

KNX Gateway for Daikin commercial air conditioning units SCN-ACG1DAI.01

This compatibility overview indicates which Daikin commercial indoor units can be used in combination with the MDT KNX gateway SCN-ACG1DAI.01. It serves as a guide when selecting a suitable air conditioning unit and helps to check, even before commissioning, whether the desired indoor unit is compatible with the KNX gateway.

The models listed are organised by geographical regions, as the available device names and versions may differ depending on the market. The information refers exclusively to the respective indoor units. Combinations of indoor and outdoor units are not evaluated in this overview.

If the model number of an indoor unit is not listed in the compatibility overview, it cannot be assumed that the unit can be used with the MDT KNX gateway. In this case, compatibility should be checked before installation or commissioning. The check is carried out by the supplier of the air conditioning unit.

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1. Compatible Daikin commercial indoor units for the European market

Series / type of indoor unit	Supported models	
	Sky - Air series Commercial systems	VRV series Large commercial systems
2-way cassette unit		FXCQ xx FXYC xx
4-way cassette unit	FFA xx FFQ xx FHC xx FHYC xx FHYCP xx	FXYF xx FXZQ xx
Roundflow cassette unit	FCAG xx A FCAHG xx G FCQ xx FCQG xx FCQGF xx FCQHG xx FCQN xx K	FXFQ xx
CMS Roundflow cassette unit	FMCQ xx FMDQ xx	
Corner cassette unit	FHK xx FHYK xx	FXKQ xx FXYK xx
Ceiling-suspended cassette	FUA xx A FUQ xx FUY xx	FXUQ xx
Ceiling unit	FH xx FHA xx FHQ xx FHQG xx FHY xx	FXHQ xx FXYH xx
Floor Console	FVQ xx	FXYL xx FXYLM xx
Ducted unit	ADEQ xx ADEQS xx FBA xx FBK xx FBQ xx FDBQ xx FDMQ xx FDMG xx FDMNQ xx FDYMP xx FDYQN xx FDXM xx FDXS xx F FHEB xx FHEYB xx FHYBP xx	FHEYB xx FXSQ xx FXYB xx FXYF xx FXYM xx FXYS xx FXYSP xx
CMS ducted unit	FMDQ xx	
Ducted unit with low profile	FDXM xx M	FXDQ xx

Series / type of indoor unit	Supported models	
	Sky - Air series Commercial systems	VRV series Large commercial systems
Ducted unit with low static pressure		FXDQ xx
Compact ducted unit		FXMQ xx
Ducted unit with high static pressure	FDA xx FDEQ xx FDQ xx	FXMQ xx
Ducted unit with low profile	BQ xx BQSG xx FDXS xx ^{*1}	
Floor-standing unit with casing	FVA xx A	FXLQ xx
Floor-standing unit without casing	FNA xx A FNQ xx FV xx FVQ xx FVY xx	FXNQ xx
Wall unit	FA xx FAA xx A FAQ xx FAY xx FCAHG xx A	FTX xx N FTXS xx K FTXS xx L FXAQ xx FXYA xx
Air curtain		CAS xx
VRV fan coil unit		FXTQ xx

^{*1}: The models FDXSxxC, FDXSxxE and FDXSxxL (the letter in the part number after the capacity is a "C", an "E" or an "L") are only compatible with MDT gateways for Daikin residential air conditioning units (SCN-ACG0DAI.01).

Notes:

- 'xx' means the capacity of the indoor unit. (20/25/35/40/50/63/71/80/100/125/140/200/250)
- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.
- Air conditioning units whose model number is not listed here may not be compatible with the gateway. Therefore, model compatibility must be checked before use. Please contact the supplier of the air conditioning unit for this purpose.
- Air handling units (AHUs), also known as heat recovery ventilation (HRV) systems, are not supported. This also applies if a corresponding remote control is listed in the compatibility list.

