

# ACCURATE THERMAL SYSTEMS FLUIDIZED TEMPERATURE BATHS

## APPLICATIONS

Thermal cleaning of  
Extrusion tooling including:

- breaker plates
- dies
- nozzles
- tips
- screens
- metal filters
- feed pipe
- hardware
- or any other part with  
tough to remove material

General heat treatment of  
devices & materials

Heating of reactors

## BENEFITS

Large working volume –  
up to 8.3" diameter by 26"  
depth in parts basket  
depending on model

Up to 6500 watts of heat  
capacity for fast heat up

Safer to the operator and  
tooling versus other  
methods

Designed and  
manufactured in USA

CE marked

## MODEL FTBLL12, FTBLL26 & FTBLL12W FLUIDIZED TEMPERATURE BATHS



- Fully automatic Fluidizing air control
- Independent over-temperature protection
- Advanced PID temperature controller for optimum results
- Built rugged for years of reliable operation
- Cleans most tooling in under 60 minutes
- Removes all types of polymer, paint, adhesives and resins

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 offer fully automatic Fluidizing air control and an advanced PID temperature controller for thermal performance. Fluidized Temperature Baths have been the thermal cleaning source of choice for over 40 years by many leading Fortune 500 companies. The cleaning process is thermal which breaks down all polymers and is not abrasive. You too can benefit from Fluidized Bath safety, fast cleaning and reduced labor in your extrusion operation and tool room.



# MODEL FTBLL12 & FTBLL26

## FEATURES AND SPECIFICATIONS

### WHAT'S INCLUDED

- Fluidized Bath
- full charge of bath media
- Instruction manual

### WHAT DO I NEED TO RUN THE SYSTEM

- 240 VAC mains, 50/60 Hz, 20 amps for FTBLL12  
30 amps for FTBLL26 & FTBLL12W
- Clean dry air supply that can deliver a fixed 40 PSI at a max flow of 4.0 CFM
- Exhaust hood for fumes

### SERVICES AVAILABLE

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

V6 917



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The model FTBLL12 and FTBLL26 use a PID temperature controller that has four control zones for improved thermal results. Independent over temperature protection will disable heat if the temperature exceeds 615°C or in the event of a system failure. The systems are double fused for improved safety and include an RS485 computer interface for connection to a PC with downloadable software from our website.



Fluidizing air is automatically controlled by a four step process that adjusts the air flow as the system ramps up and cools down making our systems turn-key and easy to use. The flow rates can be visually verified by the front panel air flow meter.

Contact us today to request a quotation or for application assistance.



### Specifications & Ordering info

	<u>FTBLL12</u>	<u>FTBLL26</u>	<u>FTBLL12W</u>
Temperature range	50 to 605°C (122 to 1121°C)		
Working volume in parts basket - dia. X depth	8 3/8" x 12"	8 3/8" x 26"	12 3/8" x 13"
Stability at 500°C, better than -	±1.0	±1.5	±1.5
Heat up time to 600°C, 240V supply	150 minutes	180 minutes	200 minutes
Cool down time – max to 200°C	150 minutes	210 minutes	180 minutes
Power consumption – 240 VAC	4500 watts	6200 watts	6500 watts
Air pressure & flow required, max	40 PSI, 4.0 CFM		
Overall footprint, H x W x D - inches	27 x 24 x 21	41 x 24 x 21	37 x 30 x 26
Operating weight with aluminum oxide (pounds)	210	360	350
Cleaning Capacity (pounds)	25	50	60
Order code	ATS1012	ATS1013	ATS1017
Warranty	1 year		
<u>Standard Accessories</u>			
Retort lid	ATS1020		ATS1087
Extraction collar/ exhaust port	ATS1021		Included
Standard parts basket	ATS1022	ATS1024	ATS1088
Basket for use with extraction collar	ATS1023	ATS1025	N/A
Aluminum oxide – 100 pound pail	ATS1027		
Parts basket cooling stand & sieve	ATS1041		