

AGILEAIR INTELLIGENT COOLING CHIMNEY DUCTS



Chimney Duct, Fan Chassis, Fan Cartridges, on top of Cabinet



Pressure Sensor



Controller Unit



Replacement Fan Cartridge

KITS

PART NUMBER	DESCRIPTION
RFM-AACD-P	PASSIVE UNIT CHASSIS C/W BLANK PANELS
RFM-AACD-10	CHASSIS, CONTROLLER, PRESSURE SENSOR, AND 2 FAN CARTRIDGES FOR 10kW
RFM-AACD-20	CHASSIS, CONTROLLER, PRESSURE SENSOR, AND 2 FAN CARTRIDGES FOR 20kW
RFM-AACD-30	CHASSIS, CONTROLLER, PRESSURE SENSOR, AND 2 FAN CARTRIDGES FOR 30kW

CHIMNEY DUCT

PART NUMBER	DESCRIPTION
RFM-AACD-CD-8	8" CHIMNEY DUCT
RFM-AACD-CD-12	12" CHIMNEY DUCT
RFM-AACD-CD-24	24" CHIMNEY DUCT
RFM-AACD-CD-48	48" CHIMNEY DUCT
RFM-AACD-CD-7X	EXPANDABLE CHIMNEY DUCT (0" ~ 7")
RFM-AACD-CD-13X	EXPANDABLE CHIMNEY DUCT (0" ~ 13")

REPLACEMENT FAN CARTRIDGE

PART NUMBER	DESCRIPTION
RFM-RFC-10	REPLACEMENT FAN CARTRIDGE FOR 10kW
RFM-RFC-20	REPLACEMENT FAN CARTRIDGE FOR 20kW
RFM-RFC-30	REPLACEMENT FAN CARTRIDGE FOR 30kW

CONTROL UNIT

PART NUMBER	DESCRIPTION
RFM-AAIC	INTELLIGENT CONTROL UNIT

Features:

- Sophisticated temperature and pressure sensors control fan speeds and exhaust hot air through chimneys.
- Solutions for loads up to 30kW
- Eliminates hot air mixing, wrap around heating and hot spots
- Complete hot air separation enables highest CRAC/CRAH return temperatures. Maximize Delta T
- Suitable for slab or raised floor environments
- Allows for more densely populated cabinets
- Plug and play fan units make for easy installation
- Multiple units work together to share cabinet loads
- Operational redundancy increases as systems work in concert
- In the event of utility failure, heat continues to be exhausted by cooling unit connected to your UPS
- If a fan is shut down for maintenance or repair, the load transfers to others in the row
- System capacity automatically scales as loads are added or removed
- Automated load balancing eliminates micromanaging airflow requirements
- Automatic notification of system threshold breach via email or SNMP
- Environmental conditions reported automatically
- Embedded software allows for real time monitoring of heat load, temperature and alarm conditions for each unit
- User friendly dashboard for quick viewing of performance data
- Integrates with DCIM software