3. COMPATIBILITY OF VRF SYSTEM

■ COMPATIBILITY OF OUTDOOR UNIT AND INDOOR UNIT

● OUTDOOR UNIT AND INDOOR UNIT

Compatibility of outdoor unit and indoor unit in refrigerant system as follows.

			Indoor unit	
			VR- II series	V- II series *1 J- II series *1
Outdoor unit	VR- II series	Heat Recovery	○ OK	× Prohibited
	V- II series	Heat Pump Cooling Only	○ OK	○ OK
	J- II series	Heat Pump Cooling Only	○ *2 OK	○ *2 OK

*1: V-II series and J-II series Indoor unit model name is
"A*****LA*H" or "A*****LB*H" (*: arbitrary character)

*2 : Following indoor units cannot be connected. (ARXC60 / 72 / 90)

● Example cases for compatibility

	Outdoor unit	Indoor unit	Judgement
Case 1	VR- II series	VR- II series	○ OK
Case 2		V- II series or J- II series	× Prohibited
Case 3	V- II series	VR- II series	○ OK
Case 4		V- II series or J- II series	○ OK
Case 5	J- II series	VR- II series	○ OK
Case 6		V- II series or J- II series	○ OK

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■ COMPATIBILITY OF CONTROLLER SYSTEM

				Model	VR- II series	V- II series J- II series
Controller	Central Controller	System Controller		UTY-APGX	○ *1 OK	○ *1 OK
		Touch Panel Controller		UTY-DTG∗	○ OK	○ OK
		Central Remote Controller		UTY-DCG∗	○ OK	○ OK
		Group Remote Controller		UTY-CGG∗	○ OK	○ OK
	Individual Controller	Wired Remote Controller (Touch panel)		UTY-RNR∗	○ OK	○ *2 OK
		Wired Remote Controller		UTY-RNK∗	○ OK	○ OK
		Simple Remote Controller (with master control)		UTY-RSK∗	○ OK	○ OK
		Simple Remote Controller (without master control)		UTY-RHK∗	○ OK	○ OK
		Wireless Remote Controller		UTY-LNH∗	○ OK	○ OK

*1: Different VRF series may be connected for each of the 4 VRF networks supported by the unit.

*2: It is not connectable with indoor unit ("A*****LA*H" or "A*****LB*H" (*: arbitrary character)) of the old type.

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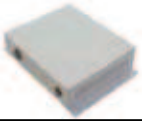
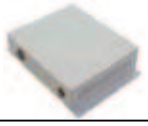
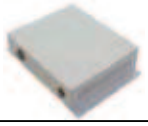
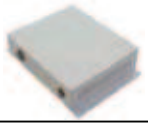
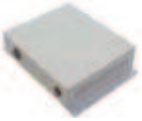
			Model	VR- II series	V- II series J- II series
Adaptor / Convertor	External Switch Controller		UTY-TEKX	○ OK	○ OK
	IR Receiver unit (for all Duct type)		UTB-∗WB UTB-∗WC	○ OK	○ OK
	IR Receiver unit (for Cassette type)		UTY-LRH∗B1	○ OK	○ OK
	Signal amplifier		UTY-VSGXZ1	○ OK	○ OK
	Signal amplifier		UTY-VSGX	○ *1 OK	○ *1 OK
	Network Convertor		UTY-VGGXZ1	○ OK	○ OK
	Network Convertor		UTY-VGGX	○ OK	○ OK
	Network Convertor for LonWorks®		UTY-VLGX	○ OK	○ OK
	BACnet® Gateway		UTY-ABGX	○ *2 *3 OK	○ *2 *3 OK
Service and Maintenance	Service Tool		UTY-ASGX	○ OK	○ OK
	Web Monitoring Tool		UTY-AMGX	○ *2 OK	○ *2 OK

*1: Since Signal filter mode is not contained, please use "UTY-VSGXZ1", when use Signal filter mode.

*2: Different VRF series may be connected for each of the 4 VRF networks supported by the unit, but different series may not coexist within the same network.

*3: There are differences in the interface specification between UTY-ABGX / UTR-YLBA.

