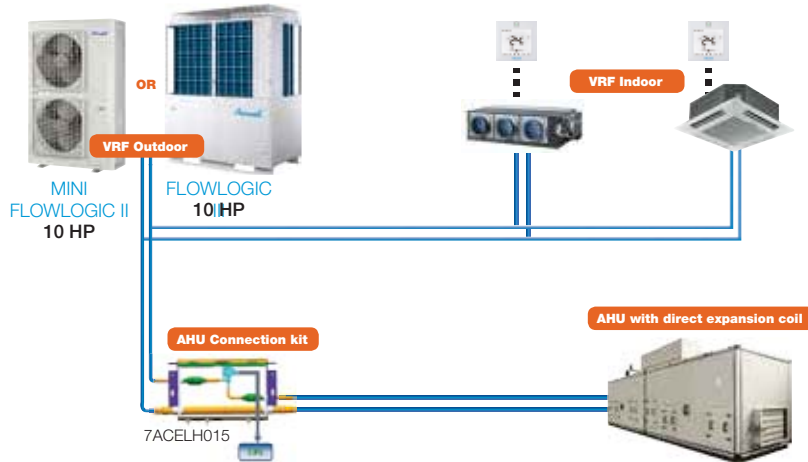


AHU Connection Kit

Airwell offers a range of connection kits to connect VRF outdoor units to third party DX air handling units.

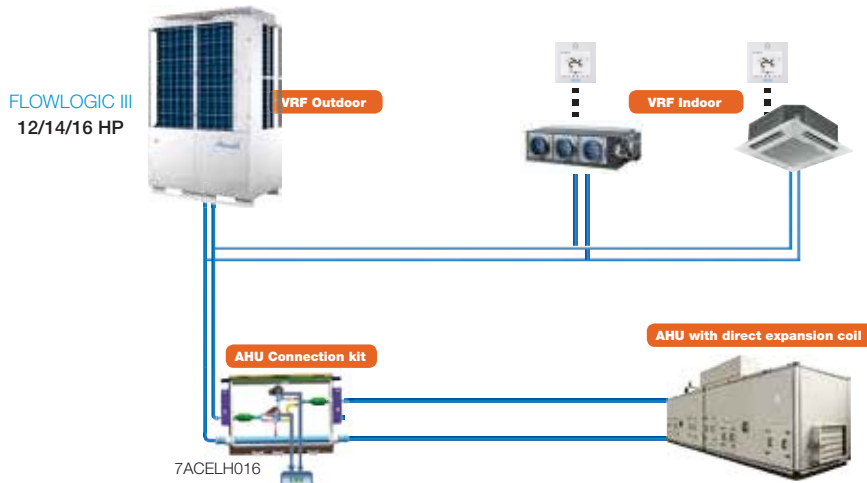
■ CONFIGURATION BETWEEN 14 AND 28 KW



5 HP (14 kW) < Connected AHU capacity ≤ 10 HP (28 kW)

AHU and direct expansion coil to be purchased through other supplier



■ CONFIGURATION BETWEEN 28 AND 56 KW



10 HP (28 kW) < Connected capacity ≤ 20 HP (56 kW)

AHU and direct expansion coil to be purchased through other supplier

VRF OUTDOOR LINE UP

OUTDOOR	MINI FLOWLOGIC II	FLOWLOGIC III
Modèle	All range	All range
		
Power supply	3/380~400V/50Hz 3/380~400V/60Hz	3/380~400V/50Hz/3/380~400V/60Hz 3/220V/60Hz/3/460V/60Hz
AHU kit	7ACELH015 5 HP (14 kW) < Connected AHU capacity ≤ 10 HP (28 kW)	7ACELH016 10 HP (28 kW) < Connected AHU capacity ≤ 20 HP (56 kW)

SYSTEM APPLICATION

- Provides a solution for big space to cool down the supplied fresh air with VRF outdoor units to match the air handling units. Integrates all advantages of VRF and AHU units.
- EU legislation requires that every working place has to be supplied with a minimum of 25 m³/h/person of fresh air. So it means that every office, every shop and mostly every commercial building MUST have this solution in order to comply with the standard.



Buildings



Shopping centres



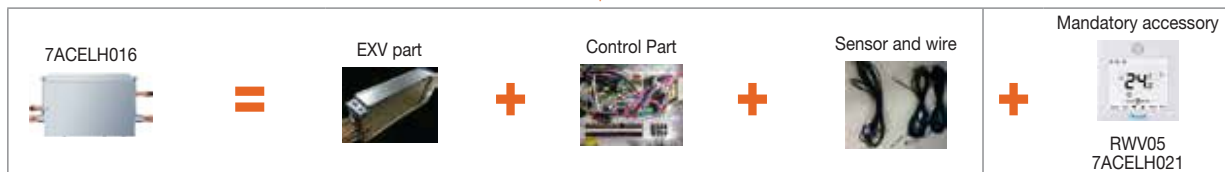
Hospitals

AHU KIT CONFIGURATION

Airwell AHU Connection Kit consists in the following 4 parts:

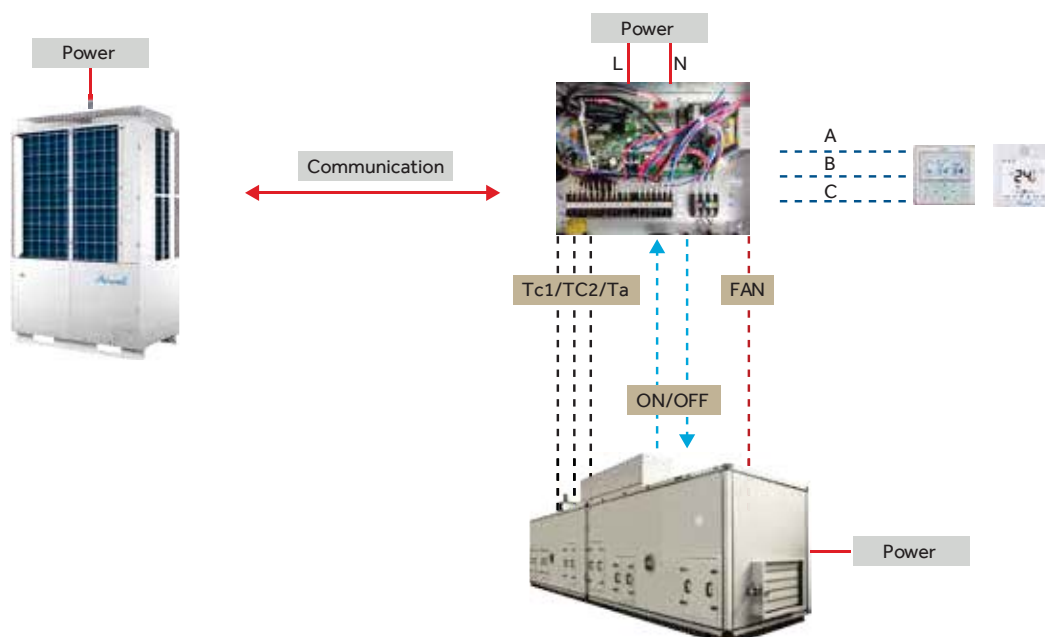


Different Valve ▼ Same Control Parts



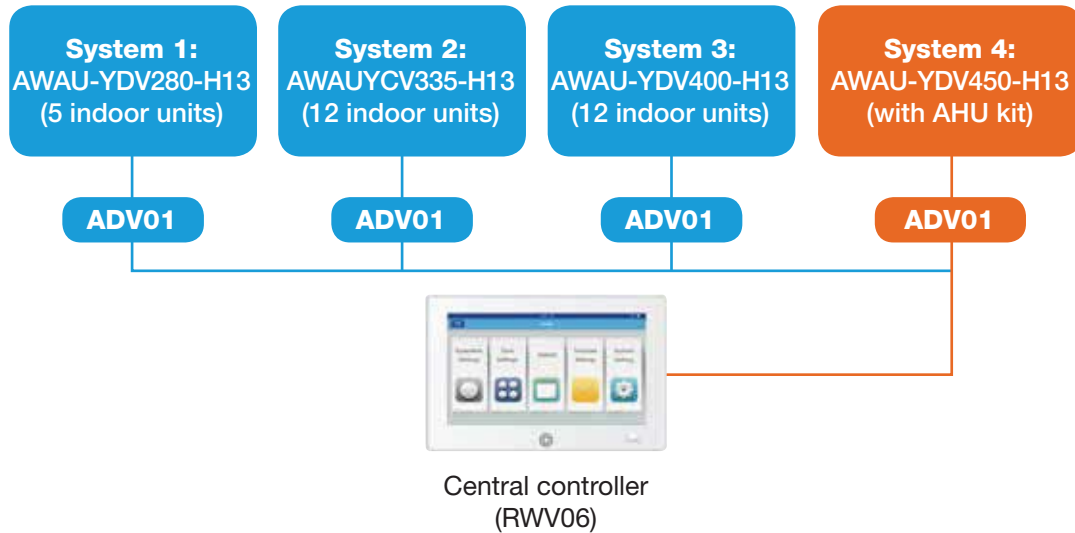
- EXV part, Control part, Sensor and wire are all integrated in one box.
- Controller need to be purchased separately.

WIRING DIAGRAM



CONNECTION KIT CONTROL

Central Control: AHU control is same as VRF indoor unit control.



Easy Installation

- Adopting the VRF outdoor, not the traditional chiller outdoor system, is easier to design and install since no additional water system such as boilers, gas connections, cooling tower etc. are required. This also reduces the total system cost.
- AHU can provide enough cooled fresh air to big spaces other than HRV and fresh air indoor units.
- All the control system for VRF outdoor is available:
 - Wired control
 - Central control
 - Net work control
 - BMS control

ADVANTAGES & SPECIFICATIONS

- Connected AHU capacity from 5HP to 20HP.
- Highly Compatible 1. Same PCB board with VRF indoor, easy operation and service.
- Same wired controller can be used with VRF indoor unit.