



## Aeration and Mixing Unit Commercial and Municipal Submittal

### The Bubbler Aeration and Mixing Unit

Superior, fine-bubble, aerator mixing unit for use with Micro-Solve®, will bust through and devour solid grease.

- Fine-bubble diffused air
- Increases bioremediation
- Low maintenance
- Energy efficient
- Stainless steel frame elevated or chain suspended
- Low noise, no oil compressor (see pg 2)
  - Aluminum, all-weather protector
  - Adjustable timer option
  - 1 hp piston driven



### Enhanced Bioremediation

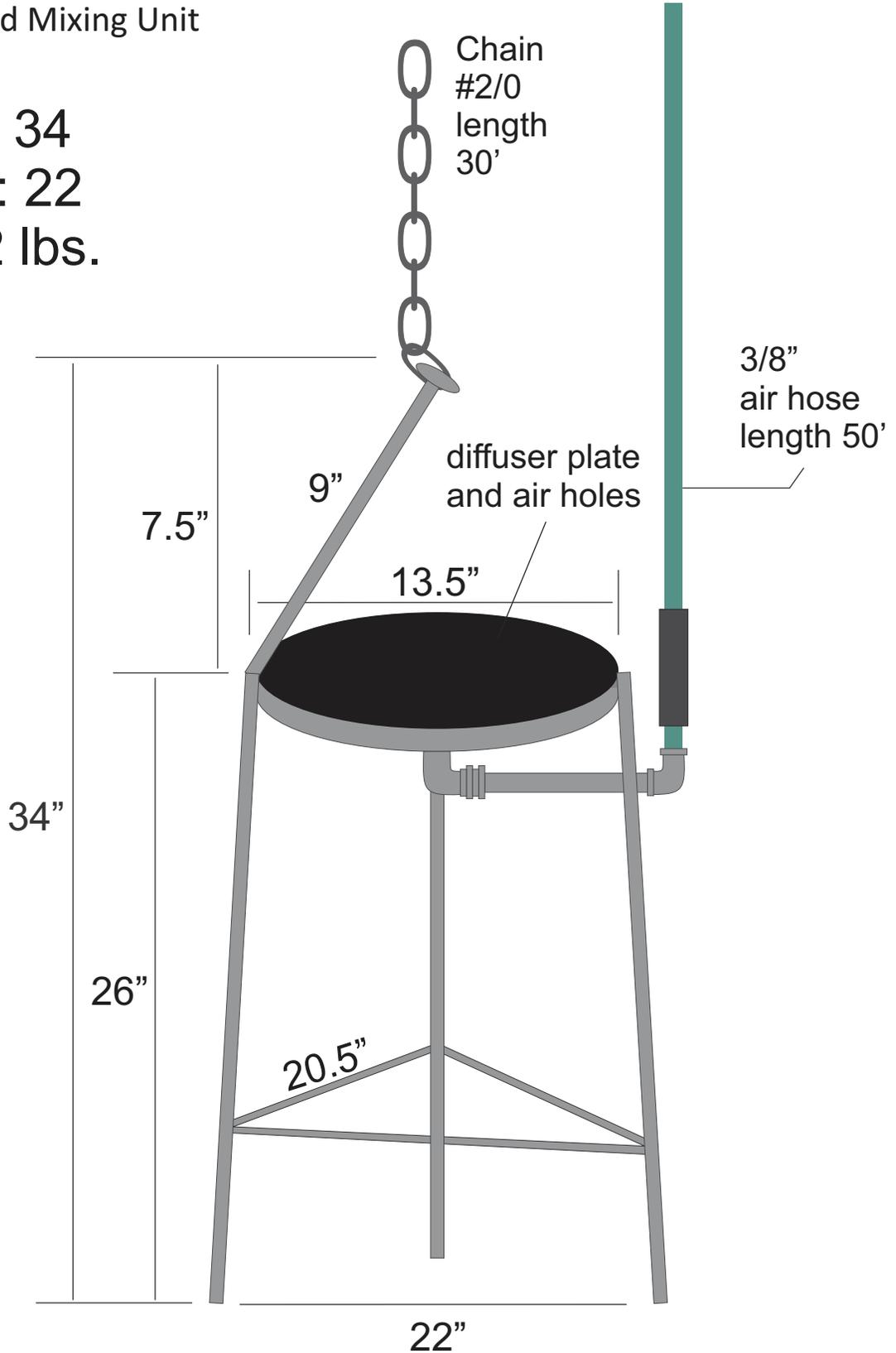
The Bubbler Mixer and Aerator System adds diffused oxygen to the septic environment, turning the anaerobic environment into more of an aerobic environment. The oxygen also aids in mixing Micro-Solve® with the wastewater, softening grease and releasing nutrients to stimulate the population of naturally occurring aerobic, anaerobic and facultative microorganisms. These microorganisms then actively consume and metabolize the solubilized grease and sludge along with the newly available micro-nutrients. In addition, Micro-Solve® amplifies and accelerates the power of the natural bioremediation process to proactively eliminate build-up of grease and sludge and stop them from re-solidifying down stream. Micro-Solve® also aids in phase oils separation.

