

MODEL SPECIFICATIONS

| MODEL | AIRFLOW (CFM) at 2500 fpm | AIRFLOW (CFM) at 3000 fpm | AIRFLOW (CFM) at 3500 fpm | AIRFLOW (CFM) at 4000fpm |
|-------|------------------------------|------------------------------|------------------------------|-----------------------------|
| 184 | 1250 | 1500 | 1750 | 2000 |
| 244 | 1667 | 2000 | 2333 | 2667 |
| 246 | 2500 | 3000 | 3500 | 4000 |
| 304 | 2083 | 2500 | 2917 | 3333 |
| 306 | 3125 | 3750 | 4375 | 5000 |
| 364 | 2500 | 3000 | 3500 | 4000 |
| 366 | 3750 | 4500 | 5250 | 6000 |
| 368 | 5000 | 6000 | 7000 | 8000 |
| 424 | 2917 | 3500 | 4083 | 4667 |
| 426 | 4375 | 5250 | 6125 | 7000 |
| 428 | 5833 | 7000 | 8167 | 9333 |
| 484 | 3333 | 4000 | 4667 | 5333 |
| 486 | 5000 | 6000 | 7000 | 8000 |
| 488 | 6667 | 8000 | 9333 | 10667 |
| 604 | 4167 | 5000 | 5833 | 6776 |
| 606 | 6250 | 7500 | 8750 | 10000 |
| 608 | 8333 | 10000 | 11667 | 13333 |
| 724 | 5000 | 6000 | 7000 | 8000 |
| 726 | 7500 | 9000 | 10500 | 12000 |
| 728 | 10000 | 12000 | 14000 | 16000 |
| 846 | 8750 | 10500 | 12250 | 1400 |
| 966 | 10000 | 12000 | 14000 | 16000 |
| 1086 | 11250 | 13500 | 15750 | 18000 |
| 1206 | 12500 | 15000 | 17500 | 20000 |

STANDARD SPECIFICATIONS

- 14 Ga. Bolted carbon steel construction
- In-feed sides 7 Ga. Carbon steel
- Vernier controlled air bleed
- Analog monitoring package
- Outfall tanks w/ airlock or auger discharge available
- Vibratory in-feed pan or adjustable slide pan available
- Stainless steel construction available



LEWIS M. CARTER MANUFACTURING COMPANY

FOURTH GENERATION FAMILY BUSINESS WITH OVER 70 YEARS EXPERIENCE IN DESIGNING AND BUILDING PROCESSING EQUIPMENT.

WE AT LMC TAKE PRIDE IN OUR ABILITIES, OUR INNOVATIONS, OUR PEOPLE, AND OUR CUSTOMERS. LMC IS A QUALITY DRIVEN COMPANY WITH EMPHASIS ON PERFORMANCE, RELIABILITY AND CUSTOMER SATISFACTION.

- ASPIRATORS
- BEAN POLISHERS
- CLEANERS
- CONVEYORS
- DESTONERS
- ELEVATORS
- GRAVITY SEPARATORS
- HARD SHELL CRACKERS
- PEANUT BLANCHERS
- PEANUT SHELLERS
- PREHULLERS
- SHEAR ROLLS
- SIZING SHAKERS



LMC ASPIRATOR
MADE IN THE USA



MASTER CONTROL VALVE

This valve is used to set macro adjustments to the air flow.

AIR BLEED VALVE

This valve is used for micro control and adjustment to the air flow.

