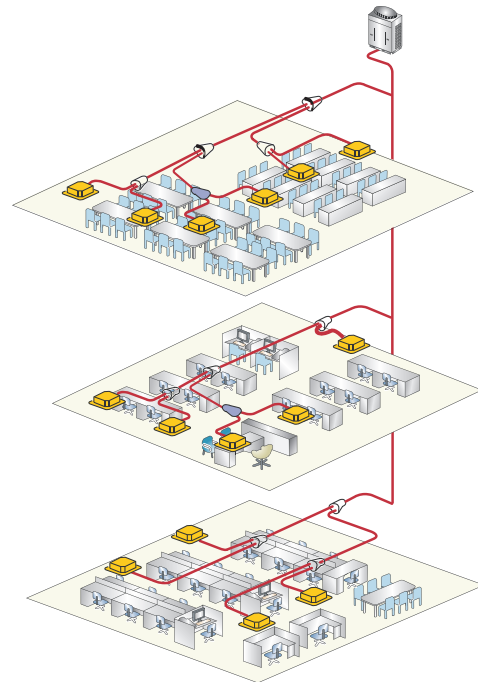
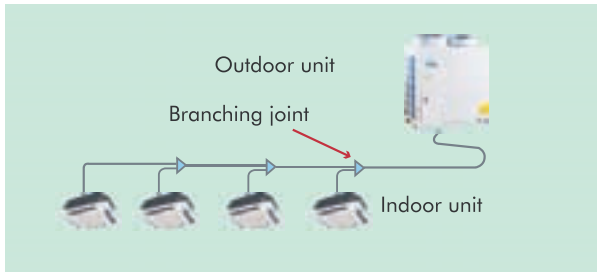


Multi VRF System

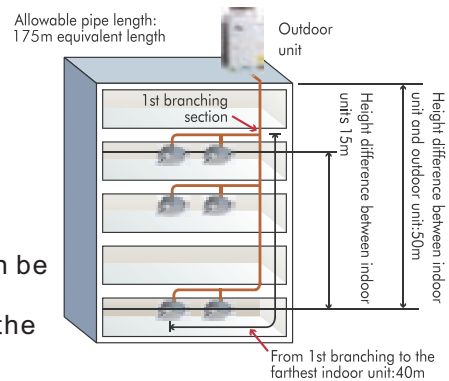
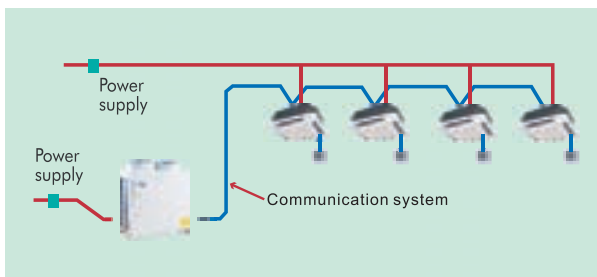
▶ Shortest Route Design by Free Branching

Combination of line and branching pipe connection makes the shortest design route possible, thereby saving on installation time and cost.



▶ Simple Wiring

Multiplex communication system makes it possible to connect multiple indoor units to one outdoor unit with a 2-core wire, thus simplify the wiring operation.



▶ High Lift Design

175m Equivalent length and 50m height difference can be achieved by Condor VRF. 15m of height difference between indoor units makes the location of the system more flexible.

▶ Energy Saving

Each room can be controlled individually, so that only those rooms requiring air conditioning are cooled or heated. In addition, thanks to the stepless regulation technology and EXV (Electronic Expansion Value) applied in both indoor and outdoor units, the temperature of each room can be precisely controlled. High IPLV is achieved by employing cutting-edge technology. The highest IPLV value can reach 4.6w/w (15.69Btu/w-hr). Compared with the traditional chiller fan coil system, a large energy saving can be realized.

▶ Self Diagnostics System

Comprehensive troubleshooting code was displayed when problems happened.

