Installation Notes for the Catalyst 3750-X and 3560-X Switch Fan Modules

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For information about using the fan module, see the *Catalyst 3750-X and 3560-X Switch Hardware Installation Guide*. For translations of the safety warnings that appear in this publication, see the *Regulatory Compliance and Safety Information for the Catalyst 3750-X and 3560-X Switch*. These documents are available on Cisco.com:


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Product Overview

The switch has two fan modules. Each fan module contains two fans. Fan modules are hot-swappable.
Fan Module Installation

Installation Guidelines

Observe these guidelines when removing or installing a fan module:

- Do not force the fan module into the slot. This can damage the pins on the switch if they are not aligned with the module.
- A fan module that is only partially connected can disrupt the system operation.
- The switch supports hot swapping of the fan module. You can remove and replace the module without interrupting normal switch operation.

![Diagram of Fan Module]

**Warning**

Only trained and qualified personnel should be allowed to install, replace, or service this equipment.

Statement 1030

Installing a Fan Module

**Step 1**
Pinch the fan module release handle, and slide the module out.

**Caution**

You should replace the fan module within 5 minutes to avoid overheating the switch.

**Step 2**
Install the fan module in the fan slot, and firmly push it into the slot, applying pressure to the end of the module, not the extraction handles. When correctly inserted, the fan module is flush with the switch rear panel. When the fan is operating, a green LED is on in the top left corner of the fan.
Finding the Fan Module Serial Number

If you contact Cisco Technical Assistance regarding a fan module, you need to know the fan module serial number. See Figure 3 for the serial number location.

Technical Specifications

Table 1  Fan Module Environmental and Physical Specifications

<table>
<thead>
<tr>
<th>Environmental Ranges</th>
<th></th>
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<tbody>
<tr>
<td>Operating temperature</td>
<td>23 to 113° F (−5 to 45° C)</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>−40 to 158° F (−40 to 70° C)</td>
</tr>
</tbody>
</table>
Relative humidity 10 to 95% (noncondensing)
Altitude Up to 10,000 ft (3049 m)

Physical Specification
Dimensions (H x D x W) 1.68 x 6.8 x 5.74 in. (4.27 x 17.27 x 14.58 cm)
Weight 0.24 lb. (0.1 kg)

Operating Specification
Airflow 60 cfm

Table 2 Standards and Certifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electromagnetic compatibility certifications</td>
<td>FCC Part 15 Class A</td>
</tr>
<tr>
<td></td>
<td>EN55022 Class A (CISPR22)</td>
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<tr>
<td></td>
<td>EN55024 (CISPR24)</td>
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<td></td>
<td>CE</td>
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<td></td>
<td>VCCI Class A</td>
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<td></td>
<td>AS/NZS CISPR22 Class A</td>
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<tr>
<td></td>
<td>MIC</td>
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<tr>
<td></td>
<td>China EMC certifications</td>
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<td></td>
<td>GOST</td>
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<tr>
<td>Environmental</td>
<td>Reduction of Hazardous Substances (ROHS) 5</td>
</tr>
<tr>
<td>Noise specifications</td>
<td>Office product spec: 48 dBA at 86º F (30º C)</td>
</tr>
<tr>
<td>Telco</td>
<td>CLEI code</td>
</tr>
</tbody>
</table>

Related Publications

These documents are available on Cisco.com:

- Catalyst 3750-X and 3560-X Switch Getting Started Guide
- Catalyst 3750-X and 3560-X Switch Hardware Installation Guide
- Regulatory Compliance and Safety Information for the Catalyst 3750-X and 3560-X Switch
- Installation Notes for the Catalyst 3750-X, Catalyst 3560-X Switch Power Supply Modules
- Installation Notes for the Catalyst 3750-X and 3560-X Switch Fan Module
- Installation Notes for the Catalyst 3750-X and 3560-X Switch Network Modules
- Release Notes for the Catalyst 3750-X and 3560-X Switch
- Catalyst 3750-X and 3560-X Switch Software Configuration Guide
- Catalyst 3750-X and 3560-X Switch Command Reference
- Catalyst 3750-X, 3750-E, 3560-X, and 3560-E Switch System Message Guide
- Cisco IOS Software Installation Document
Information about Cisco SFP and SFP+ modules is available from this Cisco.com site:
SFP compatibility matrix documents are available from this Cisco.com site:

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly What’s New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

Subscribe to the What’s New in Cisco Product Documentation as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

This document is to be used in conjunction with the documents listed in the “Related Publications” section.

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