

# ACCURATE THERMAL SYSTEMS FLUIDIZED TEMPERATURE BATHS

## APPLICATIONS

Thermal cleaning of  
Extrusion and Injection  
molding tooling including:

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

General heat treatment of  
devices & materials

Heating of reactors

## BENEFITS

Large working volume –  
up to 12.3” diameter by 26”  
depth in parts basket  
depending on model

Up to 6800 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 FTBLL 12, FTBLL26 & FTBLL 12W 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 organics including polymer, paint, adhesives, and resins

With over 30 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 50 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 AND FTBLL12W

## FEATURES AND SPECIFICATIONS

### WHAT'S INCLUDED

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

### WHAT DO I NEED TO RUN THE SYSTEM

- 220 to 240 VAC mains, 50/60 Hz, 20 amps for FTBLL12
- 30 amps for FTBLL26 & FTBLL12W
- Clean dry air supply that can deliver a fixed 50 PSI at a max flow of 8.0 CFM

### SERVICES AVAILABLE

- Lifetime technical, application and installation support
- Maintenance support

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All of our Fluidized Baths use a temperature controller that has four PID control zones for improved thermal results. Independent over temperature protection will disable heat if the temperature exceeds 1140°F 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.

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. All three models have a built in exhaust port that is either 4 or 5 inches in diameter.



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	122 to 1121°F (50 to 605°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 900°F, better than -	±2.0	±3.0	±3.0
Heat up time to 1100°F, 240V supply	150 minutes	180 minutes	200 minutes
Cool down time – max to 400°F	150 minutes	210 minutes	180 minutes
Power consumption – 240 VAC	4500 watts	6200 watts	6800 watts
Air pressure & flow required, max	50 PSI, 4 CFM	50 PSI, 4 CFM	50 PSI, 8 CFM
Overall footprint, H x W x D - inches	32.5 x 25 x 23	49 x 25 x 23	38 x 30 x 26
Operating weight with aluminum oxide (pounds)	210	335	335
Shipping weight with included aluminum oxide	215	375	375
Cleaning Capacity (pounds)	25	50	60
Order code	ATS1012	ATS1013	ATS1017
Warranty	1 year		
<b>Standard Accessories</b>			
Retort lid (weight lbs)	ATS1020 (5)		ATS1087 (10)
Fume exhaust port	4" built in		5" built in
Standard parts basket (weight lbs)	ATS1121 (7)	ATS1122 (10)	ATS1088 (12)
Aluminum oxide – 100 pound pail	ATS1027		
Parts basket cooling stand & sieve (weight lbs)	ATS1041 (31)		