*See Micro-Solve the submittal for more information on this product.*

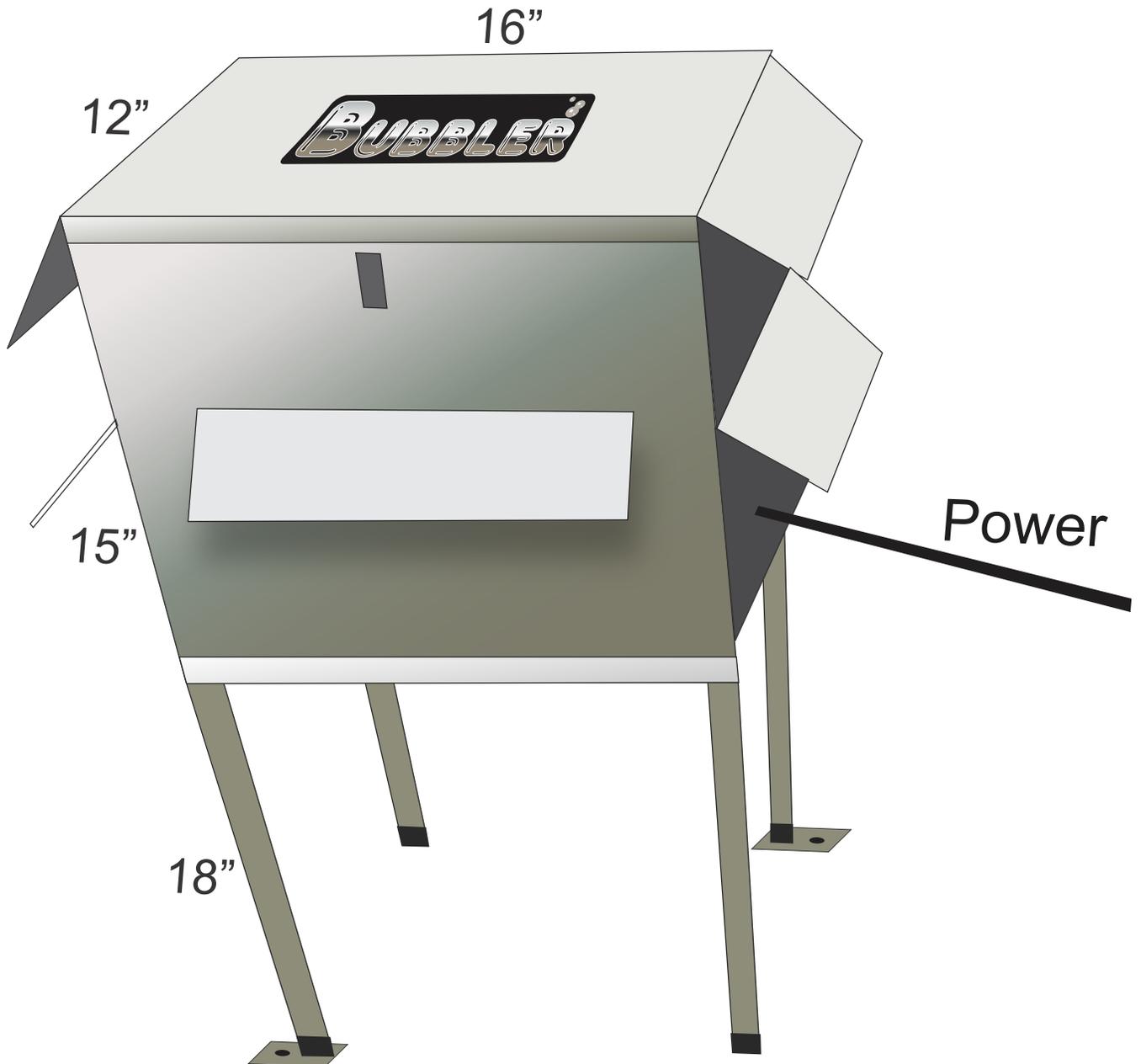


Aeration and Mixing Unit

H: 34  
W: 22  
12 lbs.

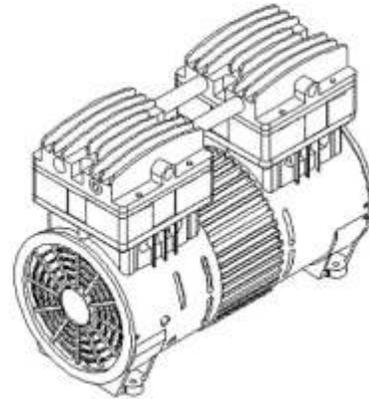
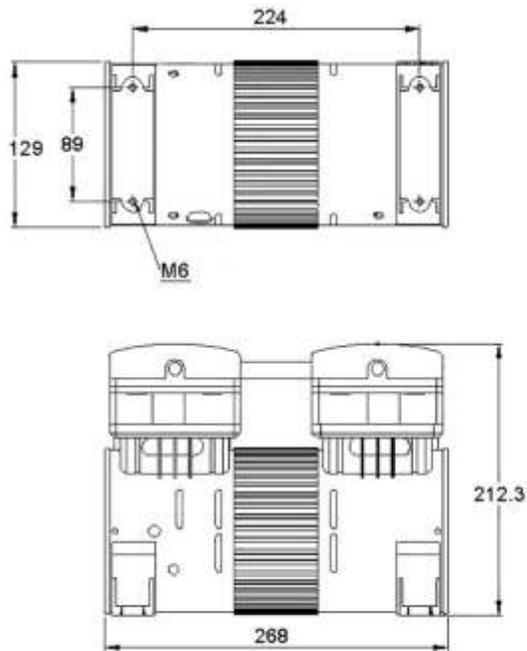


# Compressor Box and Stand



## CAT-MP100LF

Ultra Quiet & Oil-Free Air Compressor Pump/Motor



## CAT-MP100LF

The **CAT-MP100LF** is designed to be one of the quietest motors in the industry having only 60 decibels of sound. The powerful 1.0 HP motor operates at only 1400 RPM creating less noise and less wear. The Oil-Free Dual Piston Pump System is engineered for high performance and durability. The Dual Piston Pump System produces 25% more air compared to other 1.0 Hp air compressor motors. The MP100LF motor/pump is tested for a minimum life of 4000 hours before wear, 30% longer than the MP100 motor/pump.

1.0 Hp (Running / Rated) 2.0 Peak  
Ultra Quiet & Oil-Free Motor 60 decibels  
4.00 CFM @ 40 PSI  
3.00 CFM @ 90 PSI  
Less maintenance and Costs.  
Thermal Overload Protector  
125 PSI Maximum Pressure  
Low Amp Draw - 7.6 Amps  
110v / 60 hz  
23 pounds