

RAYA-A REMA5A

VRV5
Heat recovery

Piping restrictions

	Total			Allowed capacity		
	Capacity	Maximum indoor unit quantity	Maximum total downstream capacity — flow through connection -BS- unit	Maximum downstream number of ports – flow through connection -BS- unit	VRV indoor unit	Air handling unit (AHU)
·VRV R32· indoor units only	50 ~ 130%	64	750	16	50 ~ 130%	-
AHU only (-EKEXVA + EKEACBVE-)	-	-	-	-	-	-
Pair (*5)						
AHU only (-EKEXVA + EKEACBVE-)						
Multi (*5)(*7)	65/75 ^(*3) ~ 110% ^(*4)	64 ^{(*6)(*8)}	750	16	-	65/75 ^(*3) ~ 110% ^(*4)
·VRV R32 DX· indoor unit + ·AHU(EKEXVA + EKEACBVE-)	50 ~ 110% ^(*4)	64 ^(*8)	750	16	50 ~ 110%	0 ~ 60% ^(*4)
Mix (*5)(*7)						

Notes

- Excluding -BS- units
- Other combinations than mentioned in this combination table are prohibited.
All units are to be connected to -BS- units
- 75% ~ 110%: default situation
-65% ~ 75%: Allowed if stricter AHU volume limitations are valid.
Refer to the databook of -EKEACBVE- for details.
- Restrictions regarding the air handling unit capacity
- Pair AHU = system with 1 air handling unit connected to one outdoor unit system
Multi AHU = system with multiple air handling units connected to one outdoor unit system
Mixed AHU = mix of AHU units and -VRV- indoor units connected to one outdoor system
- Z,Z'-control is possible (the allowed number of [-EKEXVA + EKEACBVE - boxes] is determined by the connection ratio and the capacity of the outdoor unit.
- Z,Z'-control is possible (-EKEACBVE- boxes are allowed).
- EKEXVA- kits are also considered indoor units.

Amount of units connectable to a -BS- unit

	BS4A (*9)	BS6A (*9)	BS8A (*9)	BS10A (*9)	BS12A (*9)	Multi -BS- per branch (*9)	Multi -BS- when 2 branches are combined (*9)
·VRV R32· indoor unit	Maximum -20- units	Maximum -30- units	Maximum -40- units	Maximum -50- units	Maximum -60- units	Maximum -5- units	Maximum -5- units
Air handling unit (AHU)	Maximum -400- class	Maximum -600- class	Maximum -750- class	Maximum -750- class	Maximum -750- class	Maximum -140- class	Maximum -250- class

Notes

- When combining -2- branches, the maximum piping length between the -BS- unit and the indoor unit is ≤ 20m. If the length of this piping is > 20m, increase the size of the liquid pipe.

VRV5

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Unit combination restrictions

Combination table	REYA5-28(*2)
·VRV R32 DX· indoor unit	O
·EKVDX- (Option of -VAM -J8-)	O
·Cooling only· indoor unit	X
Hydrobox unit	X
AHU only (Pair (-EKEXVA + EKEACBVE -))	X
AHU only (Multi (-EKEXVA + EKEACBVE -))	O
·VRV R32 DX· indoor unit + AHU mix (-EKEXVA + EKEACBVE -)	O

O: Allowed
X: Not allowed