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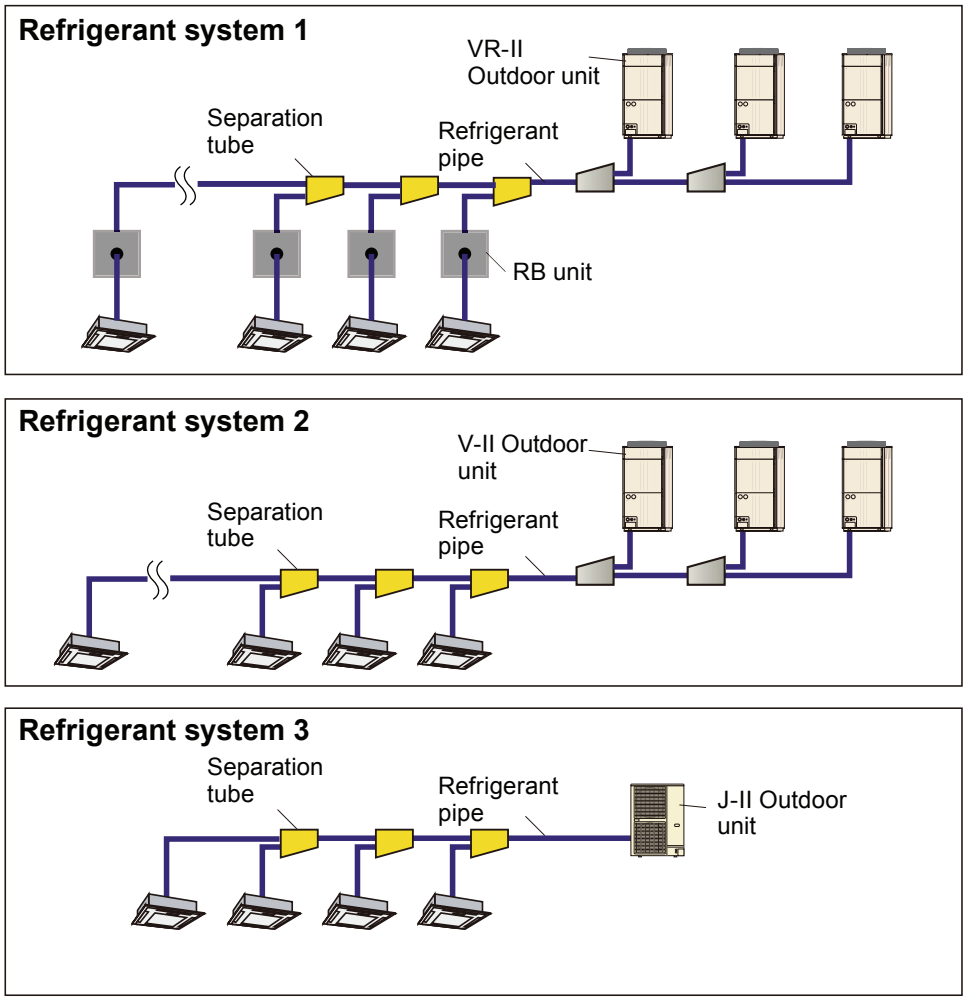
4. ABOUT CONNECTION WITH V-II, J-II SERIES

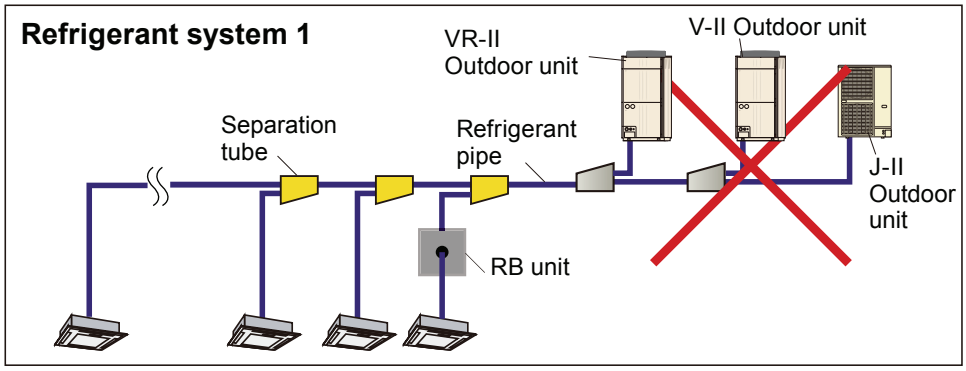
4-1. PIPING CONNECTION

Note: VR-II, V-II and J-II cannot be connected by the piping in the same refrigerant system

