



## FX-WDD SERIES WET DOWNDRAFT TABLES



**FX-WDD-3648**

The FX-WDD Wet Downdraft Table product series delivers the safe capture of hazardous/combustible dusts with the smallest equipment footprint in the industry. This self-contained wet downdraft table's patent-pending design achieves a very high face-velocity at a very affordable price. A wide range of application kits and custom fittings can help you meet your NFPA and OSHA requirements.

The FX-WDD series all include industrial swivel castors, adding mobility and versatility to your application. This wet filtration table is perfect for capturing combustible dust, including mixtures of steel, aluminum, titanium, and magnesium.

The FX-WDD works by drawing dust-laden air through the table surface and into a cascading water bath. The wet downdraft table cleans the air by using the combined action of centrifugal force and a thorough intermixing of water and dust laden air. The dust is separated from the airstream by water droplets created by the flow of air through strategically placed baffle plates. Once wet, the dust becomes permanently trapped and falls down into a reservoir.

### Benefits:

- Capture-at-source for Cleaner Air
- Complies with NFPA guidelines for Combustible Dust

### Features:

- Anti-corrosion Stainles Steel Construction
- Low Cost Mist-eliminator Filters
- Auto-fill Water Control System (3X4, 3X6, 3X8)
- Motor Starter and a non Sparking Blower Wheel

### Ideal Applications:

- Aluminum
- Magnesium
- Titanium
- Grinding & Deburring
- Sanding & Finishing
- Powder Mixing
- Buffing & Polishing
- Wide Belt Sanding



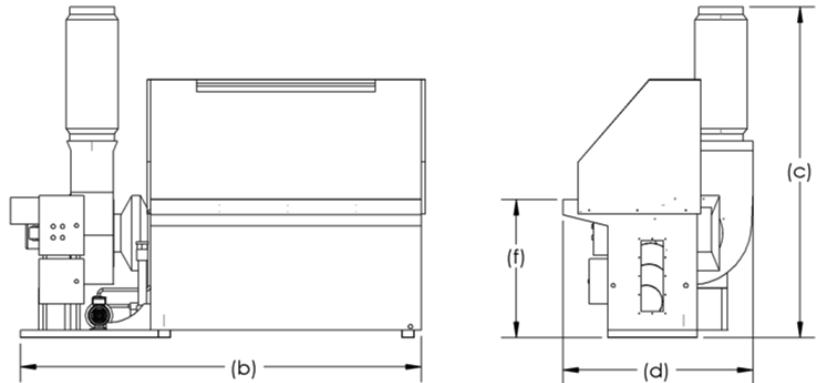
**GRINDING • DEBURRING • SANDING • MIXING**

# FUMEXTRACTORS

## Options:

- Auto Wash-down System
- WV-55 Sludge Removal Vacuum
- Side and Back Walls
- Hepa after-filter kit (99.99% @ 0.3 micron)
- Dust-Light/Vapor-Light Light Kit

\*Custom configuration available on request.



## Dimensions

Model	Footprint			Worksurface			Water	
	Width [b]	Height [C]	Length [d]	Width	Height [f]	Length	Supply (in.)	Drain (in.)
FX-WDD-3636	68"	74"	45"	38"	37"	36"	1/2" NPT	3/4" NPT
FX-WDD-3648	90"	89"	45"	48"	37"	26"	1/2" NPT	3/4" NPT
FX-WDD-3672	115"	89"	45"	72"	37"	36"	1/2" NPT	3/4" NPT
FX-WDD-3696	142"	89"	56"	97"	37"	36"	1/2" NPT	1/2" NPT

1. Water Level is marked on each unit.

## Technical Specifications

Model	Water Fill System	Nominal Airflow (CFM)	Tank Capacity (Gallons)	Motor (H.P)	Power			Noise @5ft. (dB)	
					Phase (hz)	@230V (amps)	@460V (amps)		@575V (amps)
FX-WDD-3636	manual	1200	23	3.0	3P / 60Hz	9.6	4.8	3.9	75
FX-WDD-3648	auto	3000	40	5.0	3P / 60Hz	15.2	7.6	6.1	72
FX-WDD-3672	auto	5000	60	10.0	3P / 60Hz	28.0	14.0	11.0	78
FX-WDD-3696	auto	6500	60	15.0	3P / 60Hz	34.0	16.9	14.0	80

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