

## 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

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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 Size .....12.75" Dia. X 30" Long
- Cartridge Area .....Each Cartridge 275 ft<sup>2</sup>
- Gauge of Dust Collector Cabinet .....12-14 ga. Carbon Steel
- Gauge of Booth .....18 ga. Galvanized Carbon Steel
- Blower Motor .....208-230/460/60/3 TEFC
- Number of Valves: .....1 per 2 Cartridges
- Face Velocity Created by Suction .....150 FPM
- Face Velocity Created by Regain Air ...400/800 FPM
- Regain Air .....Adjustable from 0-50%
- Dust Drawer Capacity .....3 ft<sup>3</sup>
- Lighting .....4 ft sealed fluorescent
- Number of Light Fixtures .....8'-2, 10'-3, 12'-4, 16'-6, 24'-7, 30'-8
- Compressed Air Required .....60 PSIG dry, clean air
- Motor Starter .....Included
- Sound Control .....Fiberglass compressed and quilted w/ 5 mil. aluminized vinyl-impregnated fiberglass cloth cover
- Finish .....Industrial Blue Enamel

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