■ EXAMPLE1 (OK)



■ EXAMPLE2 (Prohibited)



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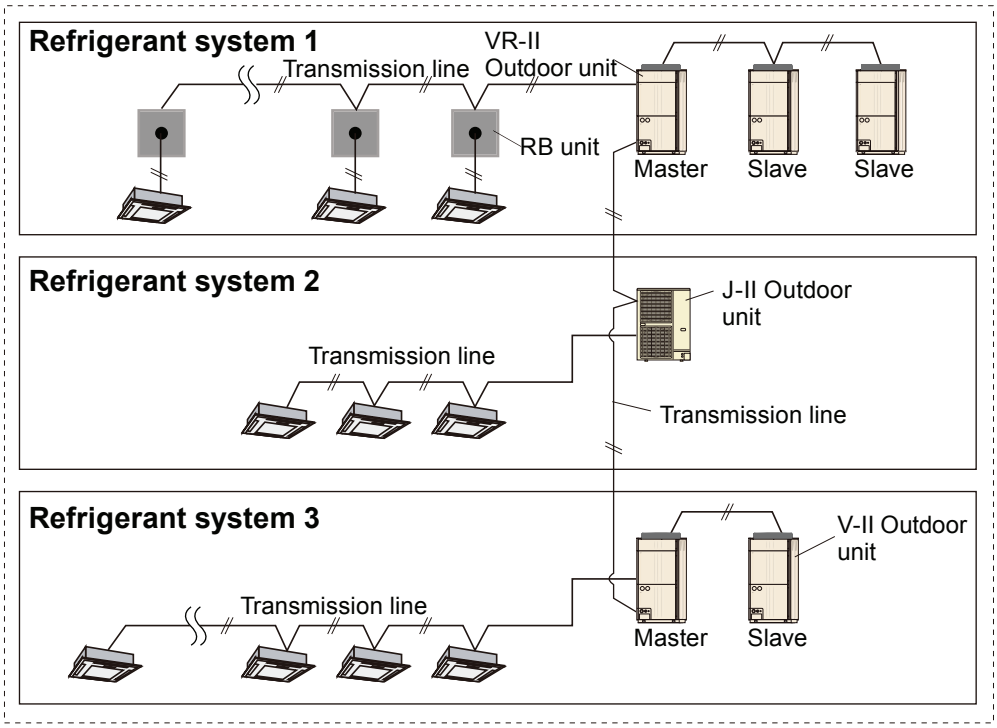
4-2. WIRING CONNECTION

Note: VR-II, V-II and J-II can be connected by the wiring in the same VRF network system

