



Clean. Easy. RED.

HYDROMAX® WC2500 / WCDDT4830 Specifications and Technical Data

TYPICAL APPLICATIONS

- Grinding Dust and Particulate
- Abrasives and Polishing
- Explosive Dust Compounds
- Sparking or Combustible Materials
- Powders
- Other Dry Dusts

STANDARD FEATURES:



- UL Listed Electrical System
- Up to 2300 CFM
- All Stainless Steel Construction with Marine Grade Black Epoxy Finish.
- 5 HP Washdown TEFC motor with stainless steel blower.
- NEMA 4 control panel with visual heads-up display and integral motor controls including panel mounted start/stop pushbuttons.
- Integrated automatic fill control valve actuated based on digital static pressure inputs.
- Equipment Interlock: HYDROMAX comes standard with a low level shutoff relay and motor run relay to interlock with dust producing equipment.
- Sump overflow visual alarm that shuts unit down.

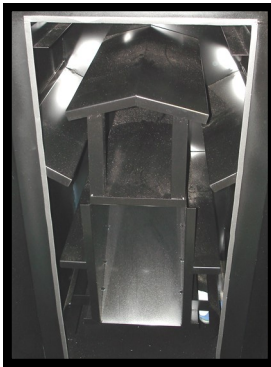


WC2500 / WCDDT4830

OPTIONS:

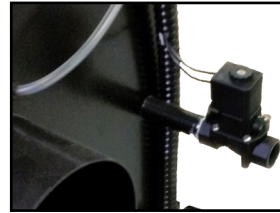
- Powered Sump Vent Blower
- WCDDT4830 Downdraft Table
- Low Static Wheel for 0" - 4" ESP
- Medium Static Wheel for 4" - 8" ESP
- HEPA Afterfilter
- Exhaust Silencer

HOW IT WORKS

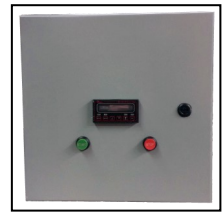


Combustible dust enters the HYDROMAX through ducting in the rear of the filter cabinet and is run through an aqueous bed of water and a series of internal baffles utilizing engineered water streams to drop out and filter the combustible dust.

Dust is contained in the bottom of the collector for safe removal at necessary intervals. Water levels are automatically controlled through our engineered flow valve system that can be interlocked with the dust producing equipment to meet OSHA and NFPA codes.



Fill Valve



Control Panel

Standard auto-fill valve and interlocking control panel shown. Features built in, pre-wired controls.

SPECIFICATIONS:

OVERALL DIMENSIONS: 72.5" H X 26" W X 38" D

WEIGHT: 520 LBS

CABINET: 16 GAUGE WELDED 304 STAINLESS STEEL CABINET CONSTRUCTION. ALL SURFACES GROUND SMOOTH

FINISH: MARINE GRADE POWDER COAT INSIDE AND OUT

FILTER ACCESS: LIFT OFF FRONT PANEL FOR EASY CLEANOUT

MOTOR: 5 HP, TEFC WASHDOWN MOTOR, 208/230 OR 460 V THREE PHASE

BLOWER: STAINLESS STEEL BACKWARD INCLINED, DIRECT DRIVE BLOWER

AIR VOLUME: LOW STATIC: 2300 CFM @ 0" ESP
MEDIUM STATIC: 2300 CFM @ 6.25" ESP

CONTROLS: FACTORY WIRED AND INSTALLED NEMA 4 CONTROL PANEL COMPLETE WITH MOTOR STARTER, OVERLOAD PROTECTION, DIGIHELIC FLOW CONTROL AND PUSHBUTTON START/STOP

INLET/DISCHARGE: 10" DIAMETER ROUND INLET. VERTICAL DISCHARGE IN THE TOP OF THE FILTER CABINET.

SUMP VENT: 4" ELECTRONICALLY CONTROLLED AND EQUIPPED STANDARD

WCDDT4830: 48" x 30" DOWNDRAFT TABLE WITH SLOPED INTER-CONNECTING HOPPER—SUPPLIES 240 FPM DOWNDRAFT VELOCITY

Specifications subject to change without notice.

Sold and Serviced by:

L2639-07/15