



**DIVERSITECH**  
air pollution solutions



**3X4 Monsoon**  
3000 CFM

The MONSOON™ 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 MONSOON™ series all include industrial swivel casters, 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 MONSOON™ 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.

### Features:

- Anti-corrosion Stainless 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



### Benefits:

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

**GRINDING • DEBURRING • SANDING • MIXING**



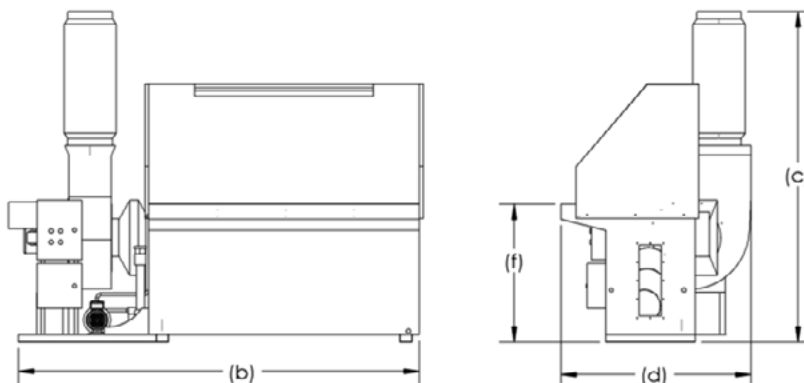
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## Options:

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

\*Custom configuration available on request.



MDD-MINI



MDD-3X4



MDD-3X6



MDD-3X8

## Dimensions

Model	Footprint			Net Weight (lbs.)	Worksurface			Water		Shipping Dimensions (in.)			Gross Weight (lbs.)
	Width [b]	Height [C]	Length [d]		Width	Height [f]	Length	Supply (in.)	Drain (in.)	Length [b]	Height [C]	Width [d]	
MDD-MINI	68"	74"	45"	542	38"	37"	36"	1/2" NPT	3/4" NPT	70	70	60	700
MDD-3X4	90"	89"	45"	621	48"	37"	36"	1/2" NPT	3/4" NPT	96	60	60	800
MDD-3X6	115"	89"	45"	646	72"	37"	36"	1/2" NPT	3/4" NPT	114	84	60	900
MDD-3X8	142"	89"	56"	810	97"	37"	36"	1/2" NPT	1/2" NPT	134	84	60	1100

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)	
MDD-MINI	manual	1200	23	3.0	3P / 60Hz	9.6	4.8	3.9	75
MDD-3X4	auto	3000	40	5.0	3P / 60Hz	15.2	7.6	6.1	72
MDD-3X6	auto	5000	60	10.0	3P / 60Hz	28.0	14.0	11.0	78
MDD-3X8	auto	6500	60	15.0	3P / 60Hz	34.0	16.9	14.0	80

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