EXPANSION CHAMBER

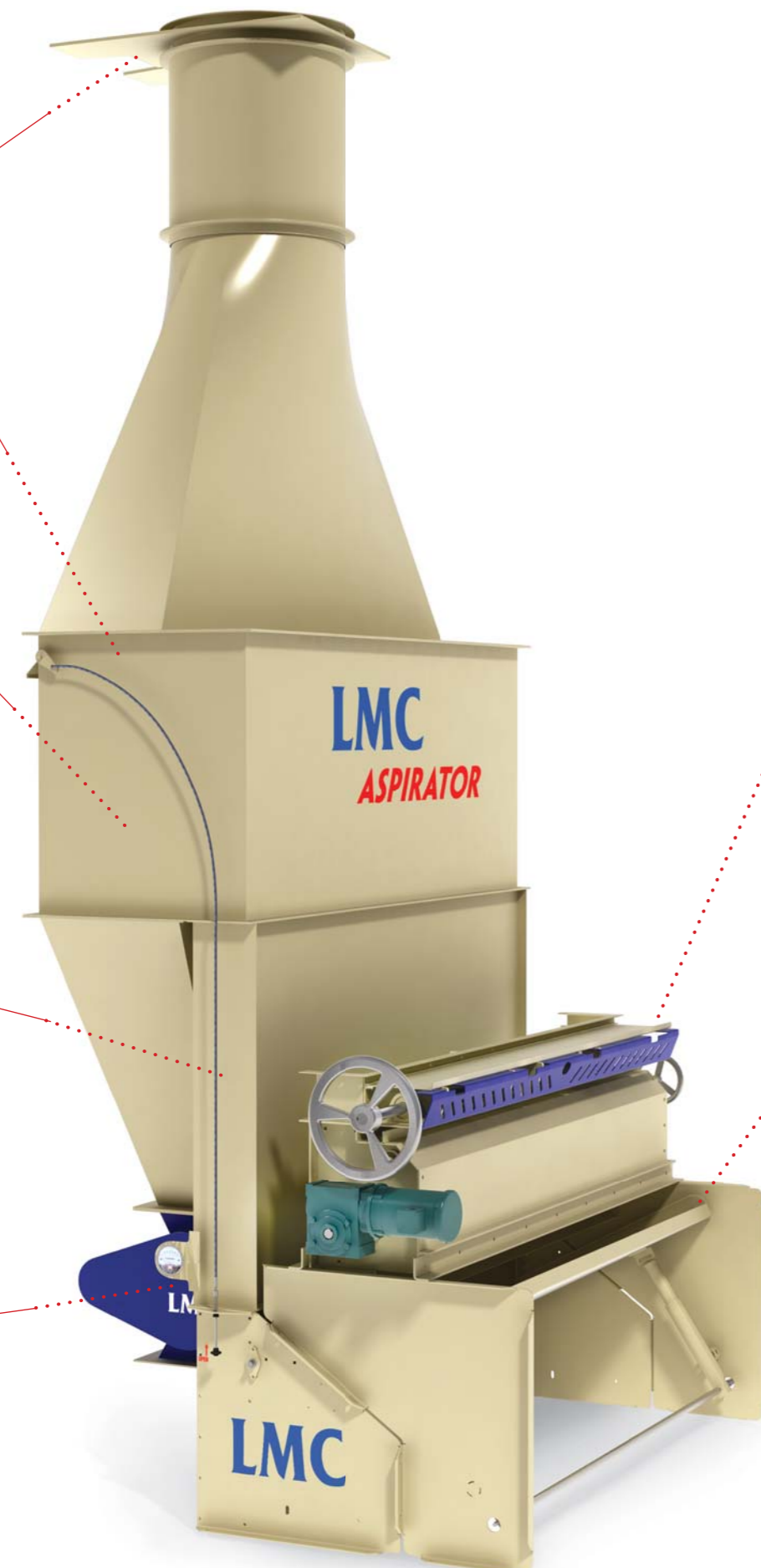
The liftings enter an expansion chamber to allow the reject product to drop out of the air stream. The liftings are conveniently discharged for inspection and, if needed, adjustment to the air stream can be made.

AIR COLUMN

The air column allows the product to be lifted and stratified for a more precise separation.

OUTFALL HOPPER & AIRLOCK

The outfall hopper and airlock allow the liftings to discharge with no air loss in the separation process.



VARIABLE SPEED ROLL FEEDER (OPTIONAL)

The product is introduced by using a variable speed controlled roll feeder. The roll feeder enables the operator to easily and accurately adjust the flow to fit each individual situation.

ADJUSTABLE IN-FEED

The in-feed pan introduces the product into the air stream. The feed rate can be adjusted using a vibratory feeder option or slide pan option.



