

## VRV3 Installation Limits for automatic charging and leak detection

Indoor connection ratio	Installation		Automatic charging/leak detection (see note 3)
	Standard installation	Outdoor upper (height difference 50-90m) (see note 4) Outdoor lower (height difference 40-90m)	
<80%			X
			X
			X
>=80% (see note 1)	Standard installation		O
	Outdoor upper (height difference 50-90m) (see note 4)		O
	Outdoor lower (height difference 40-90m) (see note 2)		O

X: Not possible to use

O: Possible to use

### Note 1:

Maximum indoor connection ratio

- single outdoor unit: 200%

- double outdoor unit combination: 160%

- triple outdoor unit combination: 130%

\* When indoor models FXFQZ0M and FXFQZ5M are connected, the maximum connection ratio is 130% for all outdoor combinations.

\*\* When indoor models FXAQ-P/NA, FXDQ-M, FXSQ-M and FXAQ-MA are connected, connection ratio of 200% is possible for all outdoor combinations.

### Note 2:

Minimum indoor connection ratio changes if height difference is increased

- 60 m height difference: minimum connection ratio: 80%

- 65 m height difference: minimum connection ratio: 90%

- 80 m height difference: minimum connection ratio: 100%

- 90 m height difference: minimum connection ratio: 110%

### Note 3:

Recommendable temperatures conditions

Outdoor: 0-43°C

Indoor: 20-32°C

\* If these conditions are not reached, refer to installation manual and service manual for automatic charging and leak detection.

### Note 4:

Pressure adjustment kit for outdoor unit necessary. (Contact your Daikin dealer for more information)

Liquid pipe size need to increase (size up)

