



**ABANAKI**  
CORPORATION

17387 Munn Road  
Chagrin Falls, OH 44023  
Phone: (440) 543-7400  
Fax: (440) 543-7404  
**1-800-358-SKIM (7546)**  
[www.abanaki.com](http://www.abanaki.com)

# EconoMixer™ 200

## Installation

Please use this equipment carefully and observe all installation steps and warnings.  
Refer to picture on backside of this sheet for EconoMixer part names.

### SPECIFICATIONS:

Rated: 3 gpm  
Inlet: 3/8" mpt  
Outlet: 1/2" mpt  
Mixing range: 15:1 up to 45:1

### INSTALLATION:

**Step 1.** Remove 2" bung cap from customer drum.

**Step 2.** Insert EconoMixer 200 into drum and screw pump bushing into 2" female thread in drum. Tighten thumb screw.

**Step 3.** Connect water line to 3/8" mpt on mixer main body, using a 1/4 turn water shut-off valve. **DO NOT USE SREW STYLE WATER VALVE.**

**Step 4.** Attach a 4ft. discharge hose, or pipe, to the 1/2" mpt on mixer main body. Note: Discharge hose specifications: 1/2" I.D. minimum, 4 ft. length **MAXIMUM**.

**Step 5.** Open water valve and after emulsion is dispensed, check proportion (water and oil ratio) and adjust top dial on mixer main body as necessary. **Note:** Adjusting dial does not indicate proportions, but serves as numbered guide.

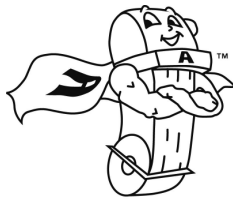
**IMPORTANT:** A refractometer is recommended to determine mixer dial settings for specific ratios. Your fluid supplier should suggest the correct model refractometer.

Turning dial clockwise reduces oil consumption, turning dial counter-clockwise increases oil consumption. After final dial setting is established, lock nut under dial should be utilized to prevent unauthorized changes.

Turning dial clockwise (right) will bottom needle-valve on seat in mixer body. (no base fluid can enter mixing chamber – 0 on dial will be in line with pointer) Turning dial counter-clockwise (left), will progressively open chamber. **NOTE:** Four (4) full turns (counter-clockwise) is **MAXIMUM** opening for base fluid delivery.

### WARNINGS:

1. Minimum of 25# operating water pressure required.
2. Soluble and synthetic oils, chemicals, drawing compounds, etc., should not exceed 550-600 viscosity at 100°F – SUS (Saybolt Universal Seconds)
3. Longer lengths and smaller I.D. discharge hose or pipe will cause mixer to malfunction.
4. **NO** hose fitting, shut-off valve, nozzle, quick disconnect coupling, or restriction of **ANY** kind permitted at the end of discharge hose. Reducing of vacuum will result, not permitting base material to be sucked into mixing chamber of mixer unit.
5. Quick disconnect couplings **SHOULD NOT** be used at **WATER INLET** of mixer unit.



**ABANAKI**  
CORPORATION

17387 Munn Road  
Chagrin Falls, OH 44023  
Phone: (440) 543-7400  
Fax: (440) 543-7404  
**1-800-358-SKIM (7546)**  
**www.abanaki.com**

# EconoMixer™ 200

## Installation

