

Hi-Flo Air Cleaner

Simple and efficient, the [Hi-Flo Air Cleaner](#) separates your product from light trash. The specially engineered separation chamber and diffuser grid system produce an equally distributed air pattern that improves separation and reduces residence time and damage from unnecessary product drops. The balanced air pattern provides precise control, while higher velocity air flow along inlet and discharge openings creates negative air pressure to virtually eliminate escaping waste. Discharged product is cleaner, free of leaves, stems, chaff, or other light trash.

Common Product Applications

- Beans—green, wax
- Blueberries
- Celery
- Cherries
- Chestnuts
- Coffee beans
- Corn
- Figs
- Garlic
- Grain
- Grapes
- Legumes
- Lettuce
- Okra
- Onions
- Peas—green
- Plastics
- Radishes
- Raisins
- Seafood
- Strawberries
- Vegetables

Other applications may be used on this equipment. Call Key to find out about how your product(s) may benefit from this technology or another system.



Benefits

- Up to 25% more energy efficient than other air cleaners
- No other air cleaner is quieter: 85 dBA average
- Compact: up to 47% less space than other air cleaners
- Simple operation: one-hand vernier-style damper control permits fine tuning for maximum separation; inspection panels allow observation of chamber as air flow is adjusted
- Versatile: extended air chamber or “drop-through” design

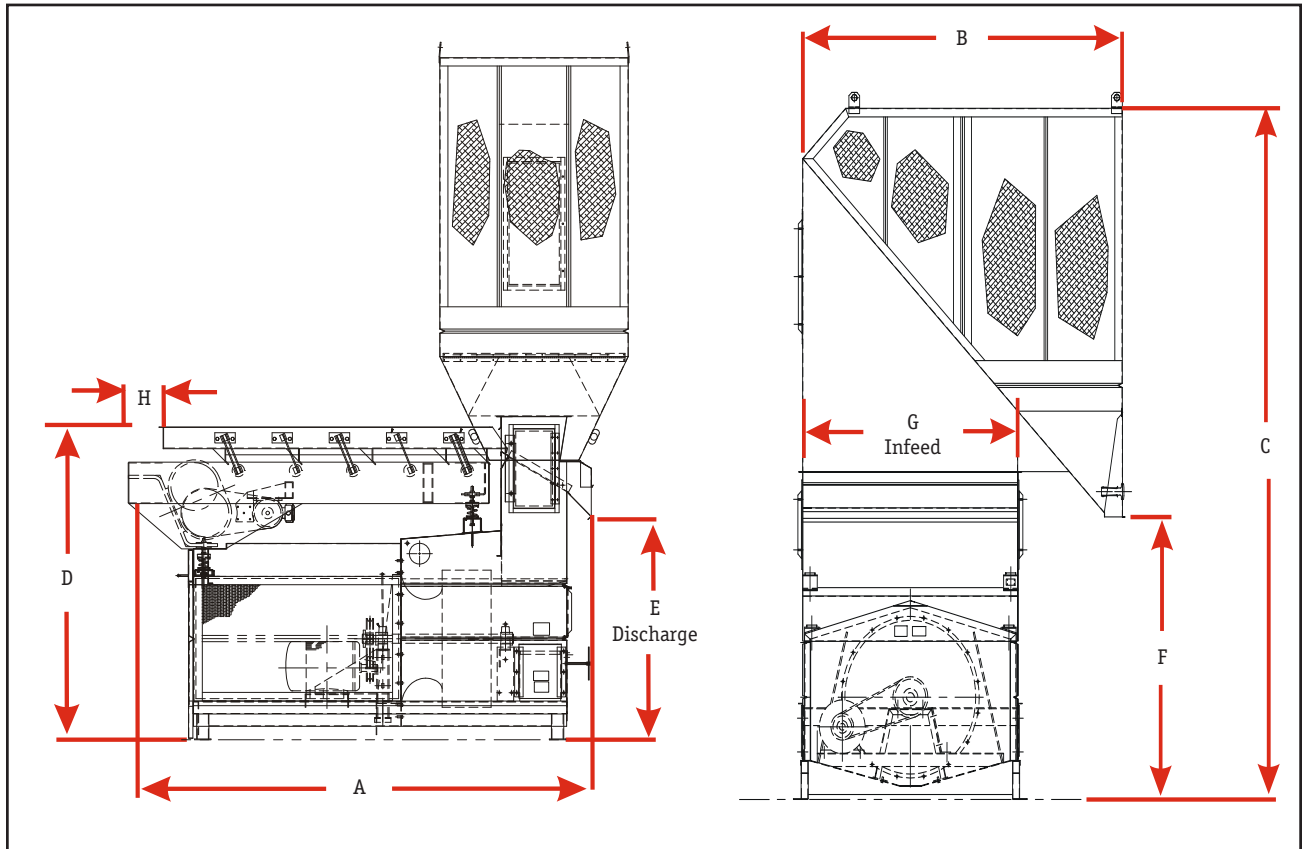
Capacity Range

- Three models, up to 27,216 kg/h at bulk density of 641 kg/m³ (60,000 lb/hr at 40 lb/ft³)

Integrated System

- All stainless steel construction
- Optional hood configurations
- [Iso-Flo® infeed shaker](#) (conveying, scalping, or dewatering) simplifies installation and reduces support needs. Lower infeed minimizes drop and handles product gently
- Durable, quiet stainless steel [Iso-Drive®](#) power plant
- Optional controls available, including inverter

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Motor Specifications

Model 2X

- Shaker: 0.75 kW (1 hp), 1,800 rpm, all voltages available
- Blower: 3.7 kW (5 hp), 1,800 rpm, all voltages available

Model No. 8

- Shaker: 0.75 kW (1 hp), 1,800 rpm, all voltages available
- Blower: 7.5 kW (10 hp), 1,800 rpm, all voltages available

Model No. 16

- Shaker: 0.75 kW (1 hp), 1,800 rpm, all voltages available
- Blower: 11.2 kW (15 hp), 1,750 rpm, all voltages available

| Typical Dimensions | | | | | | | | |
|--------------------|------------------------|-----------------------|-----------------------|----------------------|----------------------|----------------------|------------------|--------------------|
| Model | A | B | C | D | E | F | G | H |
| 2X | 2332 mm (91 27/32") | 1594 mm (62 3/4") | 2511 mm (98 7/8") | 1632 mm (64 1/4") | 1089 mm (42 7/8") | 305 mm (12") | 610 mm (24") | N/A |
| No. 8 | 2143 mm (84 3/8") | 1829 mm (72") | 3810 mm (150") | 1778 mm (70") | 1245 mm (49") | 1565 mm (61 5/8") | 1016 mm (40") | 190 mm (7 1/2") |
| No. 16 | 2667 mm (105") | 2264 mm (89 3/16") | 4175 mm (164 3/8") | 1930 mm (76") | 1362 mm (53 5/8") | 1708 mm (67 1/4") | 1473 mm (58") | 229 mm (9") |