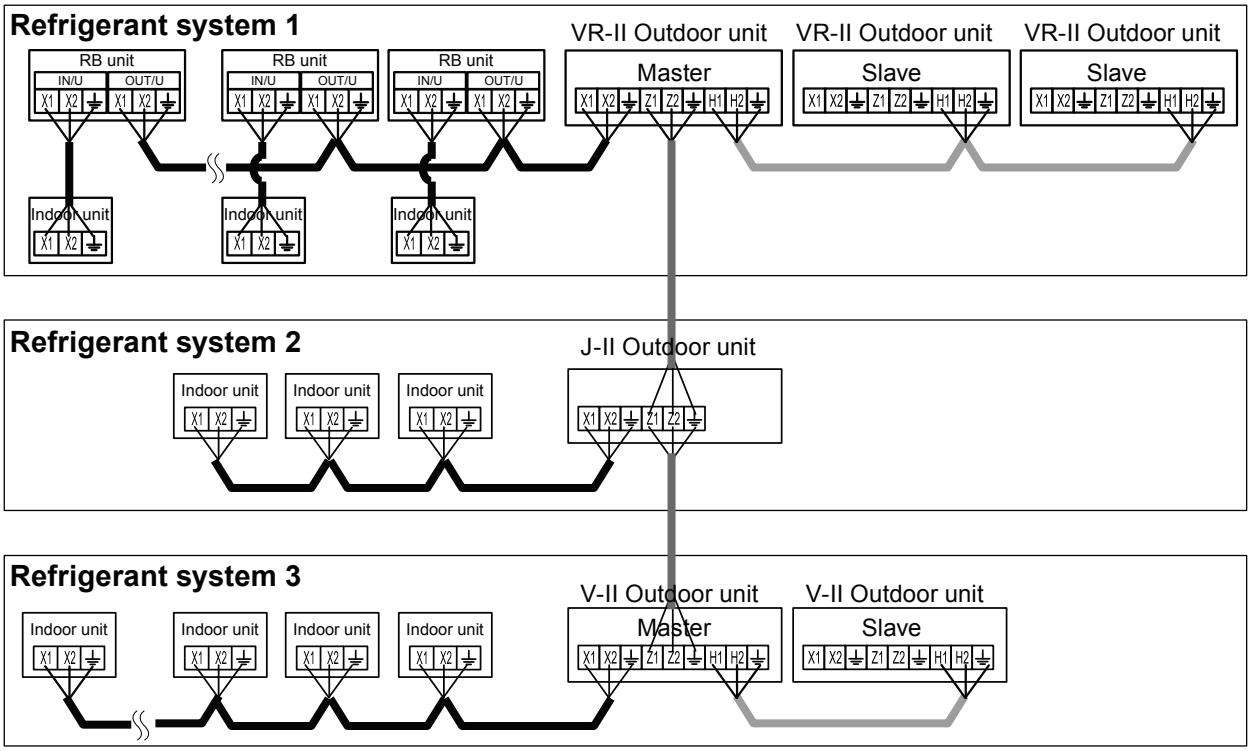
■ EXAMPLE1 (OK)