1.1 List of compatible Daikin remote controls for the Australian market

Type of remote control	Model
Wired remote control	BRC1A53 BRC1C5xx BRC1D5xx BRC1E51A BRC1E52A/B BRC1E53A BRC1E61 BRC1E62
Simplified wired remote control	BRC2C51
Simplified wired remote control for hotel applications	BRC3A61
Infrared remote control ^{*1}	BRC7C512 BRC7C513 BRC7C528 BRC7C529 BRC7C67 BRC7E530 BRC7E531 BRC7E618 BRC7E619 BRC7E63W BRC7E66
Infrared remote control including receiver	BRC4C61 BRC4C62 BRC4C63 BRC4C64 BRC4C65 BRC7C62

^{*1}: The listed model numbers refer exclusively to infrared remote controls without receivers. They are usually used with indoor units that already have an integrated infrared receiver.

Recommended connection methods:

- When using a wired remote control, the gateway is connected as a slave in parallel to the remote control. The wired remote control then takes on the function of the master.
- When using an infrared remote control, the gateway is connected as the master. The infrared receiver of the indoor unit then operates as the slave.
- If no Daikin remote control is available, the gateway is connected as the master directly to the P1/P2 bus of the indoor unit.

2. Compatible Daikin commercial indoor units for the North American market

Series / type of indoor unit	Supported models	
	Sky - Air series Commercial systems	VRV series Large commercial systems
2-way cassette unit		FXCQ xx
4-way cassette unit	FCQ xx	FXZQ xx
Roundflow cassette unit	FCQGF xx F	FXFQ xx
CMS Roundflow cassette unit		FXKQ xx
Corner cassette unit		FXUQ xx
Ceiling-suspended cassette	FHQ xx	FXHQ xx
Ceiling unit	FLXS xx	FXSQ xx
Floor Console		FXDQ xx
Ducted unit		FXDQ xx
CMS ducted unit		FXMQ xx
Ducted unit with low profile		FXMQ xx
Ducted unit with low static pressure		FXLQ xx
Compact ducted unit		FXNQ xx
Ducted unit with high static pressure	FAQ xx FBQ xx	FXAQ xx
Floor-standing unit with casing		CAS xx

Notes:

- 'xx' means the capacity of the indoor unit. (20/25/35/40/50/63/71/80/100/125/140/200/250)
- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.
- Air conditioning units whose model number is not listed here may not be compatible with the gateway. Therefore, model compatibility must be checked before use. Please contact the supplier of the air conditioning unit for this purpose.

2.1 List of compatible Daikin remote controls for the North American market

Type of remote control	Model
Wired remote control	BRC1D71 BRC2A71
Wired remote control with navigation function	BRC1E71 BRC1E72 BRC1E73
Simplified wired remote control	BRC2A71
Infrared remote control ^{*1}	BRC4C BRC7C BRC7E

^{*1}: The listed model numbers refer exclusively to infrared remote controls without receivers. They are usually used with indoor units that already have an integrated infrared receiver.

Recommended connection methods:

- When using a wired remote control, the gateway is connected as a slave in parallel to the remote control. The wired remote control then takes on the function of the master.
- When using an infrared remote control, the gateway is connected as the master. The infrared receiver of the indoor unit then operates as the slave.
- If no Daikin remote control is available, the gateway is connected as the master directly to the P1/P2 bus of the indoor unit.

3. Compatible Daikin commercial indoor units for the Asian market

Series / type of indoor unit	Supported models	
	Sky - Air series Commercial systems	VRV series Large commercial systems
2-way cassette unit		FXCP xx FXCQ xx
4-way cassette unit	FFA xx FFQ xx FH(Y)C xx	FXZQ xx FZFP xx
Roundflow cassette unit	FCQ xx	FJFP xx FXFP xx FXFQ xx FXFSP xx
Single flow cassette unit		FJEP xx FXEQ XX AV36
Corner cassette unit	FH(Y)K	FXCP xx FXKQ xx
Ceiling-suspended cassette	FUY xx	FXUQ xx
Ceiling unit	FH(Y) xx FHYP xx	FXYHP xx FXHQ xx
Ceiling-mounted unit	FH(Y)B xx	FJSP xx FXSP xx
Floor Console		FXNP xx
Ducted unit	FBQ xx FMA xx	FJDHP xx FXDAP xx FXDSP xx FXSQ xx FXYMP xx FXYSP xx
Ducted unit with low profile		FJDP xx FJSP xx FXDP xx FXDQ xx
Ducted unit with low static pressure	FDBNQ xx FDYB xx	FXDQ xx
Compact ducted unit		FXMP xx FXMQ xx
Ducted unit with medium static pressure	FDYM xx	
Ducted unit with high static pressure		FXMQ xx
Floor-standing unit with casing		FJNP xx FXLQ xx FXYLP xx FXYLMP xx
Floor-standing unit without casing		FJNP xx FXNQ xx

