Accurate Thermal Systems HEPA Air Filtration unit

Model DCS 1250 Air Filtration System

- Captures visible smoke and particulate

- Easy access panel for filter replacement

- Powder coat paint for long life

- Pressure gauge for visual indication of when filters need replacing

- 6" diameter inlet and outlet

- Includes an adjustable 115 to 775 CFM blower, 120 volt

The DCS1250 was designed to be used in conjunction with our smaller Fluidized Temperature Baths (models FTBSL6, FTBLL12 & FTBLL26) to remove visible smoke and particulate from the exhaust stream when tooling from a limited number of extrusion lines needs to be thermally cleaned. Not intended for heavy cleaning loads or more than 1 shift operations.

(For heavier cleaning loads see our model DCS2500) The DCS1250 requires 120 volt power for the included blower fan. Contact us for technical details and drawings on how to connect and plumb up the system.

Accurate Thermal Systems

Unique Solutions for Thermal Applications

PH: 609-326-3190

MODEL DCS1250

FEATURES AND SPECIFICATIONS

DCS1250 footprint

15" D

The DCS1250 has a relatively small footprint as shown and is only 55" tall. It can be mounted to the wall with the optional mounting kit or remain free standing. We recommend placing in a location that offers 4 or 5 feet of space around the unit to access the filters and for ductwork connection and maintenance.

WHAT'S INCLUDED

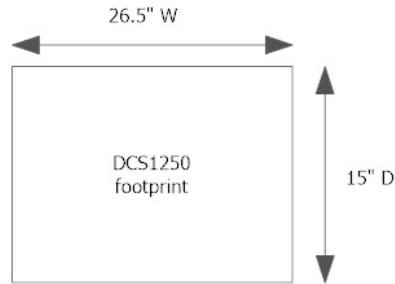-Powder coat painted cabinet, one 2" prefilter and one 12" 99.97% HEPA filter
-6" OD inlet and outlet plenums
-115 to 775 CFM exhaust blower, 120 volt
-Gauge to show when the filters need replacing
-Instruction manual

WHAT DO I NEED TO RUN THE SYSTEM

-120 volt power, 4 amps
-available space on the floor to position and connect ductwork or wall for mounting
-We recommend www.ductincorporated.com for piping, transition fittings, slide valves (dampers) and bleed in valves.
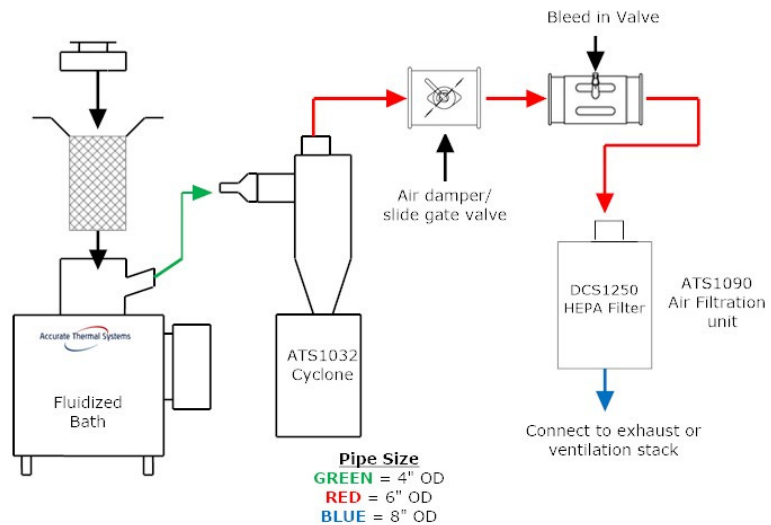
SERVICES AVAILABLE

-Technical support
-Application support
-Maintenance

Shown here is a typical system layout and plumbing for a Fluidized Temperature Bath system. Other plant operations where it is desirable to have exhaust air filtered can also be tied into the system.

Call us with your questions! 609-326-3190

Bleed in Valve

Air damper/ slide gate valve

DCS1250 HEPA Filter

ATS1090 Air Filtration unit

Connect to exhaust or ventilation stack

Accurate Thermal Systems

Fluidized Bath

ATS1032 Cyclone

Pipe Size
GREEN = 4" OD
RED = 6" OD
BLUE = 8" OD

Specifications & Ordering info

	DCS1250
Overall System footprint	26.5"W x 15"D x 55"H
Adjustable extraction blower flow rate	115 to 775 CFM
Maximum air inlet temperature	140°F / 60°C
Inlet and outlet diameter	6"
Electrical requirements	120 volt, 4 amps
Filter pressure gauge	Mini Helic 0" to 3" range
Sound levels	66 dba at max flow rate
Overall weight	140 lbs
Prefilter (included)	Merv13, 12" x 24" x 2"
HEPA filter (included)	99.97%, 12" x 24" x 12"
DCS1250 Order code	ATS1090
Optional wall mount kit	ATS1093
Replacement HEPA filter	ATS1091
Replacement Pre-filter	ATS1092

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