

COOLING PRODUCTS DESIGNED TO PROTECT YOUR MOST VALUABLE ASSETS



For more than 35 years, Mitsubishi Electric has been a leader in providing the most energy efficient, environmentally friendly HVAC products. We are renowned for our technology, innovation, quality and reliability. Our family of asset protection products are designed for temperature control to protect your most valuable assets.

P-SERIES OUTDOOR UNIT



THE HEART OF CRITICAL COOLING.

The unparalleled quality and reliability of Mitsubishi Electric's cooling products are built upon the legacy of our P-Series outdoor unit. Designed to meet the needs of small to medium commercial applications, these single-zone systems are perfectly suited for mechanical and electrical rooms and all spaces where critical cooling is required.

VARIABLE SPEED COMPRESSOR

P-Series is equipped with Mitsubishi Electric's advanced INVERTER-driven scroll compressor that can adjust its speed to ensure consistent cooling and optimal energy savings.

DURABILITY

Factory-installed ultra-low ambient cooling to -40°C^* , our outdoor unit can withstand around-the-clock usage in extreme conditions with minimal service requirements.

DESIGN FLEXIBILITY

P-Series accommodates extra-long pipe lengths of up to 225 feet. This provides enough flexibility for the condenser and indoor unit to be installed strategically to suit the overall design and functionality requirements of the commercial space.

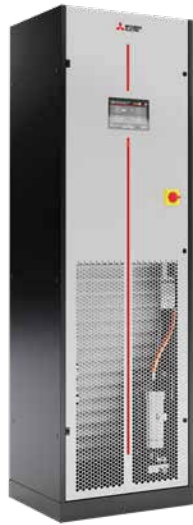
*Cooling down to -40°C when paired with P-Series indoor units only. Requires windscreen for operation below -5°C . All test conditions based on AHRI 210 / 240.

INTRODUCING s-MEXT INDOOR UNIT

For mission critical cooling in small to medium enterprises.

The margin of error for protecting your most valuable assets is zero. s-MEXT provides high-sensible cooling, precise temperature and humidity control in:

- IT server rooms
- Data centres
- Distribution rooms
- Battery rooms
- Archive storage rooms
- ...and any space that requires year-round cooling



s-MEXT-G02-M1

LOW AMBIENT COOLING

When paired with the P-series outdoor unit, s-MEXT provides factory installed low ambient cooling to -15°C.

HUMIDITY CONTROL

Provides precise humidity control with optional electric reheat, dehumidification control and optional steam humidifier.

REDUNDANCY FUNCTION

Balances unit operations and controls the staging of units in abnormal conditions, including automatic switchover and lead-lag control of redundant units.

MODULAR FLEXIBLE DESIGN

Additional units can be added as server rooms get larger, with multiple systems networking together as a single system.

MISSION CRITICAL FEATURES

Optional fire, smoke and water leak detectors and configurable alarms keep operators updated on room status to ensure anomalies are addressed preventatively. Other optional accessories include: Dual Power Supply, Electric Heater, Steam Humidifier, Intake-Free Cooling Plenum, Network Analyzer.

EVOLUTION+ CONTROLLER

The advanced logic control for s-MEXT. It precisely controls the compressor and indoor fans to satisfy the room conditions, while maximizing efficiency.

DOWNFLOW AND UPFLOW CONFIGURATIONS

The Downflow configuration has a bottom air supply and top air return and is suited for rooms with raised floors. The Upflow configuration comes with a top air supply and front air return.



DOWNFLOW CONFIGURATION



UPFLOW CONFIGURATION

P-SERIES INDOOR UNITS

For general and critical cooling in small application settings.

P-Series indoor units are compact yet powerful, offering energy efficiency and design flexibility. They are designed for general cooling in settings such as:

- Electrical rooms
- Computer closets
- Mechanical rooms
- ...and other small environments



DESIGN FLEXIBILITY

Standard P-Series units feature several indoor models to choose from, including: ceiling-hung, ducted, cassette and wall mount - all with various control features.

OPTIMAL AIRFLOW CONTROL

Remote controllable vanes can be adjusted to deliver airflow in desired directions.



WALL-MOUNTED
PKA-A12/18HA/24/30/36KA



CEILING-RECESSED
PLA-A24/18/24/30/36/42EA



CEILING-CONCEALED (DUCTED)
PEAD-A12/18/24/30/36/42AA



CEILING-SUSPENDED
PCA-A24/30/36/42KA

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For more information, contact
your local distributor or visit
AssetProtectionCooling.ca



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