



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

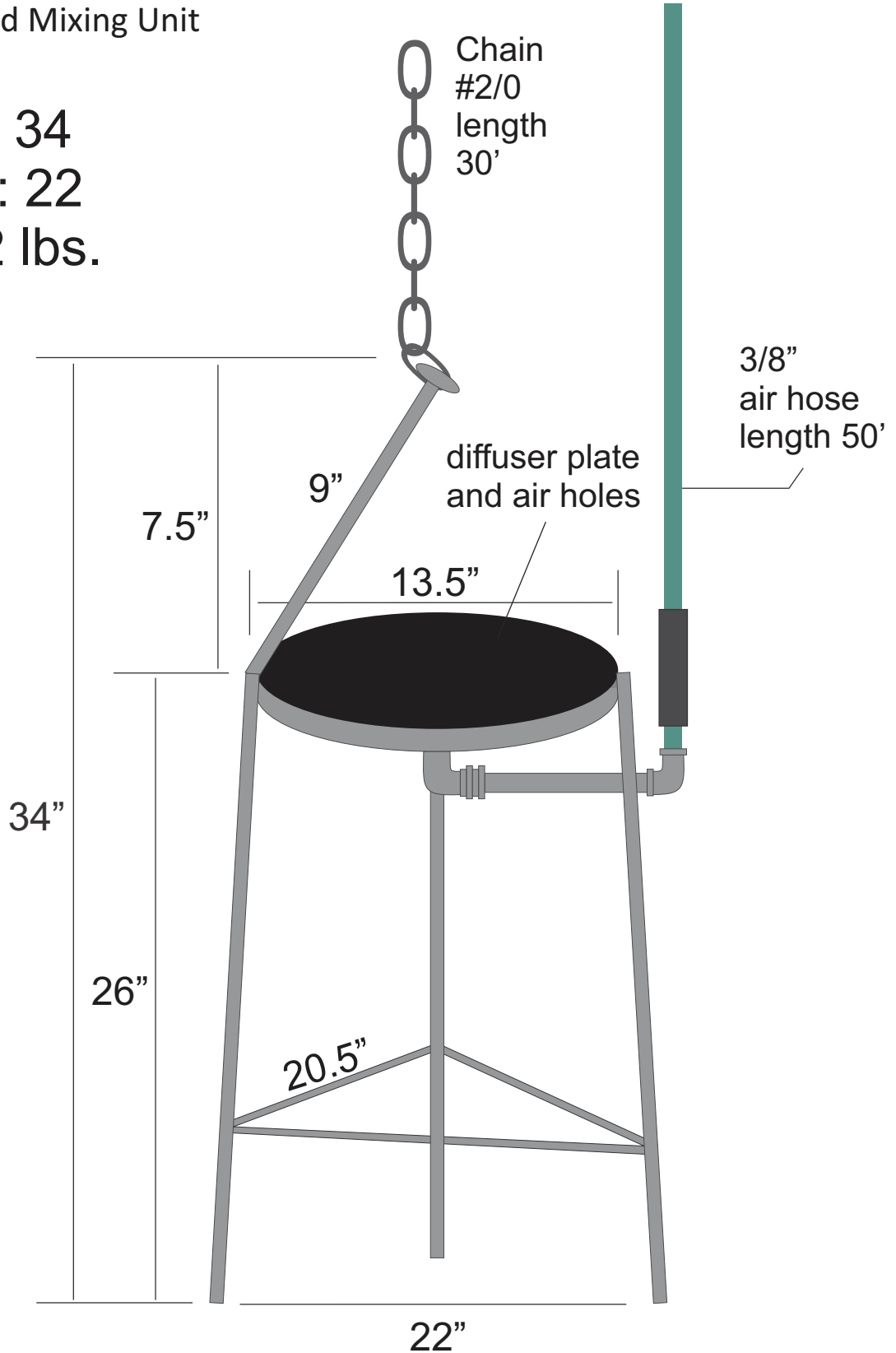
The Bubbler Mixer and Aerator System adds diffused oxygen to the septic environment, turning the anaerobic environment into more of an aerobic environment. The oxygen also aids in mixing Micro-Solve® with the wastewater, softening grease and releasing nutrients to stimulate the population of naturally 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.



