

DUSTRON SERIES

Welding / Grinding / Sanding Booth

08-03 DUSTRON PANEL BOOTH



The Industry Leader in "Push-Pull" Regain Air

High Capture Velocity.

Fully adjustable Regain Air for working area velocities of 400/800 FPM. The timer-controlled, automatic self-cleaning system consisting of solenoids, dump valves, and blow-down pipes assures that the booth maintains consistent capture velocity.

Efficient, Quiet Operation

Low speed, high flow blowers have airfoil blades for high fan efficiency as well as low noise. Noise levels are also minimized with sound-insulated blower chamber, ductwork and Regain Air plenum.

Efficient Filtration.

Filter media proven 99.9% efficient in the capture of particles .5 microns and larger. Cartridges (12.75" dia. X 30" long) are vertically oriented to provide even, full-capacity filter loading and cleaning.

Enhancing the Work Environment

Noise Control

Solid Construction: Standard booth built with 18 gauge steel walls and ceiling. **High-Density Insulation:** Sound-absorbing mats of two-inch fiberglass compressed to one inch applied to inside surfaces of booth. **Outer Layer:** Further enhancement of sound attenuation with 5 mil. aluminized vinyl impregnated fiberglass cloth covering of mat.

Visibility

Integral Lighting: Sealed and gasketed dust-tight fluorescent lights. **Clean Air Curtain:** Clean, filtered air from the Regain Air plenum pushes contaminants away from the breathing zone, providing improved visibility as well as promoting comfort and health.

Dust Control Booths

08-03



DUSTRON SERIES

The 99.9% Efficient Dust Collector Booth

08-03 DUSTRON PANEL BOOTH



08-03

MODEL	HXWXL*	FILTERS-SQ FT	HP
DB-8-12	90" X 8' X 8'	12 - 3300	7.5
DB-10-16	90" X 8' X 10'	16 - 4400	7.5
DB-12-18	90" X 8' X 12'	18 - 4950	15
DB-16-24	90" X 8' X 16'	24 - 6600	2X7.5
DB-20-28	90" X 8' X 20'	28 - 7700	2X7.5
DB-24-36	90" X 8' X 24'	36 - 9900	2X15
DB-30-48	90" X 8' X 30'	48 - 13,200	3X7.5

*Up to 70' Long: Consult Factory for Custom Dimensions



Standard Specifications

- Cartridge Size12.75" Dia. X 30" Long
- Cartridge AreaEach Cartridge 275 ft²
- Gauge of Dust Collector Cabinet12-14 ga. Carbon Steel
- Gauge of Booth18 ga. Galvanized Carbon Steel
- Blower Motor208-230/460/60/3 TEFC
- Number of Valves:1 per 2 Cartridges
- Face Velocity Created by Suction150 FPM
- Face Velocity Created by Regain Air ...400/800 FPM
- Regain AirAdjustable from 0-50%
- Dust Drawer Capacity3 ft³
- Lighting4 ft sealed fluorescent
- Number of Light Fixtures8'-2, 10'-3, 12'-4, 16'-6, 24'-7, 30'-8
- Compressed Air Required60 PSIG dry, clean air
- Motor StarterIncluded
- Sound ControlFiberglass compressed and quilted w/ 5 mil. aluminized vinyl-impregnated fiberglass cloth cover
- FinishIndustrial Blue Enamel

Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.