Self diagnostics examples

Error code	Nature of malfunction
E1	Compressor high pressure protection
E2	Indoor unit anti-freeze protection
E3	Compressor low pressure protection
E4	Compressor discharge temperature protection
E5	Compressor over loading protection
E6	Communication malfunction

► Compact Design

We offer a wide range of outdoor and indoor units to meet the needs of building size and interior design. Long refrigerant pipe is applicable to ensure better flexibility.

In most situation, no special cranes or conveyers is needed to life the outdoor unit to the roof for it can be carried by elevator in the building thanks to compact design connection.

Compact connection refrigerant piping system ensures GMV with great advantage of saving ceiling space, especially in low profile buildings.

► Intelligent Control

GMV intelligent controls and modulating valves could deliver the required capacity, according to the load variation from 10% to 100%. The intelligent controls and modulating valves limit or increase the cooling capacity dynamically, so humidity and temperature are kept in the comfort range.

Electronic expansion valves respond to the changes in load of indoor units and continually control the flow rate of refrigerant. In this way, we can get a nearly constant room temperature with the GMV system without common temperature fluctuation that occurs with a conventional ON/OFF control system. The precise PID controls maintain the room temperature within $\pm 0.5^{\circ}\text{C}$ of the set temperature.

► Wide Control Application

Intelligence Network system

- ◆ Central control available (provided with weekly timer function)
- ◆ Network monitoring system available
- ◆ Wireless remote controller or wired controller of indoor units
- ◆ Diagnosis software for service purpose
- ◆ Region wired controller

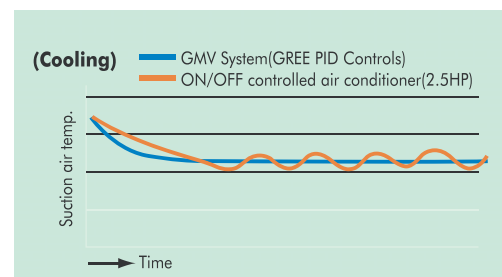
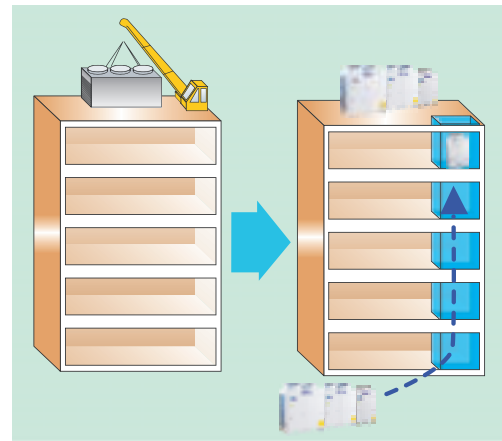
► Larger capacity

Rm series and Pdm series are modular design that maximum 4 basic modules can be together to achieve max capacity of 180kW with advanced controlling, the outdoor differences that no need to appoint master or slave units.

