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## **Fluidized Bath Cyclone & Drum Accessory**

Catalog# ATS1032

For collection of aluminum oxide and particulate from the exhaust stream. Media collected in the drum can then be emptied back into the Fluidized Bath for reuse. The cyclone is powder coat painted and will withstand temperatures up to 250°F.

Cyclone Specifications:

23"/57.5 H x 19.5"/49cm D x 18"/45cm W

Weight 20 lbs/9 kg

Inlet: 5"/12.5cm OD

Outlet: 6"/15cm OD

Efficiency: 95 to 99% when used with a 250 to 350 CFM exhaust blower

Collection Drum Specifications:

19"/47.5cm dia x 18"/45cm W

Weight 20 lbs/9 kg

Includes mounting kit for connection to the Cyclone



The Cyclone (part# ATS1032) is designed to capture 90 to 95% of the 120 grit aluminum oxide that the exhaust blower pulls out of the Fluidized Bath. There is small percentage (<5%) of the aluminum oxide that is 325 grit or smaller that the Cyclone will not be very efficient at collecting due to the small size. It is suggested that only 25% of this fine dust will be collected and the remaining will go out your exhaust stack.

For best drafting or pull out of the Fluidized Bath and into the cyclone we suggest an air flow of around 250 to 350 CFM. You will need a damper or slide gate valve between the exhaust blower and cyclone so only smoke and fumes are removed and as little Fluidized Bath heat and aluminum oxide sand as possible. See the instruction manual for full details on setting this up.