

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 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.

Accurate Thermal Systems

Unique Solutions for Thermal Applications

PH: 609-326-3190

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

V4 116



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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 | | |
| 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 | 50 |
| Order code | ATS1012 | ATS1013 | ATS1017 |
| Warranty | 1 year | | |
| Standard Accessories | | | |
| 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 | | |