Quick Facts

Systems Include:

- Rocking Piston Compressor(s)
- Weighted Tubing

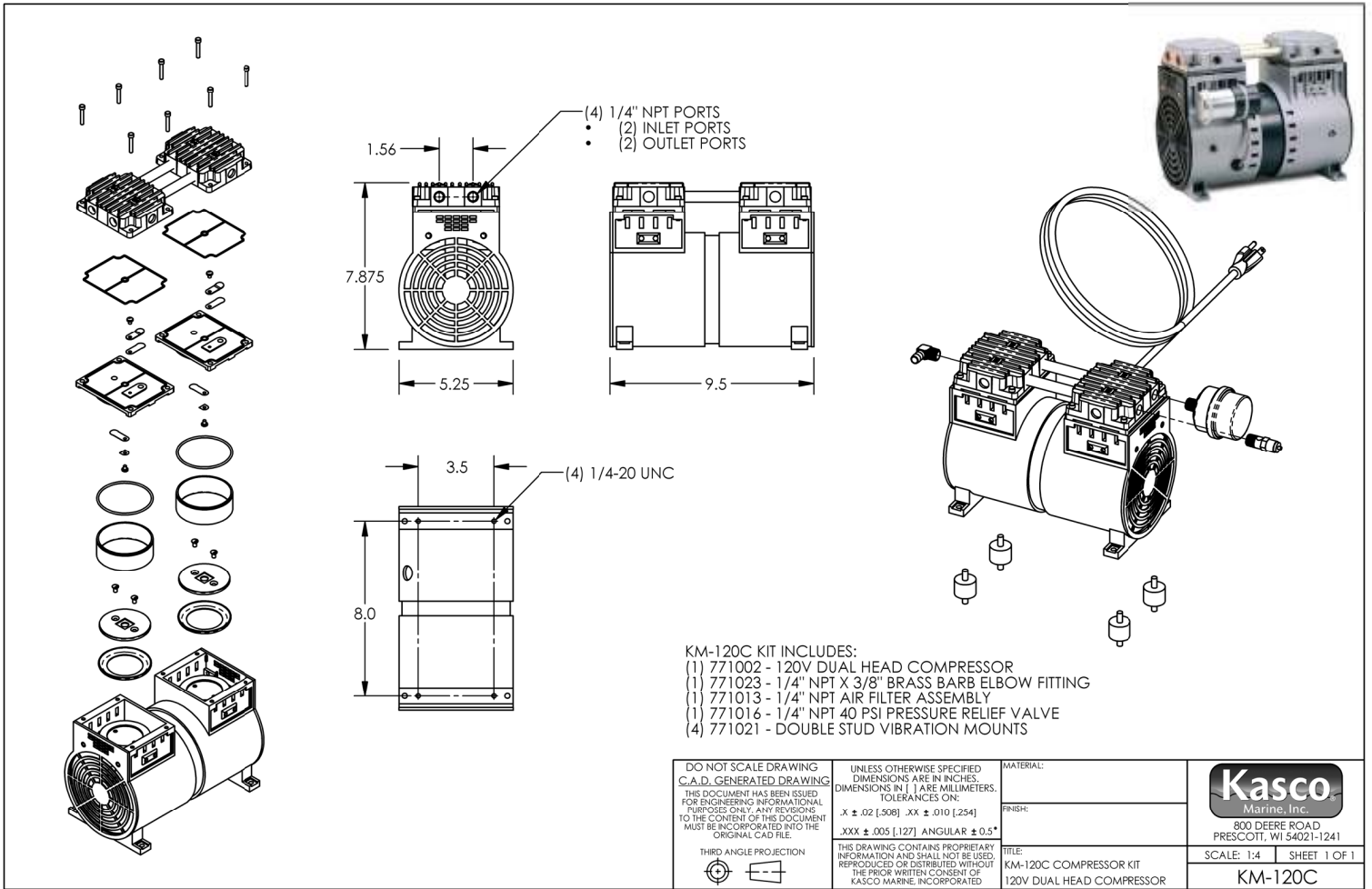
Compressor

- Teich-Aire KM-120C
 - 1/2HP, Oil-less piston compressor
 - Continuous Duty Rated
 - 115V (KM-120C) 4.0 amps @ 20 psi
 - 230V (KM-120HC) 2.0 amps @ 20 psi
 - 4.9 CFM @ 5 psi; 4.0 CFM @ 25 psi
 - 40 psi pressure relief valve
 - Ramped reed valve
 - Heat resistant tubing
 - Paper air filter element
 - Can supply up to 3 diffuser heads
 - UL/CSA Recognized

Miscellaneous

- Designed for 24-hour operation with minimal maintenance
- Inlet air filter visual maintenance indicator
- Patent Pending noise cancelling design to dramatically reduce compressor sound

KM-120C Diagram



Compressor Box and Stand

