



## **WASH SYSTEM PACKAGE MANUAL - Glass Claw Washer**

Bob-White Systems' Wash package makes cleaning your equipment easy and efficient. To ensure that your equipment is cleaned properly, follow the installation instructions below.

### **PACKAGE COMPONENTS**

- Wash Sink (choose one)
  - Single Basin Sinks \_\_\_22" \_\_\_29" \_\_\_36" \_\_\_49" \_\_\_60" \_\_\_72"
  - Double Basin Sinks \_\_\_22x22" \_\_\_22x29" \_\_\_22x36" \_\_\_22x49" \_\_\_29x29"
- Brackets (choose one)
  - Leg Brackets
  - Wall Brackets
- Drain Sink for claws
- Bucket Hanger (x2)
- Claw Washer, 10" Glass
- Brass Faucet
- Equipment Cleaning Package
  - 10lb Dairy Equipment Cleaner
  - Long Equipment Brush
  - Inflation Bore Brush
  - 5/8" Hose Cleaning Kit
  - Milk Pail, 13QT Lightweight Stainless Steel

### **INSTALLATION**

#### **Step One:**

Locate your water source and mount the horizontal wash vat accordingly.

#### **Step Two:**

Mount drain sink on edge of wash vat and clip 5/8" hose up on the edge of the sink to stop from draining during wash cycle.

#### **Step Three:**

Install claw washer.

- 1) Claw washer should be installed on the wall, 12 to 16 inches above the top of the tub, where the milker units will be in to wash.
- 2) The drain hose on the bottom of the washer with a check ball, should be about 3 inches from the bottom of the tub. The elbow on top of the washer is a vacuum inlet; install a valve or level stall cock to shut off vacuum supply when not in use.



- 3) Performance of the claw washers may vary from one installation to the next, as some vacuum systems may be at a higher or lower vacuum level.

**Step Four:**

Prepare for cleaning by filling the drain tub up with a rinse or cleaning solution (shut-off valve should be closed). See recommended wash cycles on following page.

**Step Five:**

Prepare milkers for cleaning by detaching the hoses from the bucket lid. Then attach the milk hoses to the ports (up to six) on the washer. Place the claw units facing down with the inflations in the water. If using less than six units, seal open ports with port plugs. *\*This set-up creates an in-place washing cycle, allowing the water to be taken in through the claws and exit out of the claw washer hose with check valve.*

**RECOMMENDED CLEANING INSTRUCTIONS**

**Cycle One:**

Hot water rinse: This step removes most milk residue and is very important to do immediately after milking to eliminate hardening. Fill tub up with 2-3 gallons of at 100(+)<sup>o</sup>F water. Allow rinse to cycle twice, then drain the tub. Repeat once more.

**Cycle Two:**

Hot water detergent wash (gloves recommended): This step removes additional proteins and fats left behind by milk residues. Fill tub up with 2-3 gallons of 100(+)<sup>o</sup>F water and about 1/4 cup detergent (see detergent label for specific quantity instructions). Allow solution to cycle twice, then drain the tub. Repeat once more.

**Cycle Three:**

Acid Rinse (covering nose and mouth recommend): This step removes residual detergent and prevents milkstone buildup. The acid rinse leaves surfaces with an acidic pH environment, which discourages bacteria growth. Fill tub up with 2-3 gallons of 100(+)<sup>o</sup>F water and roughly 1/6 cup acid (see acid label for specific quantity instructions). Allow the solution to cycle twice, then drain the tub. After rinsing, the equipment must dry thoroughly.

**Cycle Four:**

Sanitize: This step should happen immediately before milking. Fill tub up with 2-3 gallons of 100(+)<sup>o</sup>F water and roughly 1 oz dairy sanitizer (chlorine solution) (see sanitizer label for specific quantity instructions). Allow the solution to cycle twice, then drain the tub.