

## INSTALLATION INSTRUCTIONS

### HELLER-ALLER PITCHER PUMP MODEL PHB

#### STEP 1. SELECTING THE PUMP LOCATION

Place the pump over the sink top in the exact location where the pump is to be installed.

#### STEP 2. LOCATING THE PUMP

Mark the four mounting holes on the sink top. Drill the four holes in the sink top using a 5/16-inch drill bit. Do not mount the pump at this time.

#### STEP 3. LOCATING THE WATER SUPPLY LINE

Using the enclosed template, place it on the counter top matching the four holes, which were drilled in step 2. Mark the center of the circle. This is the location of the water supply pipe. Drill the hole 1 7/8 inches in diameter in the sink top. This is the opening for the water supply line.

#### STEP 4. ATTACHING THE WATER SUPPLY LINE

Attach a pipe 1-1/4 inches in diameter (either galvanized or PVC) to the pump. The length of the pipe is to be determined by the water supply pipe located under the sink. If using galvanized pipe be sure to use thread sealing compound or tape before assembling the pipe into the base of the pump. Tighten firmly.

#### STEP 5. CONNECTING THE WATER SUPPLY LINE

Connect the water supply pipe and the pump pipe to each other. This can be done by using a universal connection for galvanized pipe or if using PVC pipe, use a pipe connection

#### STEP 6. MOUNTING THE PUMP

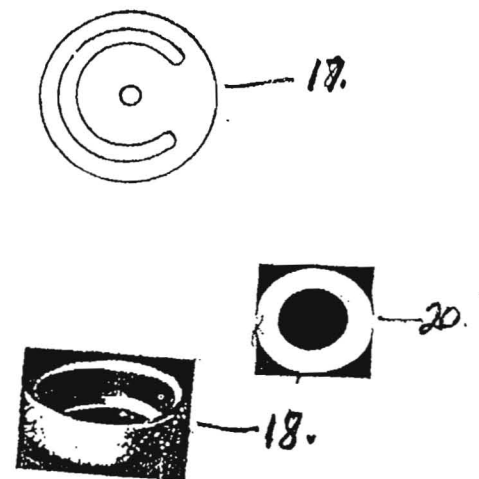
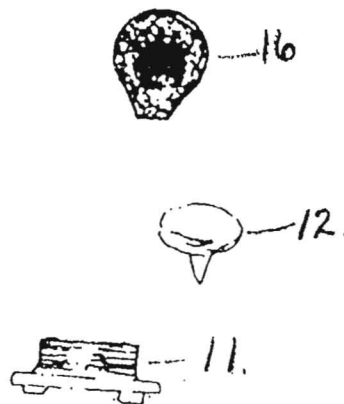
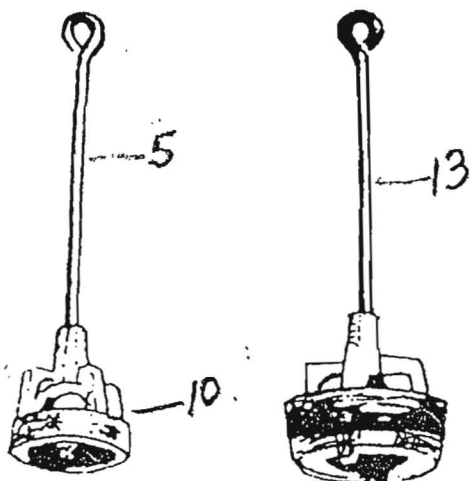
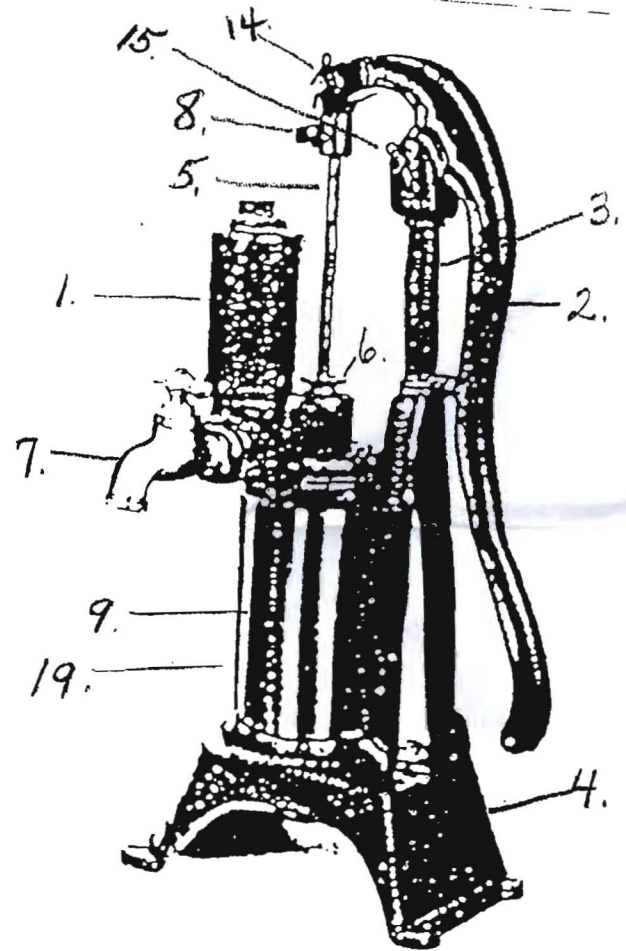
Mount the pump to the sink to using four 5/16" x 1 1/2" bolts. (Bolts not supplied). Tighten securely.

