Replacing an Air Filter in the 8010co Chassis

To maintain proper operation of the 8010co Chassis, you must periodically replace the air filter in the chassis. How often you need to replace the air filter depends on the conditions of cleanliness at the installation site. Replacement air filters (part number 312194-A) are available from Nortel Networks. To order, contact one of the following Nortel Networks Technical Solutions Centers:

Technical Solutions Center	Telephone
Europe, Middle East, and Africa	(33) (4) 92-966-968
North America	(800) 4NORTEL or (800) 466-7835
Asia Pacific	(61) (2) 9927-8800
China	(800) 810-5000

The air filter complies with the following standards:

- Telcordia (formerly Bellcore)
- GR-63-CORE
- GR-78-CORE
- UL 94 HF-1 flame safety

Table 1 lists the air filter specifications.

Table 1.   8010co air filter specifications

Parameter	Specifications
Part number	312194-A
Height	1.09 cm (0.43 in.)
Width	43.68 cm (17.20 in.)
Depth	46.27 cm (18.22 in.)

Nortel Networks recommends that you replace the air filter every three months. After you install the first 8010co Chassis at your site, inspect the air filter monthly until you can establish an average period of replacement.
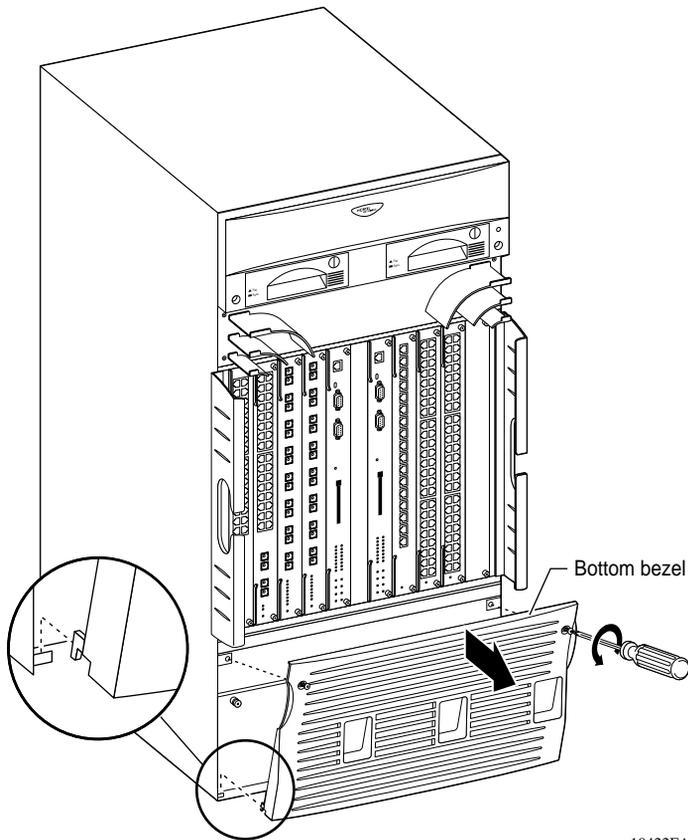
If you install a second 8010co Chassis in the same equipment rack, the effect of the total airflow on the filters changes. Inspect the air filters frequently: the average period of replacement for the lower air filter can differ from that of the upper air filter because of its proximity to the floor. You may want to replace both filters according to the shortest average.

