

Delta InfraSuite ADU

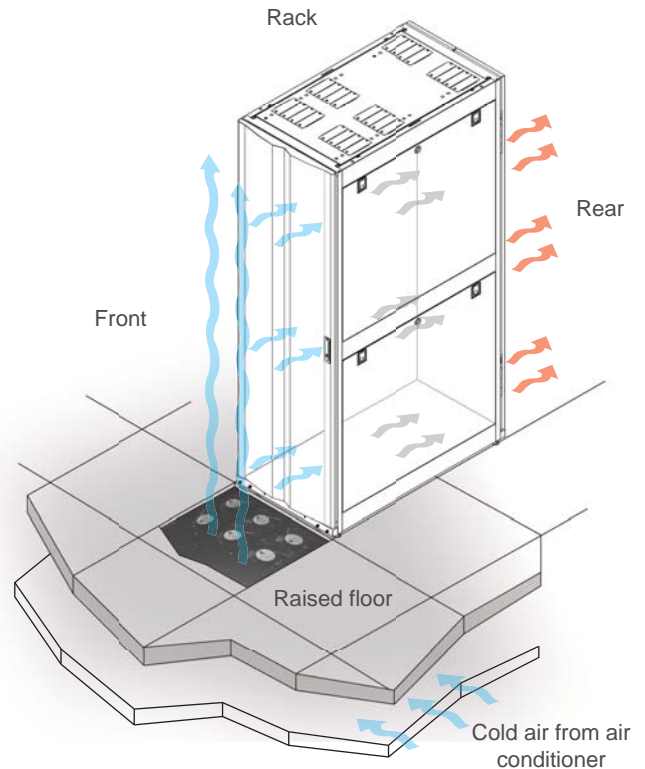
Air Distribution Unit

Highly efficient, energy-saving temperature control

In a data center with an raised floor, air-conditioned cold air is often delivered to each rack through channels under the floor. However, as the cold air is delivered to a remote rack, air flow is reduced. Raised floors are often laid with cables and pipes that hinder the delivery of cold air and result in major hot spot issues.

Delta's Air Distribution Unit (ADU) is designed to address this problem. Its air supply capacity of up to 1000 CFM assists in the delivery of cold air to the cabinet location where greater heat dissipation is required, to remove hot spots.

Delta's ADU is easily attached to dedicated raised floors. The ADU detects the temperature of the cooled air source and the temperature inside the rack and adjusts the fan speed for energy savings.



Easily installed beneath raised floor

Features and Benefits

- Air supply capacity up to 1000 CFM
- Intelligent fan speed control saves electricity costs
- Easy to install and suitable for standard raised floor
- Automatic abnormal temperature and short-circuit protection
- LED indicators for fan status and errors
- 4 dry contact outputs for alarm messages



Delta InfraSuite ADU

Air Distribution Unit

Technical Specifications

| | | | |
|---------------------------------|-----------------------------|---|-------------------|
| Name | Air Distribution Unit (ADU) | | raised floor |
| Model | HC5990 | | HC5991 |
| Input | Rated voltage | Single-phase 100 ~ 240 Vac (included two power supply lines) | |
| | Voltage Range | 90 ~ 264 Vac | |
| | Frequency | 50/60 ± 3 Hz | |
| | Input Protection | 6.3A / 250 Vac fuse | |
| Output | Air flow | > 1000 CFM | |
| | Dry contact | System failure, abnormal temperature, fan failure, abnormal ambient temperature | |
| Safety Certification | CE, EN55022 Class A | | |
| Environment | Certification | 0 ~ 45 °C; Storage: -20 ~ 60 °C | |
| | Temperature: | 20 ~ 90% (no condensation) | |
| Physical Dimensions (W x H x D) | Relative Humidity: | 430 x 400 x 54 mm | 600 x 600 x 50 mm |
| Net weight | | 5.62 kg | 8.94 kg |

· Specifications are subject to continuous development and improvement. For updated specifications, please contact our company or channel distributor.

