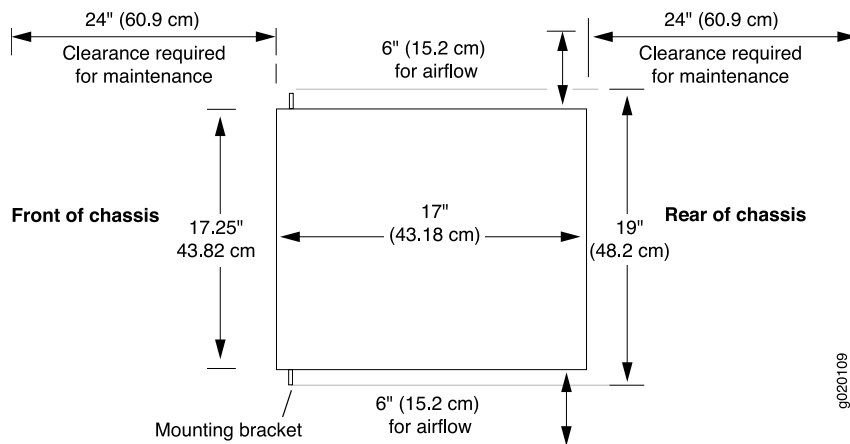


Clearance Requirements for Airflow and Hardware Maintenance for EX3200 and EX4200 Switches

When planning the site for installing an EX3200 or EX4200 switch, you must allow sufficient clearance around the installed switch (see Figure 1).

Figure 1: Clearance Requirements for Airflow and Hardware Maintenance for EX3200 and EX4200 Switches



- Allow at least 6 in. (15.2 cm) of clearance on the side between devices that have fans or blowers installed. Allow 2.8 in. (7 cm) between the side of the chassis and any non-heat-producing surface such as a wall. For the cooling system to function properly, the airflow around the chassis must be unrestricted. Figure 2 shows the airflow through the EX3200 switch chassis and Figure 3 shows the airflow through the EX4200 switch chassis.
- If you are mounting an EX3200 or EX4200 switch in a rack or cabinet with other equipment, or if you are placing it on the desktop or floor near other equipment, ensure that the exhaust from other equipment does not blow into the intake vents of the chassis.
- Leave at least 24 in. (61 cm) both in front of and behind the EX3200 or EX4200 switch. For service personnel to remove and install hardware components, you must leave adequate space at the front and back of the switch. NEBS GR-63 recommends that you allow at least 30 in. (76.2 cm) in front of the rack or cabinet and 24 in. (61 cm) behind the rack or cabinet.

Figure 2: Airflow Through the EX3200 Switch Chassis

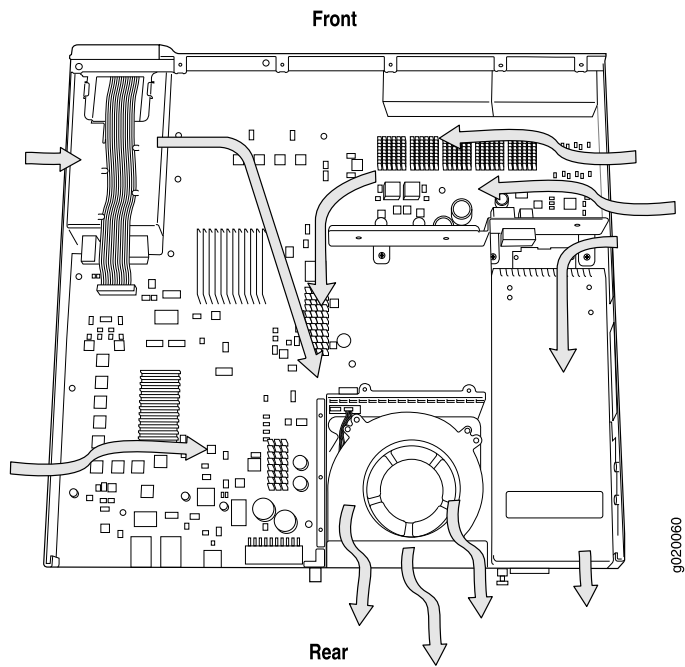
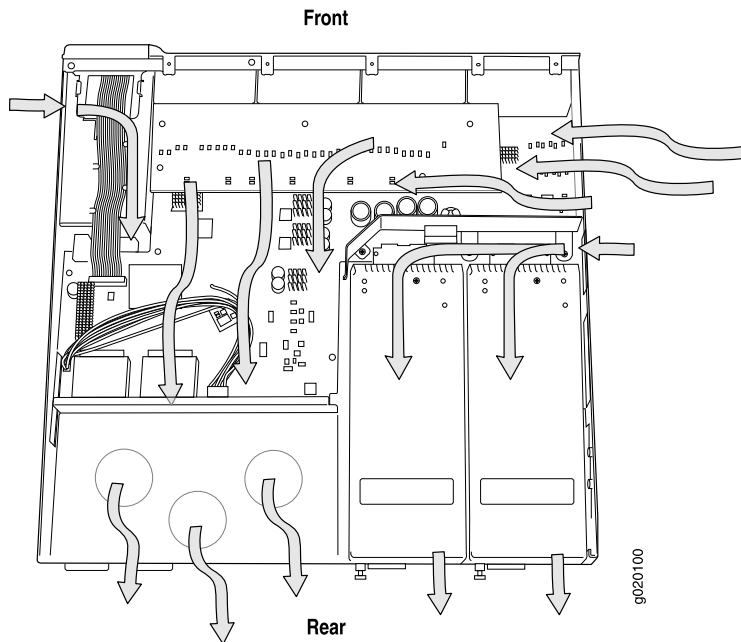


Figure 3: Airflow Through the EX4200 Switch Chassis



- Related Topics**
- Rack Requirements for EX3200 and EX4200 Switches
 - Rack-Mounting and Cabinet-Mounting Warnings for EX Series Switches
 - Cabinet Requirements for EX3200 and EX4200 Switches

- Cooling System in an EX3200 Switch
- Cooling System in an EX4200 Switch

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