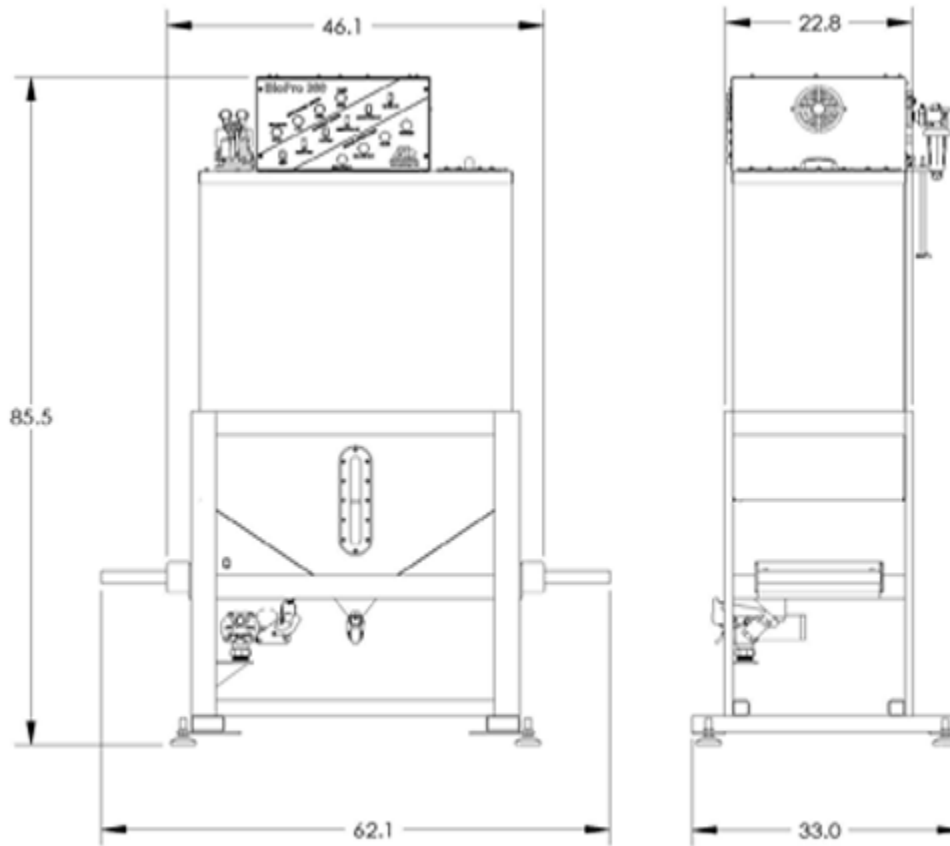


# BIOPRO 380 SPECIFICATIONS

## BioPro 380 Specifications



### Processing Capacity

One 100 gallon batch every 48 hours

(Short batches of 50 and 75 gallons may be run)

### Ingredients

100 gallons of vegetable oil (feedstock)

20 gallons methanol

3040 grams (6.7 lbs) NaOH (lye or 4700 grams (10.4 lbs) KOH (caustic potash)

380 mL (1.6 cups) sulfuric acid

90 gallons standing fresh water or pressurized source (spigot)

### **Power Requirements**

Outlet for 230 VAC and for 115 VAC

(50 Hz units available for outside the U.S. country-region)

### **Reaction Method**

acid catalyzed esterification/base catalyzed transesterification

### **Wash Method**

Three stage water wash

1. Spray wash.
2. Turbulent wash.
3. Turbulent wash, followed by evaporative drying cycle Operation PLC controlled automated mode, with switch actuated manual overrides.

**Weight (crated) 670 lbs**