OPTIONAL VIBRATORY FEEDER PAN

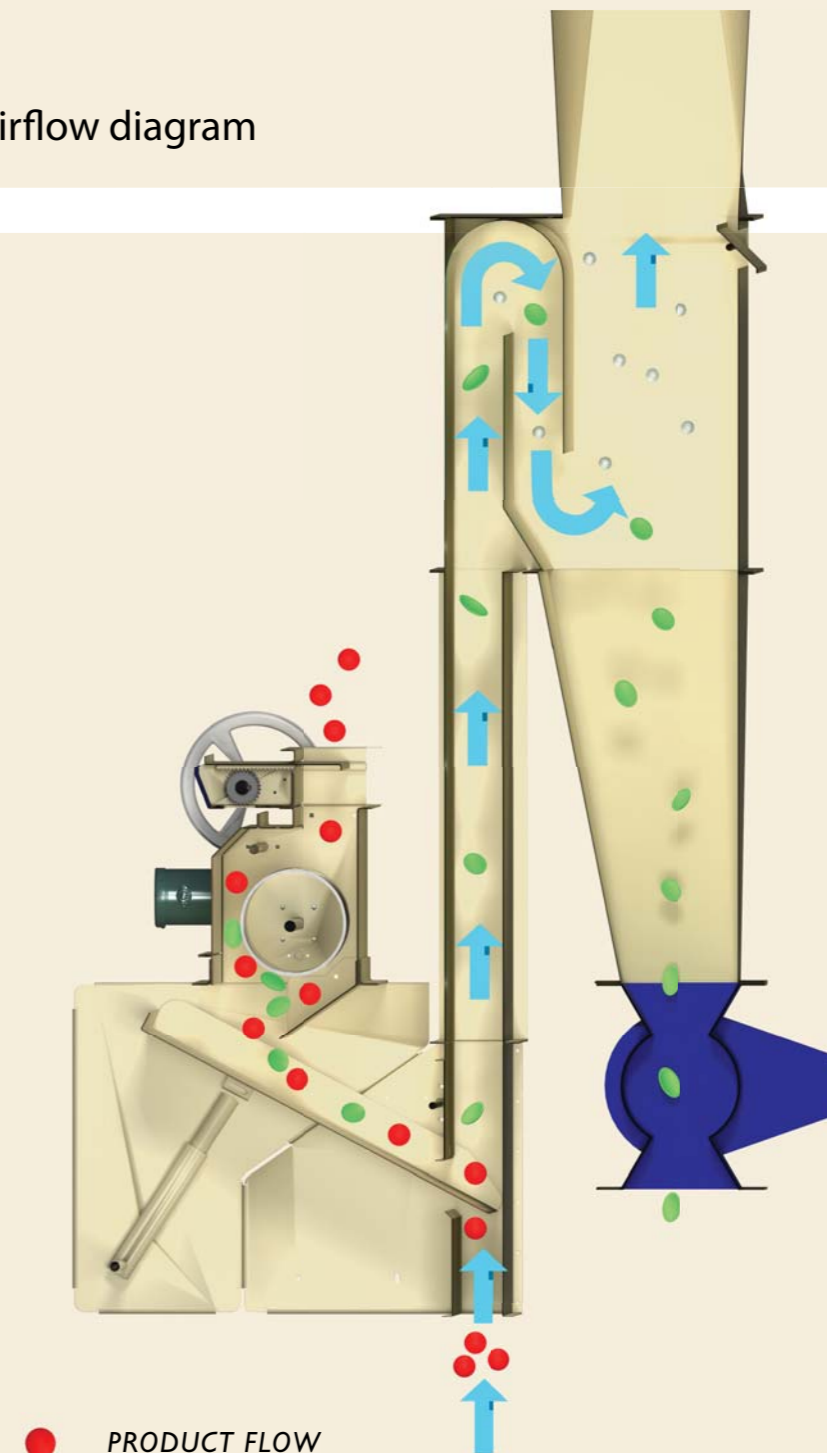
LMC ASPIRATOR

This aspirator has proven to be the most efficient aspirator available and is used in many different processing industries. It is designed to create a streamlined flow vacuum that is drawn through the product. As the air flow is evenly distributed, the separation is more easily controlled and more accurate. An absence of a controlled flow will result in leaving light material in the good product or, if operated aggressively, heavy, good product in the liftings.

This design allows for product separation by density and aerodynamic profile. Multiple configurations are available to provide optimum performance and maximum flexibility.

It's sturdy industrial caliber design will give years of around the clock service with minimum attention.

Airflow diagram



- PRODUCT FLOW
- ➔ AIR FLOW
- TRASH/REJECTS FLOW
- DUST/LIFTINGS FLOW

OPTION A

Includes aspirator body with mounting brackets, flanged rectangle to round fitting, in-feed control gate, analog monitoring package with vernier airflow control.

OPTION B

Includes aspirator body with mounting brackets, flanged rectangle to round fitting, vibratory feed pan or adjustable slide pan and unitary mount body, analog monitoring package with vernier airflow control.

OPTION C

Includes aspirator body with mounting brackets, outfall tank, vibratory feed pan or adjustable slide pan and unitary mount body, analog monitoring package with vernier airflow control.

OPTION D

Includes aspirator body with mounting brackets, outfall tank with airlock, vibratory feed pan or adjustable slide pan and unitary mount body, analog monitoring package with vernier airflow control.

OPTION E

Includes aspirator body with mounting brackets, outfall tank with auger, vibratory feed pan and unitary mount body, analog monitoring package with vernier airflow control.

Note: Standard auger is up to 10ft; consult LMC for additional length.