

VRV5-S
Heat pump
Piping restrictions

Indoor connection		Maximum piping length			Maximum height difference			Total piping length
		Longest pipe from the outdoor unit to indoor unit	Longest pipe after first branch or -SV- unit	Allowed piping length -EKEXVA- to -AHU-	Indoor-to-outdoor Outdoor unit higher than indoor unit / Indoor unit higher than outdoor unit	Indoor-to-indoor	-EKEXVA- to -AHU-	Piping length
		Actual / Equivalent Maximum: -(A+B1+C1, A+B1+C2+C3, A+B1+D+C4, A+B3+C5, A+B2+C6)-	Actual Maximum: -(B1+C1,B1+C2+C3,B1+D+C4, B3+C5,B2+C6)-	Actual Maximum: -(C3)-	Maximum: -(H1, H2)-	Maximum: -(H3)-	Maximum: -(H4)-	
-VRV R32 DX- indoor units	8HP	100/130 m	40 m	-	50/40 m	15 m	-	300 m
	10-12HP	120/150 m	40 m	-	50/40 m	15 m	-	300 m
-AHU- connection	Pair	50/55 m (*1)	-	5m	40/40 m	-	5 m	150m(*4)
	Multi (*2)	50/55 m (*1)	40m	5m	40/40 m	15m	5 m	300m
	Mix (*3)	50/55 m (*1)	40m	5m	40/40 m	15m	5 m	300m

Notes

1. The allowable minimum length is -5- m.
2. Multiple air handing units (-AHU-) (-EKEXVA + EKEACBVE- kits).
3. Mix of air handing unnnits (-EKEXVA+EKEACBVE-) and -VRV R32 DX- indoor units.
4. Up to 3 piping branches are possible in case of an AHU with an interlaced heat exchanger.
5. Evaluation required if indoor unit can be direct connected (room volume in function of charge amount).

For more information, refer to safety system explanation.