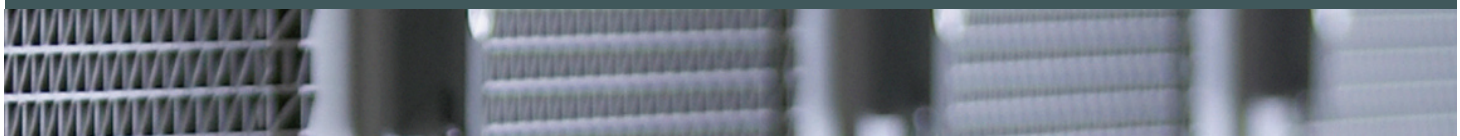


SharkRack | Enclosure Air Curtain

As racks are called upon to cool increasingly denser and high power servers and other systems, more advanced cooling solutions are essential.

The DES blower is designed to help lower cabinet temperatures by up to 15ºF while using only 3U of rack space.

Designed for quiet, long-life operation, when installed in a raised floor environment, the DES blower delivers the coldest under-floor air directly to the server fronts, where air intakes are located, boosting available cooling.

When used in conjunction with SharkRack's existing vented front and rear doors, as well as the powered fan top exhaust system, the DES blower helps create a top-to-bottom airflow to get cool air where it is needed most.

Features and benefits:

- Lowers cabinet temperature by up to 15ºF, helping to prevent overheating of servers, switches, routers, storage systems and other components
- The air curtain's small footprint uses only 3U of mounting space in the bottom of the rack
- With it's polymer housing, the DES is remarkably durable, but weighs less than 20lbs
- Adjustable mounting brackets on the DES allows multiple installation options, so it easily co-exists with other equipment
- Dual power relay option provides continuous power for the air curtain for added reliability
- A filter kit option can be attached to the DES for use in locations where dust or other particulate matter is a concern

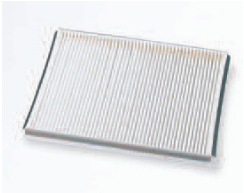
Performance Specifications:

Blower unit	115V AC	Power consumption	74.75 Watts
Cord length	6'6"	Air Flow	250 CFM at 60 Hz
Plug	5-15 P	Operating noise	72 dB at 1 Meter

The optional dual power relay is designed to provide continuous power for the air curtain. Power cords are separately colored for easy cabling

A filter kit is available for those areas where air intake may raise concerns about dust entering the unit

Used with the filter kit, the filters can be re-placed without tools and come in boxes of 12.



Part number	Description
DES-52402550	Enclosure blower, black polymer housing, mounting brackets, 115V, 65 Amps
DES-52407416	Filter assembly, including one filter, media tray (slides into rear of cabinet). Black aluminum finish, with filter capable of 2 micron level particles
DES- 52411816	Dual power relay that can be mounted under the unit, requiring no additional rack space
DES-52408090	Replacement filters for DES-52407416 assembly, box of 12