

# Model 200 Aerator



**Mobile Unit for Construction Sites and Remote Locations**

**EASY TO OPERATE**

User-friendly interface

**PORTABLE**

Conveniently transfer to any location

**RELIABLE**

Quality USA handcrafted equipment

**PREDICTABLE**

Precise air percentage on demand



**ASTM C260 CERTIFIED**

**APPLICATIONS**

- ⇒ **LIGHTWEIGHT STRUCTURAL**
- ⇒ **FLOWABLE FILL**
- ⇒ **PRECAST AND MORE ....**



# Model 200 Aerator



## Product Name:

### Model 200 (up to 14 CFM)

Measurements: 2' X 3' X 4'

Weight: 220 lbs.

1 Lens

Precast installation

Requires: Compressed air (16 cfm @ 120 psi), Water (15gpm @ 40-60 psi)

Available as a standard console or mounted in a job site truck.

## Manufacturer:

Cellular Concrete Technologies, LLC

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Web: <http://cellularconcrete.com>

E-mail: [stableair@cctatt.net](mailto:stableair@cctatt.net)

## Product Description:

Stable Air® concrete technology is an **air-entrainment system** for producing high strength lightweight cellular concrete that is much more cost efficient than conventional systems.

Model 200 is a mobile unit for construction sites and remote locations. Designed for the concrete producer or concrete contractor who needs to entrain concrete on the job site rather than a batch plant, this unit can be coupled with a self starting air compressor and become completely self contained where the only requirement on site is a 15 gpm water source.

## Uses:

Stable Air is recommended for use in all ready-mix, precast, pre-stress and other concrete products where the

intentional entrainment of a specified level of air is required. Stable Air® has been found to be particularly effective in both high cement factor and low slump concrete mixes, which require a very efficient air-entraining admixture. Stable Air® is also often utilized when a very stable air void system over time is required.

## Product Advantages:

The percentage of air content specified, or the weight per cubic foot specified, can be predictably and accurately controlled. Air stability makes it particularly useful for longer transit times. The loss of air content through normal processing operations (mixing, transporting, pumping, placing and finishing) is very low. Stable Air technology functions well across a wide range of concrete materials and is economical to use in concretes which are typically difficult to air entrain.

## Performance:

Air is incorporated into concrete via mixing mechanics and stabilized into millions of discrete semi-microscopic bubbles in the presence of Stable Air®. These air bubbles act much like flexible ball bearings, increasing the plasticity and workability of the concrete. This allows for reductions in mixing water with no loss of slump. Surface bleeding, plastic shrinkage and aggregate segregation are also minimized. Through the purposeful entrainment of air, Stable Air markedly increases the durability of concrete to severe exposures, particularly freeze-thaw cycling. It has also demonstrated a remarkable

ability to impart resistance to the action of frost.

## Addition Rates:

Stable Air addition rates will vary according to the specified level of air required. Addition rates are also influenced by mix design parameters, material properties of the cement, fly ash, coarse and fine aggregates, and other admixtures. Also, ambient and concrete temperature, mixing time and time of addition can affect the required dosage rates. It is recommended that pre-job testing be conducted to assure the correct dosage rate of Stable Air.

## Basic Instructions:

1. Connect external surfactant, power, air and water intake lines.
2. Calculate the run time per desired amount of Stable Air.
3. Set the Aerator run time.

## Pricing:

Call US Toll Free (877) 828-1954 or (949) 754-0570 to order yours today!

## Accessories:

Enhance your air-entrainment system with these and other custom accessories:

- Air Compressor
- 2" x 20' Camlock hoses
- Netbook Computer
- Scales



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