When wiring to each refrigerant system

VRF network system



● Connection method to terminal



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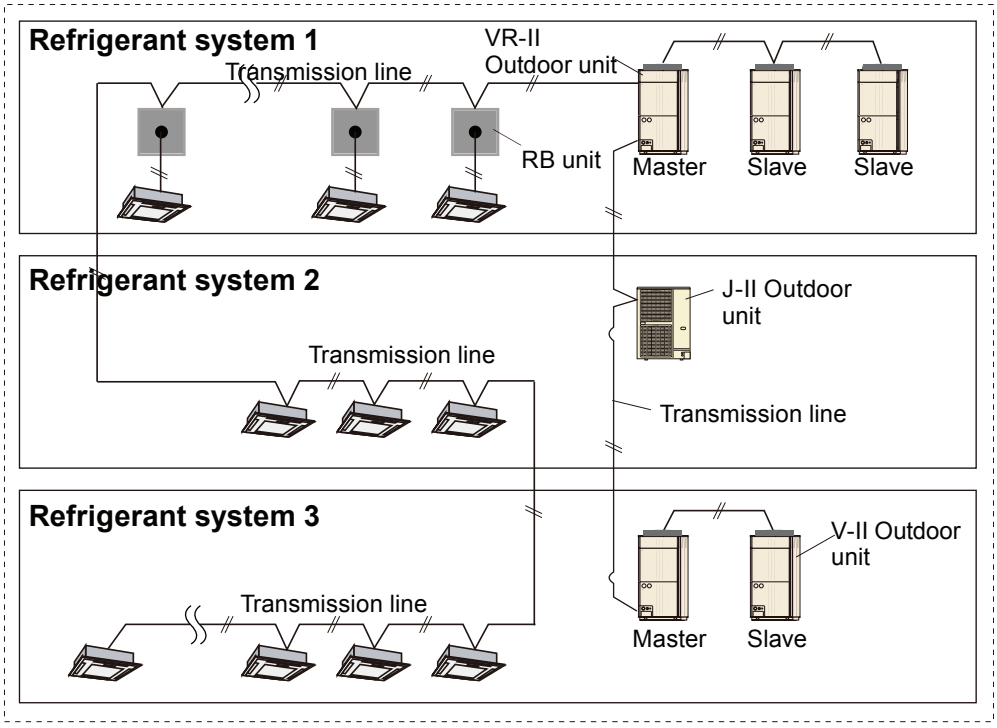
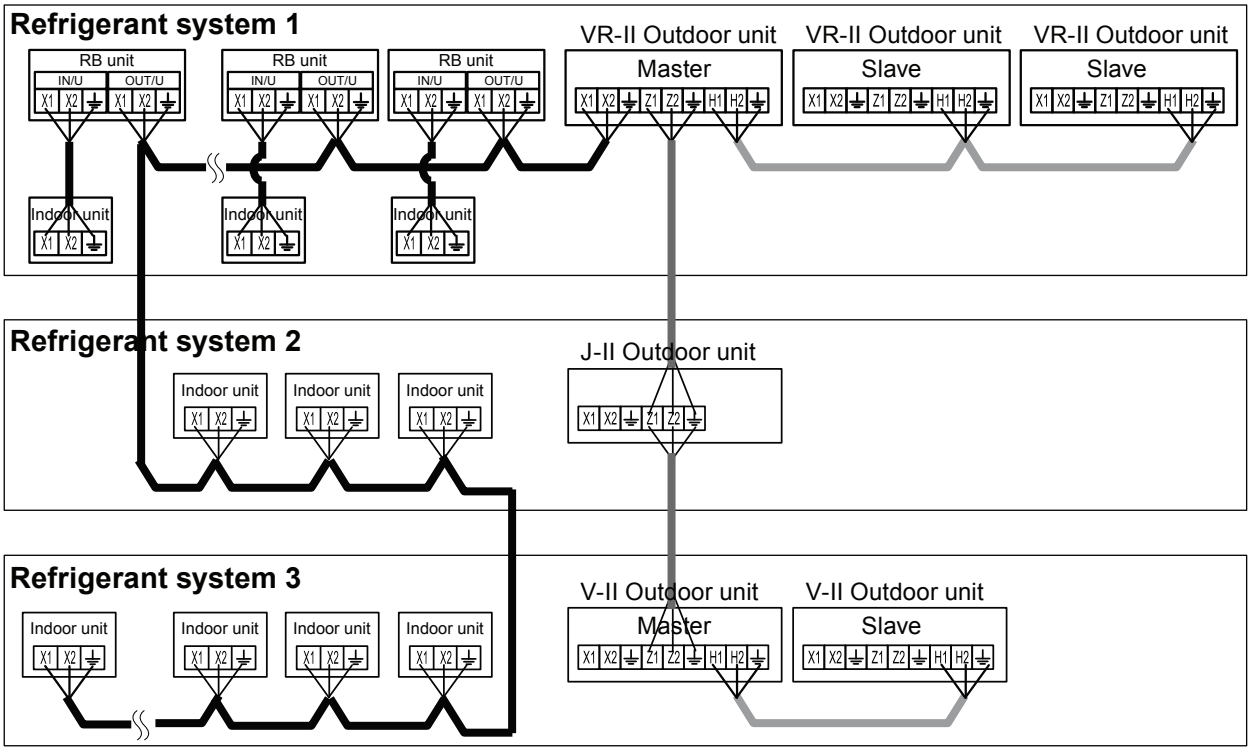
■ EXAMPLE2 (OK)

