

ACCURATE THERMAL SYSTEMS FLUIDIZED TEMPERATURE BATHS

APPLICATIONS

Thermal cleaning of tooling including:

- breaker plates
- dies
- nozzles
- tips
- screens
- metal filters
- flanges
- hardware
- paint hooks
- hardware
- and many more.....

General heat treatment of devices & materials

Heating of reactors

BENEFITS

Large working volume – 8.3” diameter by 12” depth in parts basket

4500 watt heat capacity for fast heat up

Safer to the operator and tooling versus other methods

Designed and manufactured in USA

MODEL FTBLL12E FLUIDIZED TEMPERATURE BATH



- Our most economical system
- Easy to operate for quick results
- Built rugged for years of reliable operation
- Uses safe and inert aluminum oxide sand
- Fast and efficient cleaning of tooling and parts

With over 25 years of experience with Fluidized Bath technology we have developed a range of products that offer outstanding performance, safety, features and value that are unmatched. Unlike competing Fluidized baths our systems have a seam welded tank to eliminate media loss and extend heater life.

Fluidized Temperature Baths have been the large capacity heat source of choice for over 40 years by many leading Fortune 500 companies. The thermal cleaning process breaks down all polymers and is not abrasive to immersed objects.

You too can benefit from Fluidized Bath safety, cleaning efficiency and reduced labor in your extrusion operation and tool room.

Accurate Thermal Systems

Unique Solutions for Thermal Applications

PH: 609-326-3190

MODEL FTBLL12E

FEATURES AND SPECIFICATIONS

WHAT'S INCLUDED

- Fluidized Bath
- 100 pounds of bath media
- Instruction manual

WHAT DO I NEED TO RUN THE SYSTEM

- 240 VAC, 50/60hz, 20 amp supply power
- Clean dry air supply that can deliver a fixed 40 PSI at a max flow of 3.5 CFM
- Exhaust hood for ventilation

SERVICES AVAILABLE

- Technical support
- Application support
- Installation and setup
- Maintenance



The model FTBLL12E Fluidized Temperature Bath has an easy to use dial controller for setting the bath from 100 to 1000°F. The heater light shows heater status and once flashing you allow an hour for the system to fully reach operating temperature.

Fluidizing air is manually controlled by a valve on the side of the unit. The air will need to be adjusted a few times when heating from ambient to higher cleaning temperatures and vice versa when cooling down. The bath is well insulated and safe as well as easy to use. Visit our website for videos and details on how Fluidized baths operate.



Specifications

FTBLL12E	
Temperature range	100 to 1000°F
Working volume, inches in parts basket	8 3/8" diameter x 12 depth
Overall all volume	9 1/2" diameter x 12 depth
Maximum tool cleaning capacity per batch	25 pounds
Heat up time ambient to 1000°F	140 minutes
Cool down time – 1000 to 400°F	180 minutes
Heater Power – 240 VAC	4500 watts
Air pressure & flow required, max	40 PSI, 3.5 CFM
Overall footprint, H x W x D - inches	27 x 21 x 21
Total shipping weight with aluminum oxide	185 lbs
Warranty	1 year
Order code	ATS1011
Accessories	
Retort lid	ATS1020
Parts basket	ATS1022
100 pound pail of Aluminum oxide	ATS1027
Air filter – regulator	ATS1026

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4106 Sylon Blvd
 Hainesport, NJ 08036 USA
 Ph: 609-326-3190
 Fax: 609-479-5124
 Email: sales@accuthermal.com
 Website: www.accuthermal.com