#### STEP 7. PRIMING THE PUMP

Remove the prime plug on the top of the spout casting. This will permit you to pour water into the cylinder while you are pumping water. When the cylinder is full and water is coming out the spout the pump is primed. Replace the prime plug. It will stay primed as long as the handle is left in the down position when the pump is not in use. When installed in a location where freezing is possible. When finished using pump raise pump handle all the way up and hold there approximately 10 seconds. This opens the lower valve, which will allow water to drain from the pump and supply line. It may be necessary to prime your pump when you are ready to use it again.

IF YOU HAVE ANY QUESTION PLEASED CALL YOUR SUPPLIER. THANK YOU FOR BUYING A HELLER ALLER PUMP.

- 1 B-1 Spouting Casting
- 2 B-2 Handle
- 3 B-3 Handle Bearer
- 4 B-4 Cast Base with Ears
- 5 B-5 Plunger Rod
- 6 B-6 Stuffing Bos Nut, Brass
- 7 B-7 Hose Bibb
- 8 B-8 Malleable Eye with Set Screw
- 9 B-9 Brass Cylinder
- 10 B-10 3" gage
- 11 B-11 3" Follower
- 12 B-12 3" Poppet
- 13 T-6 Plunger Complete with Rod
- 14 B-15 Clevis Pin 7/16" x 1 1/2"
- 15 B16A Clevis Pin 7/16" x 2 1/4"
- 16 T-5 Valve Weight
- 17 B-17 LV 275 Leather
- 18 B-18 CL 300 Leather
- 19 B-19 5/16" x 8" Bolts (2)
- 20 B-20 708 Leather Gasket



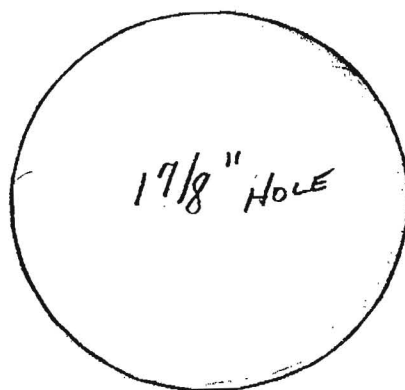


HANDLE SIDE

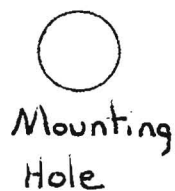


TEMPLATE FOR MOUNTING  
FIG. T AND PHB PITCHER PUMPS

Mounting bolts holes should be a minimum of  
 $5/16$ " in diameter



Pipe Hole



SPOUT SIDE

