

RXYSQ-TY1

RXYSQ-TY9

RXYSQ-TV9

RXYSQ-TV1

VRV4-S

Heat pump

Piping restrictions ·3/3·

System pattern Allowed connection ratio (CR) Other combinations are not allowed.	Total		Allowed capacity		
	Capacity	Maximum allowed amount of connectable indoor units (-VRV, RA, AHU-) Excluding -BP- units and including -EXV- kits.	VRV DX indoor unit	-RA DX- indoor unit	Air handling unit (AHU)
-VRV DX- indoor units only	50~130%	Maximum ·64·	50~130%	-	-
-RA DX- indoor units only	80~130%	Maximum ·32· ⁽¹⁾	-	80~130%	-
-VRV DX- indoor unit + -AHU- Mix	50~110% ⁽³⁾	Maximum ·64· ⁽²⁾	50~110%	-	0~110%
-AHU- only Pair + multi ⁽⁴⁾	90~110% ⁽³⁾	Maximum ·64· ⁽²⁾	-	-	90~110%

Notes

1. There is no restriction on the number of connectable -BP- boxes.
2. -EKEXV- kits are also considered indoor units.
3. Restrictions regarding the air handling unit capacity
4. Pair AHU = system with 1 air handling unit connected to one outdoor unit
Multi AHU = system with multiple air handling units connected to one outdoor unit

About ventilation applications

- I. -FXMQ_MF- units are considered air handling units, following air handling unit limitations.
 - Maximum connection ratio when combined with -VRV DX- indoor units: ·CR ≤ 30-%.
 - Maximum connection ratio when only air handling units are connected: ·CR ≤ 100-%.
 - Minimum connection ratio when only -FXMQ_MF- units are connected: ·CR ≥ 50-%

For information on the operation range, refer to the documentation of the -FXMQ_MF- unit.

- II. -Biddle- air curtains are considered air handling units, following air handling unit limitations:

For information on the operation range, refer to the documentation of the -Biddle- unit.

- III. -EKEXV + EKEQ- units combined with an air handling unit are considered air handling units, following air handling unit limitations.

For information on the operation range, refer to the documentation of the -EKEXV-EKEQ- unit.

- IV. -VKM- units are considered to be regular -VRV DX- indoor units.

For information on the operation range, refer to the documentation of the -VKM- unit.

- V. Because there is no refrigerant connection with the outdoor unit (only communication F1/F2), -VAM- units do not have connection limitations.

However, since there is communication via F1/F2, count them as regular indoor unit when calculating the maximum allowed number of connectable indoor units.

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