



MINI-WET
DOWNDRAFT TABLE

EFFICIENT / COMPACT / ECONOMICAL

The Diversi-Tech Wet Downdraft Table is a self-contained workstation with its own water dust collection system. The unit can be used to safely collect combustible dust like: Aluminum / Magnesium / Niobium/ Tantalum / Titanium and Zirconium and complies with both OSHA and NFPA regulations.

FEATURES:

Efficient operation is possible on a wide range of materials and particle sizes. The filtered air is returned to the building without the need for costly fire suppression equipment. Heavy duty construction using 12 and 14 gauge steel with powder coated finish and polyethylene coated section for the water bath to prevent corrosion. Easy installation and ready to run.

COMPLIES WITH NFPA 484

GRINDING • SANDING • DEBURRING • CUTTING

OPTIONS

- Multiple side-to-side and back-to-back configurations available
- Angled side and back walls / Light Kit
- Stainless steel construction
- HEPA afterfilter (99.97% @ .3 microns)
- Side mounted capture arm / Backdraft Hood
- Electronic water level control and auto-fill
- Powered sump fan for magnesium applications (complies with NFPA/OSHA)

How It Works:

Dust-laden air is drawn in through the table surface and into the wet dust collector's inlet. The wet dust collector cleans the air by the combined action of centrifugal force and a thorough intermixing of water and dust laden air. The dust is separated from the air 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. A small amount of fresh water is supplied through the make-up of water feed, to compensate for evaporation.

MODEL	MINI-WET	DD3X4-WET	DD3X6-WET	DD3X8-WET
Airflow	1200cfm	3000cfm	5000cfm	5000cfm
Downdraft Velocity	160fpm	250fpm	275fpm	210fpm
Motor / Voltage	3HP (230/460/575v/3/60)	5HP (230/460/575v/3/60)	10HP (230/460/575v/3/60)	10HP (230/460/575v/3/60)
Work Surface Table	30" D x 36" W x 36" H	36" D x 48" W x 36" H	36" D x 72" W x 36" H	36" D x 96" W x 36" H
Overall Dimensions	64" D x 38" W x 84" H	87" D x 50" W x 103" H	87" D x 74" W x 103" H	87" D x 98" W x 103" H
Work Surface Material	Steel Bar Grating w/PVC Mat	Steel Bar Grating w/PVC Mat	Steel Bar Grating w/PVC Mat	Steel Bar Grating w/PVC Mat
Controls	Rotary Starter w/ Contactor & Overload	Magnetic Starter w/ Contactor & Overload	Magnetic Starter w/ Contactor & Overload	Magnetic Starter w/ Contactor & Overload
Water Level Control	Mechanical w/ Float Valve	Automated w/sensors & Solenoid Valve. Includes Low-Water Shut Off	Automated w/sensors & Solenoid Valve. Includes Low-Water Shut Off	Automated w/sensors & Solenoid Valve. Includes Low-Water Shut Off
Mist Afterfilter	Amerkool Mist Eliminator (99% Eff. @ 3 Microns)	Amerkool Mist Eliminator (99% Eff. @ 3 Microns)	Amerkool Mist Eliminator (99% Eff. @ 3 Microns)	Amerkool Mist Eliminator (99% Eff. @ 3 Microns)
Water Capacity	16 Gallons	40 Gallons	80 Gallons	80 Gallons
Construction	14 Ga. Mild Steel, Powder Coated & Epoxy	14 Ga. Mild Steel, Powder Coated & Epoxy	12 Ga. Mild Steel, Powder Coated & Epoxy	12 Ga. Mild Steel, Powder Coated & Epoxy
Drain Size	1" npt	1" npt	1" npt	1" npt
Water Supply Size	1/2" npt	1/2" npt	1/2" npt	1/2" npt
Sound Level @ 5 Ft.	74dBA	78dBA	78dBA	78dBA

