



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

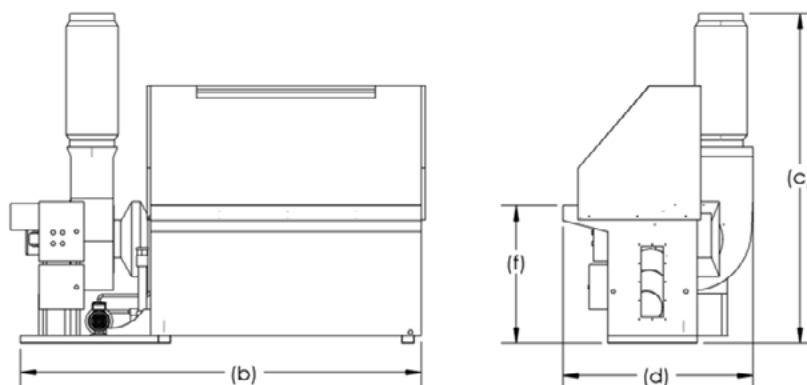


GRINDING • DEBURRING • SANDING • MIXING

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 configurations available on request.



Dimensions

Model	Footprint (in.)			Net Weight (lbs.)	Worksurface (in.)			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

HEAD OFFICE

2500 Alphonse Gariépy
 Montreal, QC H8T 3M2

CANADA

Montreal, QC
 Toronto, ON



UNITED STATES

Trenton, NJ
 Chicago, IL

CONTACT US

Toll Free: 1-800-361-3733
 info@diversitech.ca