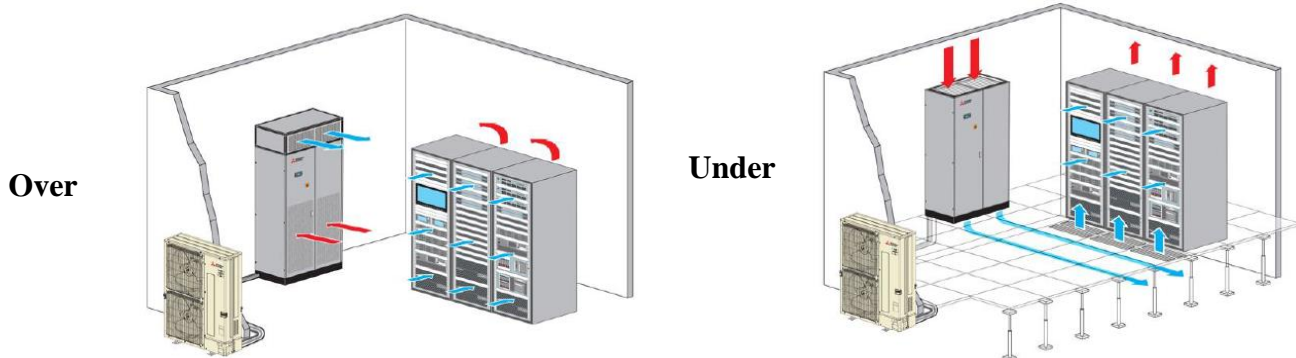


s-MEXT: Separate Power Supply

APPLIED HVAC

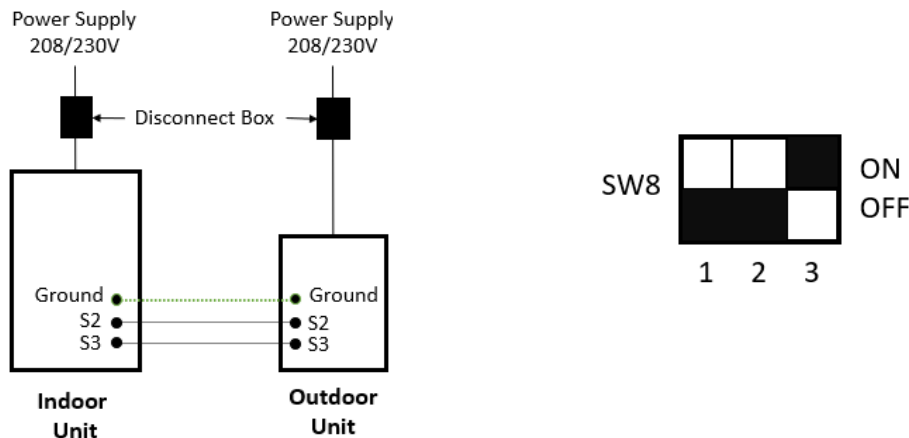


Introducing the Mitsubishi Electric s-MEXT unit; designed for computer room air conditioning (CRAC) and IT environment applications. The s-MEXT indoor unit is offered in either under or over airflow configurations and in 24,000 and 42,000 btu/h capacities which connect to the equivalent P-series outdoor units.



Like all P-Series equipment, A-Control communication is used for system control between the units and is connected to S2 and S3 terminals (2 x AWG14) of the respective units' terminal block. Separate sources of power to each unit is required and are connected to L1 & L2 terminals. This is due to s-MEXT having a larger fan motor for handling larger airflow and static pressures, as well as optional electric heater dehumidifier for humidity control. Sizing of breaker and wire gauge for power supply is dependent on electrical specifications of the unit and must comply with the Canadian Electrical Code/CSA.

Furthermore, dip-switch SW8-3 at the outdoor unit's controller circuit board must be enabled (ON) for installations with separate power supplies. Neglecting of dip-switch configuration will not allow system operation.



For more information on how to perform all functions listed in this document, visit www.mitsubishitechinfo.ca or email us at HowItWorks@mitsubishielectric.ca