

# Down Discharge Fresh Air Unit

60 Hertz

Commercial Kitchens Food Trucks



Low Profile Direct Drive  
Up Blast Roof Mounted

*airSupply*<sup>™</sup>  
US AirSupply Corp.,  
HOUSTON, TEXAS, U. S. A.  
[www.AirSupplycorp.com](http://www.AirSupplycorp.com)

## PRODUCT SPECIFICATIONS

### Description/Application

- Specifically crafted for the unique demands of commercial kitchens, restaurants, and the food industry, this unit stands out in its commitment to efficiency and environmental control. The design prioritizes preserving air-conditioned environments within kitchens. The emphasis on specialized features ensures optimal performance in challenging settings.

### Construction

- Equipped with a backward-curved impeller and a high-capacity motor, enabling operation under exceptionally high static pressure while maintaining a superior airflow rate.
- The construction showcases a galvanized iron body and a blower made of Aluminum 5052 H14 for durability and efficient air handling.
- The impeller is constructed with heavy-gauge aluminum blades, offering resistance to high static pressure.

- All electrical components adhere to UL listing standards, ensuring safety and reliability.

### Standard Equipment/Features

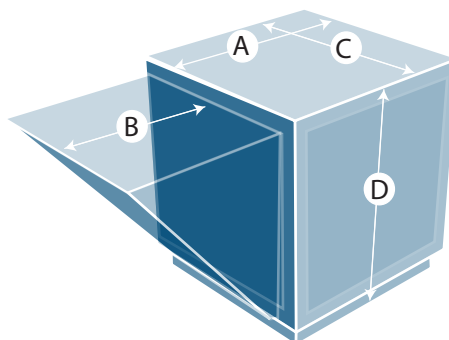
- A die-cast heavy 4" duty hub provides durability and strength.
- The keyed 5/8" motor shaft, with a set screw, simplifies maintenance processes.
- Access to all serviceable parts from one side of the unit ensures ease of maintenance.
- A quiet impeller fan, dynamically balanced for efficient operation.
- A permanent run capacitor motor guarantees smooth and long-term operation.
- An optional speed controller is available for efficient operation.
- 2 year warranty

Performance Data		
Modal	F-FDB10-1	F-FDB12-1
<b>Rating</b>		
Nominal Air Flow Rate (cfm)	2,550	2950
Motor Capacity (Hp)	3/4	3/4
Noise Level (Sones)	14.2	15.3
<b>Electrical Data</b>		
Power Supply (v / ph / hz)	115/ 1 / 60	
Power Input (kw)	0.82	0.82
Full Load Currant (amps)	4.9	5.2
<b>Blower</b>		
Type	Centrifugal Backword Curve Single Inlet	
No of Blades	8	8
Size DxL (in)	13 x 5 ¼	14 x 5 ¼
Inlet Size (in)	10	12

### Dimensional Data (Inches)

Model	Width	Height	Depth	Weight
F-FDB10-1	A 27" B 27"	D 27"	C 27"	123 Lbs.
F-FDB10-1	A 27" B 27"	D 27"	C 27"	124 Lbs.

**Filter** : 2 Nos of Filters size 16"x20"x2" each



NOTE: SPECIFICATION AND PERFORMANCE DATA LISTED HERE IN ARE SUBJECT TO CHANGE WITHOUT NOTICE.