



Extract-All™

An exclusive Air Impurities
Removal Systems, Inc. brand

Extract-All™ Air Cleaning & Dust Collection System For Dental Offices & Labs Model S-DTL-1 Series



There are a variety of applications that take place in a dental facility, including:

- Model Trimming
- Laser Systems
- Denture Design and Repair
- Polishing and Grinding
- Many Other Dust and Fume Producing Activities

Many of these generate high levels of fine dust and/or toxic fumes.



The Extract-All™ S-DTL-1 is a highly versatile system that allows the operator to collect fumes and dust directly from a single source or two side-by-side stations.

The portable base system comes standard with a polyester cube prefilter, and a high efficiency primary filter. Several other filter options are available for odorous fumes, micro-fine particles, and other pollutants.

Two source capture options are available:

IO-DTL-1 option includes a cover with two 2 1/2 inch diameter inlet collars, two 2 1/2 inch diameter chemical and heat resistant and flame retardant source capture arms which can be manipulated in a variety of positions to allow for direct source capture, and a cap to cover one inlet if only one arm is being used.



IO-DTL-2 option includes a slotted inlet cover with an acrylic hood, which allows the operator to use the system as a downdraft surface.

Specifications

CABINET: 18 gauge steel, polyurethane powder painted outside and inside.

CABINET DIMENSIONS: 12-1/2" W x 33-1/4" H x 12-1/2" D

WEIGHT: Approx. 30 lbs. with standard filter package (Plus additional weight for source capture options)

BLOWER (UL CERTIFIED FOR US AND CANADA): 350W, 2.8 amps, 120/1/60, 2000 RPM.

ELECTRICALS: Variable speed control & power cord w/ plug.

TYPICAL MOTOR LIFE: 100,000 hours (depending on operating conditions, including ambient temperature, duty cycle, etc.)

RATED FAN PERFORMANCE: 350 CFM @ .5" E.S.P., 240 CFM @ 2.0" E.S.P., 100 CFM @ 2.75" E.S.P.

VELOCITY AT EXTRACTOR ARM INLETS*: 3500 FPM per arm

VELOCITY AT GRATED INLET*: 275 FPM

NOISE LEVEL:** 66 dBA @ 6', 66 dBA @12'

** Velocities are based on operation with a clean polyester cube prefilter and 90% -95% ASHRAE efficient primary cell filter. Performance varies with other combinations.*

*** Noise level is based on performance with 2 extractor arms and a clean polyester panel prefilter and 90%-95% ASHRAE efficient primary cell filter. Noise levels may vary with other inlet and filter combinations.*



All data has been obtained under controlled conditions. Variables occurring under actual working conditions may cause a slight variance to these specifications. In order to facilitate product improvements, specifications are subject to change without notice.

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