When stepping over, and wiring to the refrigerant system

VRF network system



● Connection method to terminal



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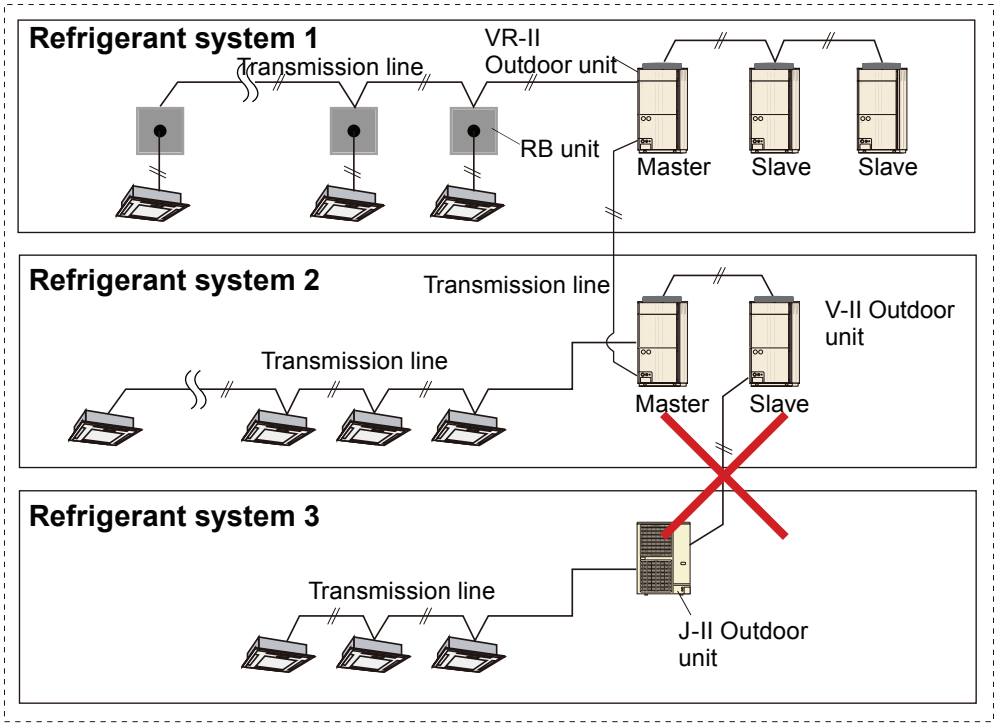
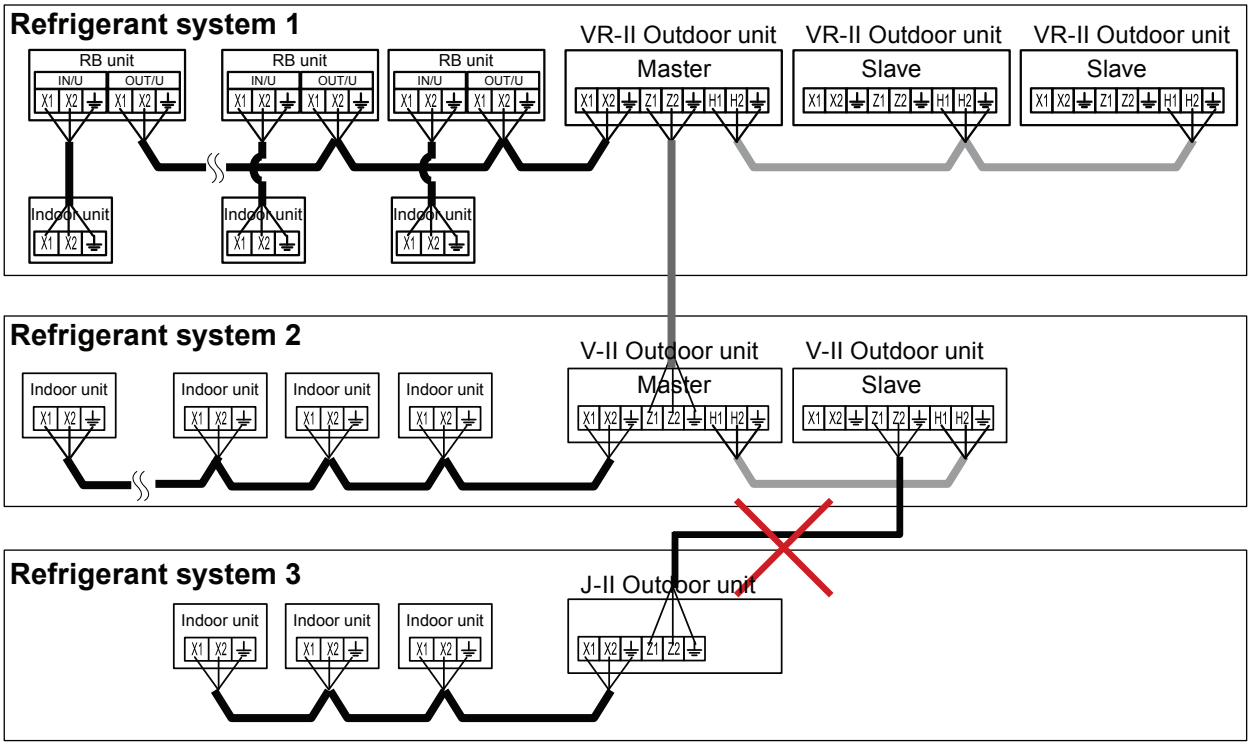
■ EXAMPLE3 (Prohibited)

Note: Slave unit of VR-II, V-II and J-II cannot be connected

VRF network system



● Connection method to terminal



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