

# Chemical Source Capture System™

Source Capture Ventilation System

Aerovex Systems®

The **Chemical Source Capture System™** is engineered for professional hair service environments. Built on an 18-gauge steel frame with a polyurethane powder coat finish, it delivers powerful 350 CFM airflow on a mobile caster base — capturing airborne particulates and contaminants directly at the source to protect stylists and clients alike.

## Technical Specifications

Specification	Value
Model Number	AVS-SCS
Exhaust Method	Recirculating
Mobility	Caster Base
CFM	350
Weight	50 lbs.
Frame	18-gauge steel, polyurethane powder coat finish
Dimensions	12.5" W × 12.5" D × 19.5" H
Blower / Motor	350W, 2.8 amp, 120/1/60, 2000 RPM
Typical Motor Life	100,000 hours (depending on operating conditions)
Noise Level	65 dB
Fan Performance	350 CFM at .5" ESP
Filter Efficiency	Pleated Filter: MERV 10 (60%) Polyester Panel: MERV 6 (50%)
Application	Hair

## Key Features

- **High Airflow:** 350 CFM at .5" ESP for effective source capture in busy salon environments
- **Durable Construction:** 18-gauge steel cabinet with polyurethane powder coat finish for long-term commercial use
- **Mobile Design:** Integrated caster base for easy repositioning between stations
- **Recirculating Exhaust:** Filtered air returned to the room — no ductwork or exterior venting required
- **Dual Filtration:** MERV 10 pleated filter (60% efficiency) and MERV 6 polyester panel (50% efficiency)
- **Noise Level:** 65 dB suitable for professional salon environments
- **Long Motor Life:** Rated for 100,000 hours of operation under normal conditions
- **Hair Application:** Engineered specifically to capture hair particles and associated debris at the source

## Filtration System

- **Stage 1 – Polyester Panel Filter:** MERV 6 rated (50% efficiency). Captures large airborne particulate matter, extending the life of the primary filter.
- **Stage 2 – Pleated Filter:** MERV 10 rated (60% efficiency). High-efficiency filtration removes finer particles including hair dust and dander.