

DUSTRON SERIES

Welding / Grinding / Sanding 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



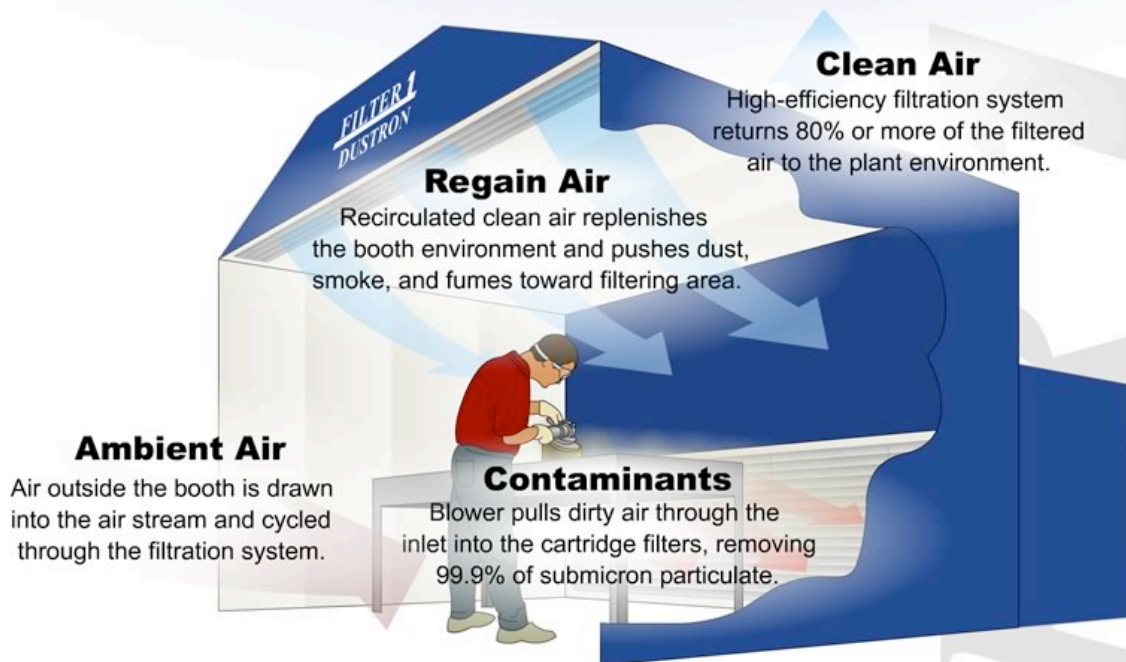
FILTER 1

1-800-289-0189

CUSTOM SPECIALISTS FOR INDUSTRIAL NEEDS

DUSTRON SERIES

The 99.9% Efficient Dust Collector Booth



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 ²
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 ³
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.

FILTER 1

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