

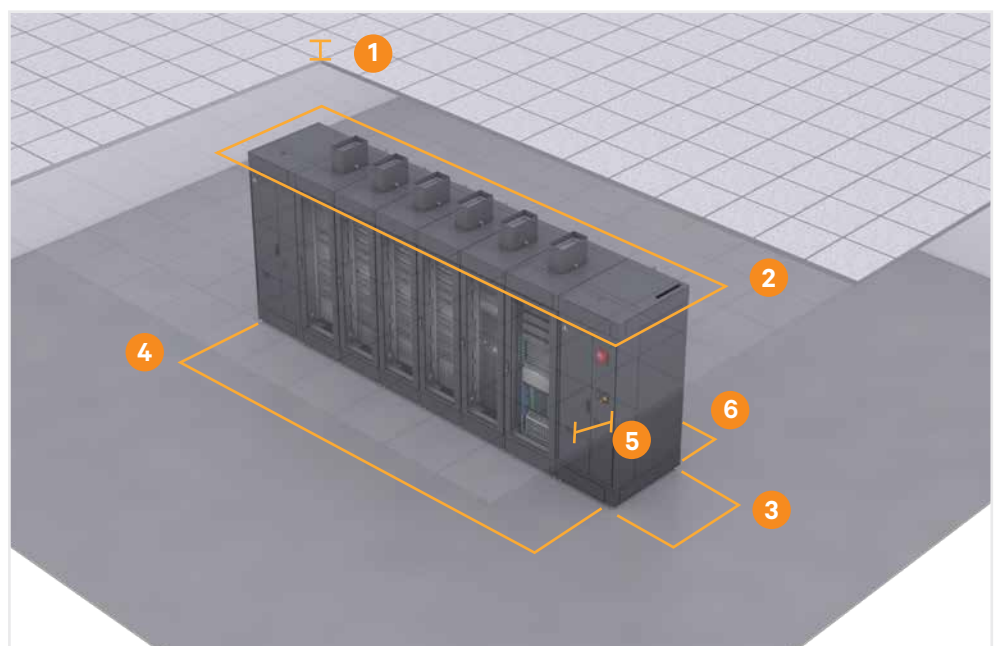
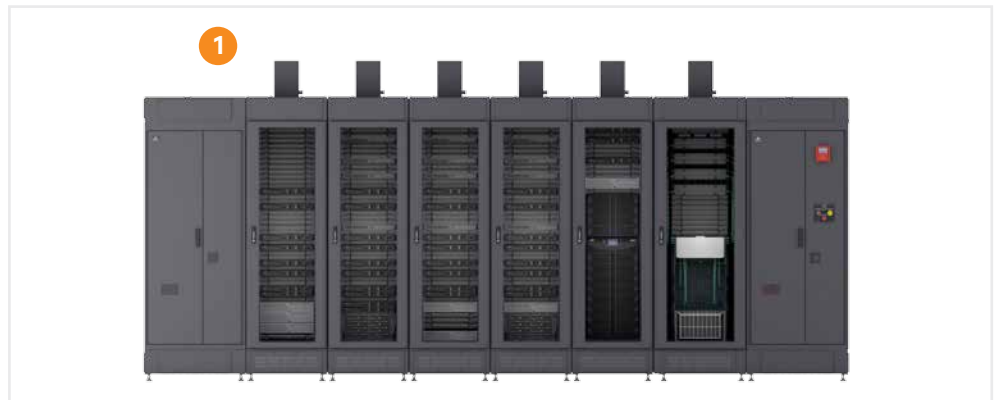
OVERVIEW

The SmartRow™ infrastructure from Vertiv™ is a simplified, standardized and rapidly deployable data center environment with significant CAPEX and OPEX savings over conventional designs. No other solution on the market provides such ease of deployment and integration. This complete data center infrastructure solution allows you to easily deploy and effectively manage an integrated IT infrastructure without being limited by building systems such as fire suppression and cooling.

SmartRow is available in three- six rack configurations for up to 20kW (N / N+1) of total cooling capacity; and five to ten rack configurations for up to 36kW (N) of total cooling capacity. The solution allows the flexibility of starting small and expanding over time.

As you review a site for the SmartRow DCR, use these guidelines to ensure the location will accommodate the solution.

1. DCR Emergency ventilation Fan discharge airflow clearance: 16 inches
2. Distance from closest sprinkler head to any surface on the SmartRow DCR (Required): 18 inches
3. Clearance on the side of the SmartRow DCR (recommended): 36 inches
4. Clearance in front and rear of SmartRow DCR racks for door clearance and access (recommended): 28 inches
5. Clearance in front of Control Panel & Fire Suppression system: 36 inches
6. Clearance in front of SmartRow DCR PDX/PCW front door (required): 36 inches



Subhead: Ventilation Requirements

1. Maximum room temperature for emergency ventilation: 85 degrees Fahrenheit.
2. If the room is sealed, the air inlet opening size for the room should be 1.5 ft² per rack.
3. The air-supply inlet temperature to the room should match the output capacity of the emergency ventilation fans.
4. If the ceiling space is not open to the rest of the building, a damper or grill of 1.5 ft² per rack will be required.



Power Requirements

5. The SmartRow™ DCR requires two power supplies, one for the Liebert® PDX/PCW cooling unit(s) and one for the SmartRow DCR. The Load Distribution Center power supply must be connected to an on-line, double - conversion UPS power source. The power supply to the UPS can be either a 120/208 VAC, 3PH, 5 wire connection, or 1PH, 4-wire connection.

The SmartRow PDX/PCW power supply can be 3PH 460V, 208V, or 230V.