

Aspirators

Waste build-up on your production floor can quickly become a problem in cost, quality, and time.



Waste removal can tie up expensive personnel to perform this task that would otherwise be doing more profitable functions. Production waste can seriously hamper your processes by using personnel and time to address its removal. It can also contaminate your product and create quality problems. Spending time, energy, and money on this situation will interfere with your company's ability to deliver quality, cost-competitive, and timely product.

The Fuji Electric Aspirator can be a major part of solving this problem. Our product enables manufacturing to perform in-process cleaning of lightweight waste and scrap materials encountered in the production operation. Through careful engineering, the Fuji Electric Aspirator features:

- Low initial cost.
- Quiet operation.
- Compact construction.
- Greatly reduced power consumption when compared with traditional plant air.
- Versatile mounting requirements.

Typical Aspirator Application Configuration

Designed for use with an efficient, high volume, low pressure ring compressor (supplied by Fuji Electric), the Fuji Electric Aspirator creates an effective method for the removal and disposal of lightweight materials like textile or paper trim, plastic pellets, film, dust and a variety of other materials. The aspirator conveys the materials with high volume, high velocity air to a container located away from the production process. The result solves your waste problem with minimal cost and minimal system maintenance.

This basic design can be modified for uses such as salvage trim removal, material transfer, safe fume removal, and drying processes. Fuji Electric is at your service to help design and provide a system that will meet your process requirements. Fuji Electric Aspirators are available in a variety of sizes for a wide range of applications. All aspirators are constructed from dense, strong PVC materials and custom made specifically to your application requirements. We offer full-service, one-stop convenience to effectively solve your production waste problems.



The aspirator conveys material pulled into the inlet (Y) side and conveys the material away from the area via the exhaust (Z) employing an attached conveyance hose. The system is powered by a ring compressor that introduces air pressure to the aspirator motive (X).

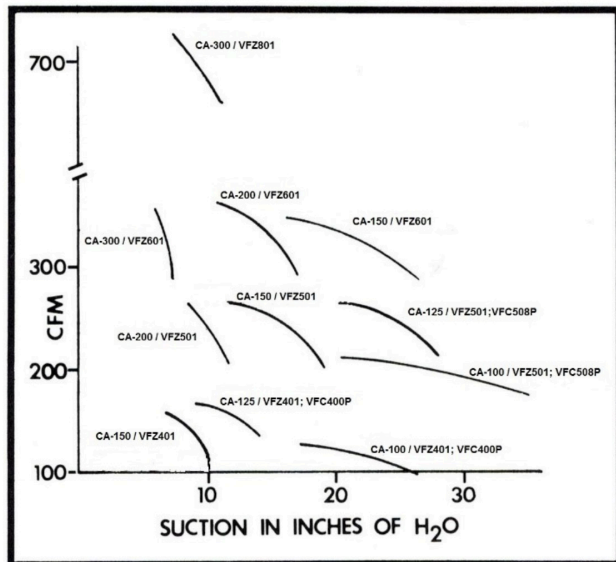
Model #	"A" Hose	"A" Pipe	"B" Hose or Pipe	"C" Hose or Pipe	D"	E"
CA-100	1 - 1/4"	1"	1 - 1/2"	1 - 1/2"	11"	4"
CA-125	1 - 1/2"	1 - 1/4"	2"	1 - 1/2"	14"	5 - 1/2"
CA-150	2"	1 - 1/2"	2 - 1/2"	1 - 1/2"	16"	6"
CA-200	2 - 1/2"	2"	3"	1 - 1/2" or 2"	19"	6"
CA-300	3" or 3 - 1/2"	3"	4"	2 - 1/2" or 3"	27"	9"

*Recommended sizes in either hose or pipe

**Dimensions "D" and "E" are approximations. Actual dimensions may vary based on aspirator configuration.

All aspirator dimensions must be specified by size and type when ordering or call for recommendations.

Aspirator Inlet Suction vs Outlet Air Volume



Note: Tested with 30 feet hose.