Replacing the air filter

You can replace the air filter while the switch continues to operate. To minimize the amount of time that the switch operates without an air filter, have the replacement filter ready to install before you remove the old one.
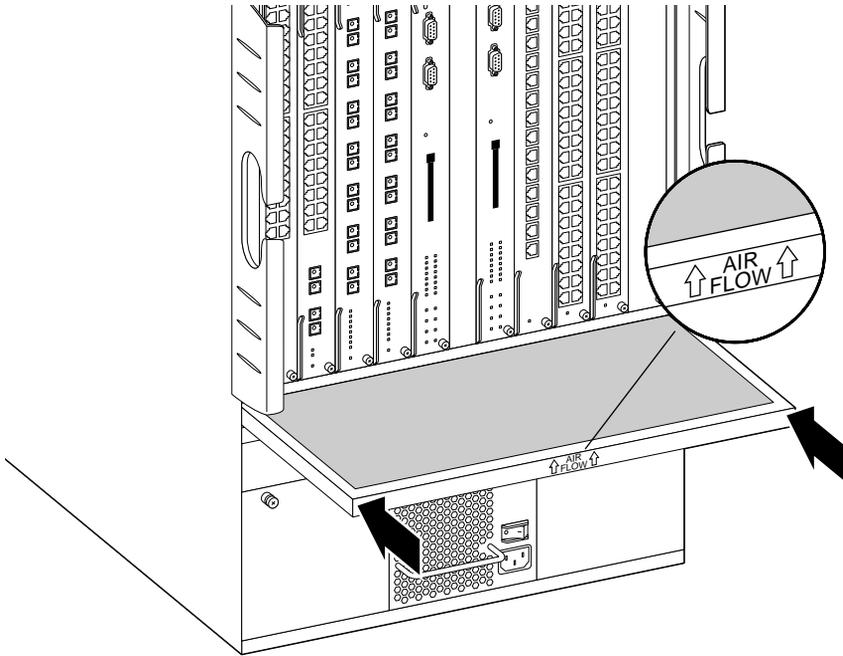
To replace the air filter:

1 Open the container of the new air filter.

2 Remove the bottom front bezel of the 8010co Chassis.

    a Using a Phillips screwdriver, loosen the 2 captive screws securing the bezel to the chassis.

    b Pull the top of the bezel forward and then lift the bezel from the two tabs on the bottom of the chassis (Figure 1).

Figure 1   Removing the bottom bezel from the 8010co Chassis

Bottom bezel

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3   Remove the installed air filter from its housing and set it aside.

If dust is visible on the air filter, move it to another location to prevent dust re-contamination.

4   Hold the new filter by its short sides with the airflow indicator pointing up and align it with the filter housing (Figure 2).

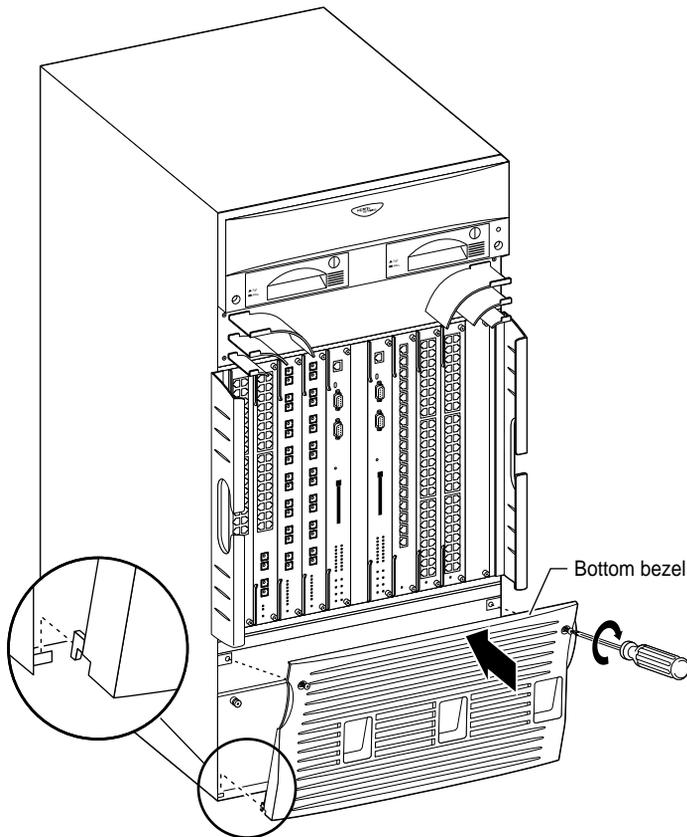**5**   Slide the new filter gently into the housing, using even force at both corners.

Figure 2   Inserting an air filter

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6 Replace the bottom front bezel.

    a Set the two bezel notches (on either end of the bottom of the bezel) into the two tabs at the bottom of the chassis (Figure 3).

    b Push the top of the bezel forward and align the 2 captive screws with the holes on the front of the chassis.

    c Using a Phillips screwdriver, tighten the 2 captive screws to secure the bezel to the chassis.

Figure 3 Replacing the bottom bezel on the 8010co Chassis

Bottom bezel

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