

## VRV3 Installation Limits for automatic charging and leak detection

Indoor connection ratio	Installation	
	Automatic charging/leak detection (see note 3)	
<80%	Standard installation	X
	Outdoor upper (height difference 50-90m) (see note 4)	X
>=80% (see note 1)	Outdoor lower (height difference 40-90m)	X
	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-P1NA, FXDQ-M, FXSQ-M and FXAQ-M 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)

