



Better Air is Our Business®

AmericanAirFilter® DownDraft Bench Model DDB-5050

Engineering Data

Supplement to Bulletin APC-1-262

The DDB-5050 is a portable unit equipped with an automatic reverse-pulse cartridge cleaning system that is automatically activated each time the power is shut off. The DDB-5050 offers a 42" x 97" work surface with integrated overhang, along with a standard steel bar grating, four pleated cartridges filters, magnetic motor starter, and silencer.

Product Information

Air Flow:	5050 cfm @ 4" w.g.
Face Velocity:	180 fpm
Motor HP & Voltage:	10 HP TEFC, 208/230/460/575/60/3
Blower Model:	15" BI composite construction, flat-blade wheel & cone
Cartridge Dimensions:	(4) 12-3/4" OD x 8-3/8" ID x 16" L
Material:	Polyester & Cellulose blend
Efficiency:	99.5% @ 0.5 micron
Max. Operating Temp:	180°F
Cartridge Removal:	Side access, hinged door
Discharge:	Left side of table
Cabinet Weight:	750 lbs.
Overall Dimensions:	42" x 112" x 36"
Material:	Reinforced 16 gauge steel
Standard Finish:	Dark grey powder coat

Compressed Air Requirements: 0.4 ft³/pulse @ 80-90 psi

Compressed Air Properties: Clean, dry without oil or water

Spark Arrestance Features

- Metal mesh pre-filters (optional)
- Semi-circle cartridge baffle (standard)
- Spark trap baffle tray (standard)
- Fire retardant filter (standard)
- Baffles for elimination of dust re-entrainment (standard)



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10300 Ormsby Park Place Suite 600
Louisville, Kentucky 40223-6169
www.aafintl.com

Customer Service 800.477.1214
Fax 800.254.3019

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