

HYDROMAX® WC1200 / WCDDT2430 Specifications and Technical Data

TYPICAL APPLICATIONS

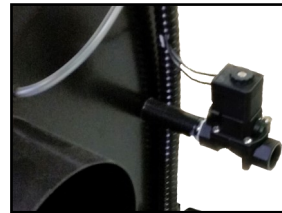
- Grinding Dust and Particulate
- Abrasives and Polishing
- Explosive Dust Compounds
- Sparking / Combustible Materials
- Powders
- Other Dry Dusts

STANDARD FEATURES:

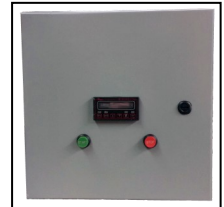
- UL Listed Electrical System
- Up to 1000 CFM
- All Stainless Steel Construction with Marine Grade Black Epoxy Finish.
- 2 HP Washdown TEFC motor with stainless steel blower.
- NEMA 4 control panel with visual heads-up display and integral motor controls including panel mounted start/stop pushbuttons.
- Integrated automatic fill control valve actuated based on digital static pressure inputs.
- Equipment Interlock: HYDROMAX comes standard with a low level shut-off relay and motor run relay to interlock with dust producing equipment.
- Sump overflow visual alarm that shuts unit down.

OPTIONS:

- Powered Sump Vent Blower
- WCDDT2430 Downdraft Table
- HEPA Afterfilter
- Exhaust Silencer



Fill Valve



Control Panel

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

SPECIFICATIONS:

OVERALL DIMENSIONS: 63" H X 20" W X 30" D

WEIGHT: 380 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: 2 HP, TEFC WASHDOWN MOTOR, 208/230 OR 460 V THREE PHASE

BLOWER: STAINLESS STEEL BACKWARD INCLINED, DIRECT DRIVE BLOWER

AIR VOLUME: 1000 CFM @ 0" EXTERNAL

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

INLET/DISCHARGE: 6" DIAMETER ROUND INLET. VERTICAL DISCHARGE IN THE TOP OF THE FILTER CABINET

SUMP VENT: 4" ELECTRONICALLY CONTROLLED AND EQUIPPED STANDARD

WCDDT2430: 24" x 30" DOWNDRAFT TABLE WITH SLOPED INTERCONNECTING HOPPER—SUPPLIES 240 FPM DOWNDRAFT VELOCITY



WC1200 / WCDDT2430

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.

Specifications subject to change without notice.

Sold and Serviced by:

L2658-07/15