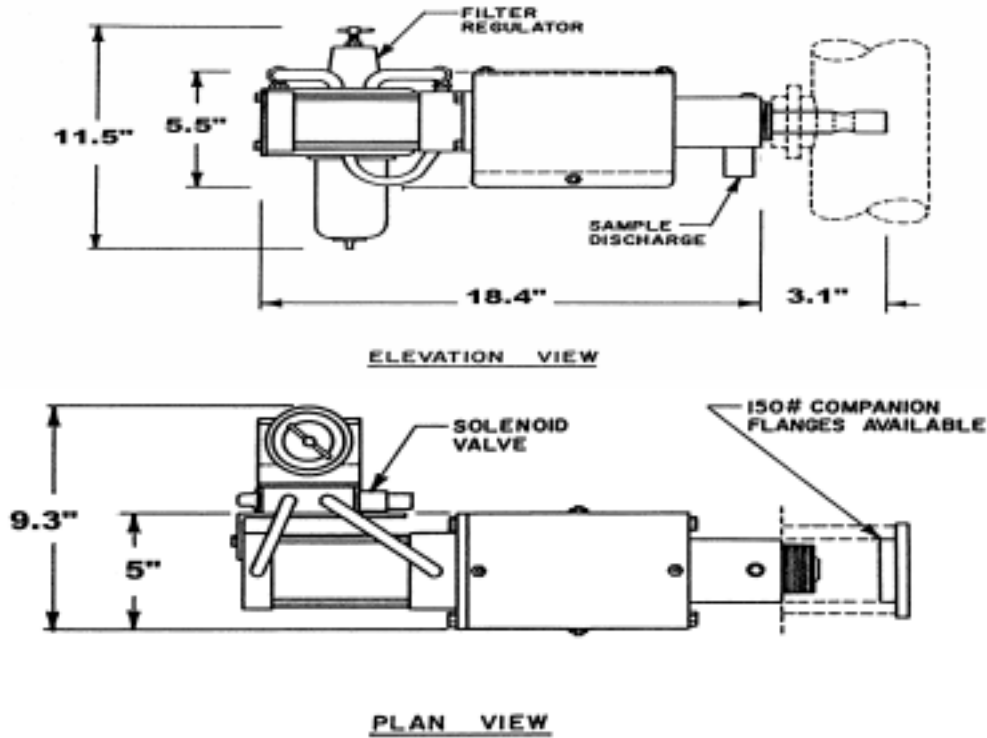
The sampler is mounted perpendicular to the wall of a tank or pipe line by a tank flange or a matching 150 lb. flange.

### **OPERATION**

At the direction of a controller (by time, by count, or manual, a solenoid-activated air cylinder moves the sampling shaft (1" Dia.) into the liquid. The sample is collected in the shaft's cavity (8 cc cavity standard); the shaft retracts and seals the line. The sample is delivered to a collection container by gravity, leaving virtually no residue to contaminate the next sample.

### **CONSTRUCTION**

316 stainless steel is the standard material of construction, with a tolerance of .005" between shaft and housing. Mechanical Teflon seals rated at 150 PSI are standard. Other construction materials available as required.



All Measurements Are Approximate. Specifications subject to change without notice or obligation.

**BASIC UNIT**

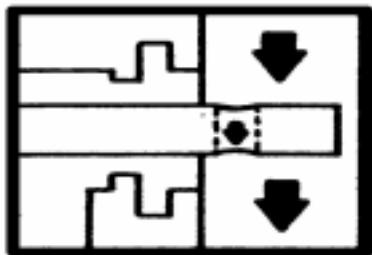
Includes solenoid, air filter, regulator and gauge. Standard controller for manual or automatic operation. NEMA 4, 7, 9 and 12 available. Counter also available.



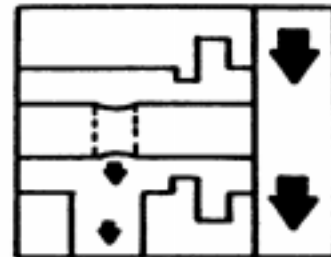
**POWER REQUIREMENTS**

Electric: 110V, 1 Ph/60 Hz  
 220 V/1 Ph/50 Hz available  
 Pneumatic: 5 CFM @ 50 to 60 PSI.

**WEIGHT:** 27 pounds.



**Tube Extends for Sampling**



**Tube Retracted and Sealed**