

FOAM GENERATORS

for Use With Cellular Concrete

Pressure Tank Generators

Cellular Concrete Foam Generators may be sized for any production rate, and are for use with either continuous or batch mixing systems. Pressure tanks are supplied in sizes from 30 to 200 gallon capacity to accommodate the project size.

All units include a calibrated foam nozzle with fixed foam discharge rates from 5 to 40 CFM (depending on flow needed).

Where continuous foaming operation is desired, two tanks of equal size may be coupled together in parallel, so one may be discharging foam while the other is being refilled without stopping production. (See picture of DT-200, bottom right)

Foam generators are also available with electric, gasoline or diesel powered air compressors mounted onto the tank units for use on projects where adequate volumes and pressures of compressed air are not available from another source.



T200, T80, T30 (left to right)

Pressure Tank Generator Features:

- ASME coded, internally epoxy coated tanks
- Air metering and premix metering assembly system
- Premix metering assembly consisting of pickup tubes, strainers, and metering device
- Calibrated nozzles with a nominal discharge rate of 5cfm, 10cfm, 20cfm, or 40cfm. Includes delivery hose (choice of 1/2" or 3/4")
- Manual controls standard, AC or DC timer with solenoid valves are available
- A complete Owner/Operator Manual is supplied with each unit

Minimum Air Requirements

T30 - 7-15 cfm at 80 psi
 T80 - 15-30 cfm at 100 psi
 T200 - 30-60 cfm at 110 psi
 Auto - Contact CCS Staff
 Lab Unit - Contact CCS Staff

Average Foam Production per Unit

Generator Model	Average Foam Production (ft ³)	
	Protein	Synthetic
T30	80	120
T80	213	320
T200	534	801
Auto	Continuous	Continuous

Notes: Protein Foam Density is 3.2 lb./ft³

Synthetic Foam Density is 2.0 lb./ft³



Standard or Custom Systems
 Built to Your Specifications



FOAM GENERATORS

for Use With Cellular Concrete



Auto-Foam™ Generators

Our Auto-Foam™ Generator siphons foam liquid foam concentrate directly from the concentrate's container. The liquid foam concentrate is metered with water to produce a premixed solution with the proper concentration ratio. This solution is then pressurized and balanced with an air source (not included). Air and the premix solution are then metered through a foam nozzle, whose output can be varied by the Auto-Foam Generator. The nozzle is designed for the production of a fine, micro bubbled foam of a specific density and quantity.

The Auto-Foam Generator is compact and easy to transport. A complete Operator manual is supplied with each unit. We will be glad to design a specific unit to meet your requirements.

Lab Unit

Cellular Concrete Solutions manufactures state-of-the-art, portable, lab foam generators for producing accurate mix design results in the laboratory.



The transportable units meet varying production flow of up to three cubic feet per minute of foam. The unit can be removed from its case for easy cleaning.



Calibrated foam nozzles with fixed foam discharge rates from 5 to 40 CFM are available for both the pressure tank foam generators and the AutoFoam™ Generators.



CELLULAR CONCRETE SOLUTIONS™

MEARLCRETE® DIVISION

7020 Snowdrift Road, Suite 102

Allentown, PA 18106

Tollfree: (888) 235-5015

Phone: (610) 398-7833

Fax: (610) 398-7050

www.cellular-concrete.com

info@cellular-concrete.com