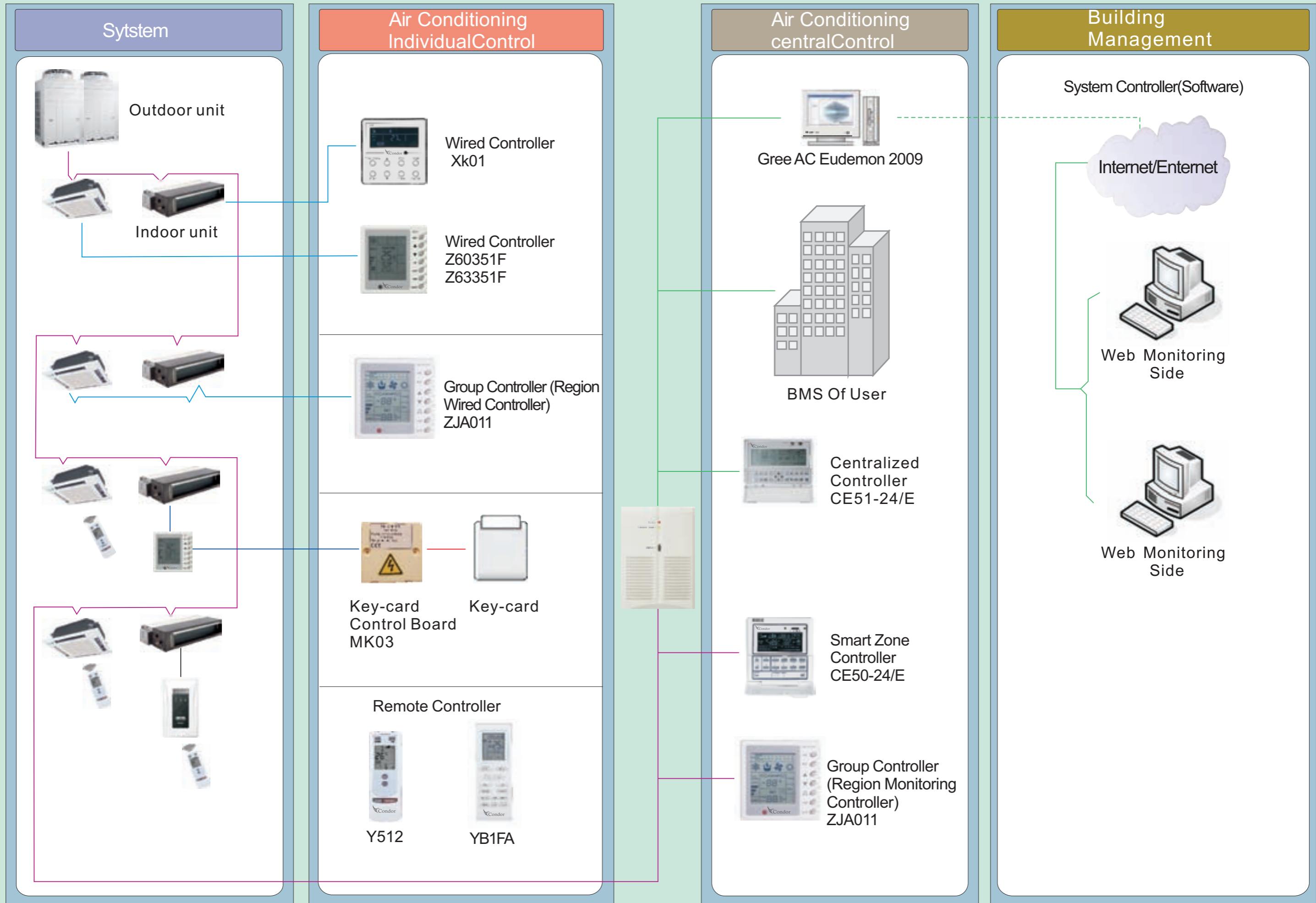
► D.C. Inverter fan

Thanks to high-efficiency D.C. inverter fan motor, the outdoor units are high efficiency and low noise; the ESP (external static pressure) is up to 50Pa, that ducting installation for hot air exhaust can be satisfied in the device floor.

(Note: Only specified models equip with D.C. inverter fan motor, others are inverter motor, for more detail please contact our Sales).







Sytem



Outdoor unit



Indoor unit



Air Conditioning IndividualControl



Wired Controller Xk01



Wired Controller Z60351F Z63351F



Group Controller (Region Wired Controller) ZJA011



Key-card Control Board MK03



Key-card

Remote Controller



Y512



YB1FA

Air Conditioning centralControl



Gree AC Eudemon 2009



BMS Of User



Centralized Controller CE51-24/E



Smart Zone Controller CE50-24/E



Group Controller (Region Monitoring Controller) ZJA011

Building Management

System Controller(Software)



Internet/Enetnet



Web Monitoring Side



Web Monitoring Side