

5000 DS & DXS

**Specially designed to deal
with tobacco smoke**

**For Bars, restaurants, hotels,
smoking lounges**



Unique Tar-Trapping pre-filter

- Special pre-filter to trap tar and large airborne particles
- Easy to change, works like a cigarette filter

Activated carbon filter

- Specially blended activated carbon traps up to 400 toxic chemicals found in tobacco smoke. Including: benzene, toluene, arsenic, nicotine, cyanide, trichlorethylene
- 3" deep carbon bed for highest efficiency (3 5/8" deep carbon bed option available)

Micro-HEPA particle filter

- Filters airborne particles such as fine ash

3 speed 400 CFM fan

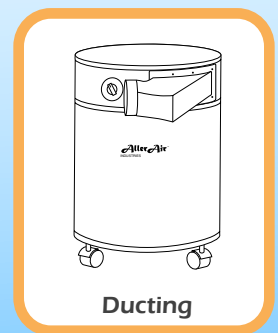
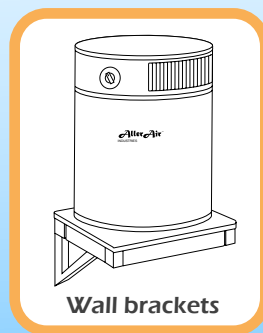
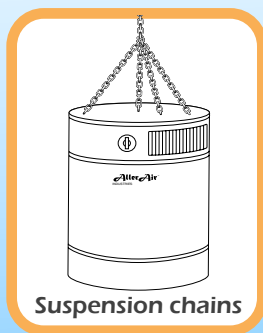
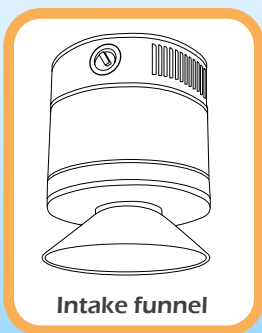
- Whisper quiet on low, high for regular use and turbo for rapid room clearing



5000 DS

22 lbs. activated carbon in 3" bed

MORE DIFFERENT WAYS TO UTILIZE OUR DS UNIT:



**Improve your patrons comfort.
Conform to environmental codes and regulations**

5000 DS/DXS

Specially designed to deal with tobacco smoke

The nature of tobacco smoke

- Tobacco smoke consists of tars, water vapor, carbon dioxide, nicotine and over 400 other chemicals
- Tars accumulate on draped, furniture, clothing, walls and other surfaces and continue to release tar vapors and odors long after active smoking has stopped.

Adsorb tobacco smoke, odors and chemicals with AllerAir's unique Tar-trapping filter combined with activated carbon filtration

- The tar-trapping filter traps tar like a cigarette filter
- The activated carbon absorbs the airborne chemicals, gases and odors
- Activated carbon absorbs up to 60% of its own weight of airborne chemical compounds
- The 5000 DS series has 22 lbs of specially blended activated carbon
- Carbon traps and removes the gases and odors permanently, it does not mask them or move them to another area

Cost savings

- The air in the room effectively cleans and recirculates. There is no need to bring in energy consuming outdoor air.

Remove lingering odors

- Leaving the DS unit on while the area is inactive removes lingering odor from tars accumulated on surfaces leaving a fresh atmosphere for opening time

Electrostatic devices: not as effective

- Electrostatic air filtration devices only filter the particles in tobacco smoke but leave the toxic chemicals
- Electrostatic filters become quickly saturated and ineffective; requiring frequent and expensive changes
- Ozone, which damages the lining of the lungs, is given off by electrostatic air filtering device filters. The EPA has issued a warning on the dangers of breathing ozone
- Tar builds up on the electronic plates and toxic materials are emitted back into the air

Consult our experts

- AllerAir air quality experts can suggest the best combination of filtration and carbon blend for your application