Series / type of indoor unit	Supported models	
	Sky - Air series Commercial systems	VRV series Large commercial systems
Wall unit	FAY xx	FJAP xx FXAP xx FXAQ xx FXYAP xx
Air curtain		CAS xx
Compact indoor unit	FVYCP xx MR	

Notes:

- 'xx' means the capacity of the indoor unit. (20/25/35/40/50/63/71/80/100/125/140/200/250)
- "Y" can be part of the model designation. If the letter is included, the indoor unit can be operated as a heat pump. If the "Y" is missing, the unit is designed exclusively for cooling operation.
- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.
- Air conditioning units whose model number is not listed here may not be compatible with the gateway. Therefore, model compatibility must be checked before use. Please contact the supplier of the air conditioning unit for this purpose.

3.1 List of compatible Daikin remote controls for the Asian market

Type of remote control	Model
Wired remote control	BRC1A62 BRC1C61 BRC1C62 BRC1C611 BRC1D61 BRC1E611 BRC1E631 BRC1F611 BRC2A51
Infrared remote control ^{*1}	BRC1E531W7 BRC7C612 BRC7C613 BRC7E63 BRC7EA66 BRC7C528 BRC7C529 BRC7CEA618 BRC7CE619 BRC7C610 BRC7C611
Infrared remote control including receiver	BRC4C62 BRC4C64 BRC4C651 BRC086A2R1 BRC086A2R2

^{*1}: The listed model numbers refer exclusively to infrared remote controls without receivers. They are usually used with indoor units that already have an integrated infrared receiver.

Recommended connection methods:

- When using a wired remote control, the gateway is connected as a slave in parallel to the remote control. The wired remote control then takes on the function of the master.
- When using an infrared remote control, the gateway is connected as the master. The infrared receiver of the indoor unit then operates as the slave.
- If no Daikin remote control is available, the gateway is connected as the master directly to the P1/P2 bus of the indoor unit.

4. Compatible Daikin commercial indoor units for the Australian market

Series / type of indoor unit	Supported models	
	Sky - Air series Commercial systems	VRV series Large commercial systems
Compact cassette unit		FFB xx
Ducted unit with low profile	FDYQ xx FDYQN xx FDYQT xx FYDYQ xx	
Ducted unit	FBQ xx FDXS xx	FXDYQ xx FQM Q xx FXSQ xx

Notes:

- 'xx' means the capacity of the indoor unit. (20/25/35/40/50/63/71/80/100/125/140/200/250)
- "Y" can be part of the model designation. If the letter is included, the indoor unit can be operated as a heat pump. If the "Y" is missing, the unit is designed exclusively for cooling operation.
- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.
- Air conditioning units whose model number is not listed here may not be compatible with the gateway. Therefore, model compatibility must be checked before use. Please contact the supplier of the air conditioning unit for this purpose.

Note: The Daikin Multi Zone controllers BRC230Z4, BRC230Z8, BRC24Z4, BRC24Z8, BRCSZC are **not** compatible with the gateway.

4.1 List of compatible Daikin remote controls for the Australian market

Type of remote control	Model
Wired remote control	BRC1E61 BRC1E62 BRC2A51
Infrared remote control including receiver	BRC4C62 BRC4C64

Recommended connection methods:

- When using a wired remote control, the gateway is connected as a slave in parallel to the remote control. The wired remote control then takes on the function of the master.
- When using an infrared remote control, the gateway is connected as the master. The infrared receiver of the indoor unit then operates as the slave.
- If no Daikin remote control is available, the gateway is connected as the master directly to the P1/P2 bus of the indoor unit.