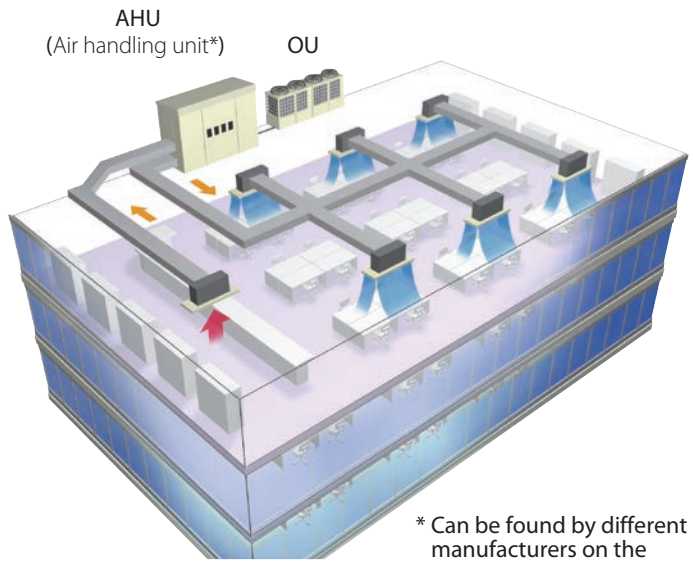
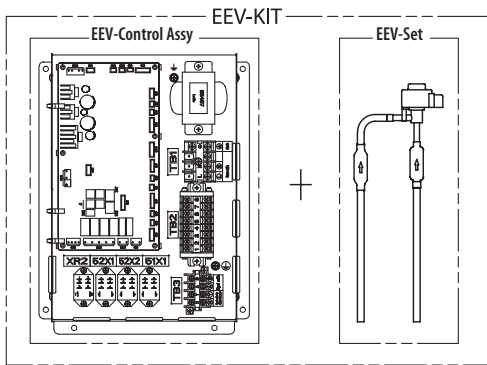


AHU control system **EEV-KIT**

EEV-KIT is a control kit for any type of AHU and/or fan coil with direct expansion coil that can be found on the market, which permits connection with KXZ OU.

EEV-KIT consists of an electronic control system and an electronic expansion valve for refrigerant flow control.



* Can be found by different manufacturers on the market

Applications

Type of system	EEV-KIT		
	EEVKIT6-E-M	EEVKIT6-E-C	
Single	-	1 or more boxes in parallel*	
Multiple	1 box (Master)	Multiple boxes (Slave)	
Model	EEV6-71-E	EEV6-160-E	EEV6-280-E
Size (kW)	2.20~7.10	9.00~16.00	22.40~28.00

* Can connect to a single cooling system. In the case of more than one cooling system, make sure to use EEV-KIT control ASSY for multiple systems.

System configuration

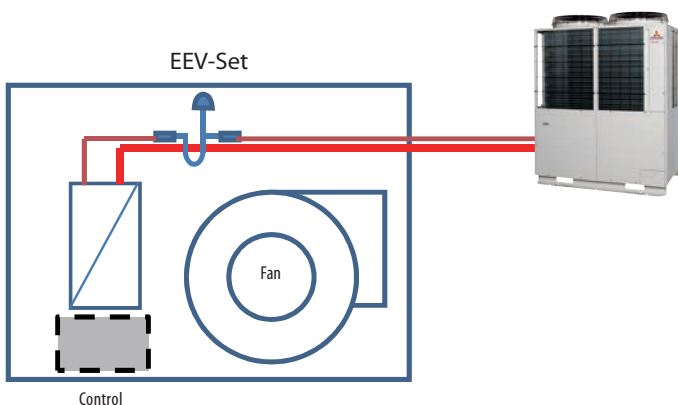
- In the case of a single cooling system, you must use one EEVKIT6-E-C control for each expansion valve up to a maximum of 32.
- In the case of a multiple cooling system, you must use one EEVKIT6-E-M 1 master control + no. EEVKIT6-E-C controls up to a maximum of 32.
- The EEVKIT6-E-C control is common use for single and multiple systems.

Single cooling system

A system composed of several outdoor units with a single cooling circuit (see the two examples below). In the figure to the left, system A uses one single EEV-KIT. In the figure to the right, system B uses more than one EEV-KIT.

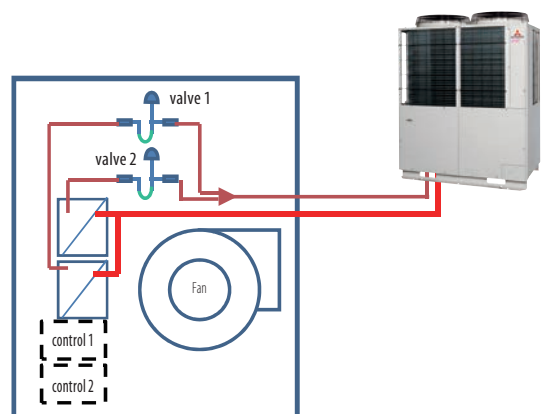
System A

This system only has an EEV-KIT installed on an internal coil consisting of a single exchanger. This type of system can be applied to internal coils with maximum power 10HP (28 kW).



System B

It is a system that has more than one EEV-KIT installed in an internal coil consisting of multiple exchangers in a single cooling circuit. This system can reach a maximum power of 60HP (KXZ), 48HP (KXE6).



Control system for UTA **EEV-KIT**

Multiple cooling system

This system is composed of an air handling unit with the following characteristics:

1. Multiple cooling circuits
2. Presence of a Master control system that controls the whole system.

Advantages

- Possibility of expanding the system with respect to the single system up to a power of 896 kW (indoor unit: composed of 32 circuits, 28 kW).
- Possibility of remote control through a special connector.
- Possibility of controlling steps.

Parts to be added to the single cooling system

- A Master control system.
- The Slave control system and the expansion valve are the same that are used for the single cooling system.

