

# Chemical Drum Pumps Installation Manual

## ⚠ CAUTION

Chemical drum pumps is designed to be used ONLY with gasoline, diesel, engine oil, water, acid, alkali, the adblue, alcohol, toluene, Uric acid and so on. DO NOT use this pump with grease, glue or any other high viscosity of the liquid and solid that will damage the impeller and vane and the pump body.

Chemical drum pump is a hand -operated, self-priming pump designed to move fluids (such as gasoline, diesel, engine oil, water, acid, alkali, the adblue, alcohol, toluene, Uric acid and so on) from barrels with 2"NPT bung at a rate of 10 gallons per minute.

Use the information in Figures 1-2 to inventory your shipment.

Ref	Description	Qty
A	Output Pipe	1
B	Rotary pump body	1
C	Bung adapter	1
D	Pump input standpipe	1
E	Standpipes	2
F	Filter Screen	1

### Specifications:

Maximum Rate of Flow ..... 10Gal/Min  
 Priming.....Self-Priming  
 Maximum Standpipe Length.....40"  
 Bung Adapter Diameter.....2"NPT  
 Pump Body .....PP  
 Impeller.....PP  
 Vane.....PPS  
 Seal.....Viton  
 Screws and nuts.....304SS

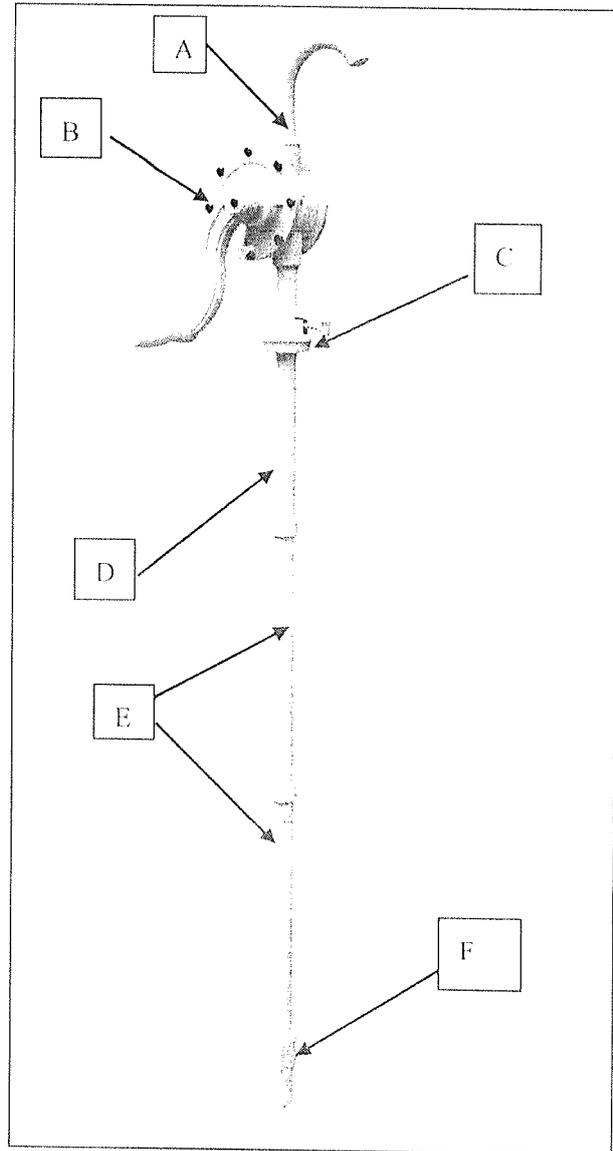


Figure 2. Chemical drum pump

## Assembly

1.Thread the gooseneck pipe into the top of the pump assembly.

**Note:**The threads on the pipe segments are designed to form an adequate seal when tightened by hand.Over-tightening may damage there threads.

2.Thread the pump input standpipe into the botton of the pump assembly.then slide the two-part bung adapter onto the standpipe so that its threads are facing down.

3.Thread the remaining two standpipes together,then thread them onto the input standpipe.

4.Install the filter screen onto the bottom of the assembled standpipe.

5.Optionally.fit the expandable output flex-hose over the end of the gooseneck pipe.

## Operation

1.Insert the standpipe into the bung of the barrel,then thread the lower part of the bung adapter onto the bung-hand tighten only.

2.Slide the top part of the bung adapter down over the top of the lower part and hand-tighten it to secure the standpipes in place.

3.When ready to pump.rotate the handle clockwise to begin the flow of fluid.

## Maintenance & storage

After use.wipe the outside surfaces of the pump assemble dry,then store it in a well-ventilated protected area.

There are no serviceable parts inside the pump housing.