

show temperature

This chapter describes the output of the **show temperature** command variants.

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The **show temperature** command displays the current temperatures for installed cards, as well as the lower and upper fan trays.

Table 1: show temperature Command Output Descriptions

Field	Description
Card	Indicates the slot number location of an installed card.
xx C	Displays the current temperature in Celsius detected by a sensors on the card or fan unit. The maximum temperature limit at which the card is shut down appears in parentheses immediately after the current temperature. Temperature readings will vary by card based on the location of the card within the chassis and the turbulence associated with moving air around, over and through devices on the cards. There are temperature sensors associated with major power consuming devices on each card. When any device on any card exceeds a pre-set temperature limit, the fan speed is increased on both fan trays. When all sensors on all cards are below the threshold, fan speed is proportionally reduced. When the absolute limit is reached for a device on a card, the card is shut down. To display detailed information on device-level temperature sensors, run **show temp verbose**.
Fan Upper	Indicates the temperature in Celsius of the air being exhausted from the chassis. The maximum operating temperature should not exceed +55 degrees C.
Fan Lower	Indicates the temperature in Celsius of the air being pulled into the chassis. The maximum ambient temperature should not exceed +40 degrees C. A temperature reading above +30 degrees C typically indicates that the environmental control system at the installation site may not be capable of handling the heat load of the chassis.

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