

## KNX Gateway for Daikin residential air conditioning units SCN-ACG0DAI.01

This compatibility overview indicates which Daikin residential indoor units can be used in combination with the MDT KNX Gateway SCN-ACG0DAI.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.

This document has been prepared with great care by MDT technologies GmbH. However, it cannot be entirely ruled out that it may contain misprints, typographical errors or other inaccuracies. MDT technologies GmbH accepts no liability for any consequences arising therefrom.

The information contained in this document may be changed at any time and without prior notice.

No part of this publication may be reproduced, stored in an information or retrieval system, or transmitted in any form without the prior written permission of MDT technologies GmbH. This applies in particular to electronic and mechanical processes as well as to photocopies and recordings. This does not apply to use for the customer's personal purposes.

## 1. Compatible Daikin residential indoor units for the European market

| Series / type of indoor unit | Optional accessories | Supported models              | Type <sup>*1</sup> |
|------------------------------|----------------------|-------------------------------|--------------------|
| Ururu Sarara                 |                      | FTXR 28/42/50 E yyy           | 2                  |
|                              |                      | FTXZ 25/35/50 N yyy           | 2                  |
| Ururu Sarara Multi           |                      | CTXU 25/35/42/50 G yyy        | 2                  |
| Wall unit UX1 / Emura        |                      | FTXG xx C, E, J, L yyy        | 3                  |
|                              |                      | FTXJ xx L, M, MS, MW yyy      | 3                  |
|                              |                      | CTXG 50 E, J yyy              | 3                  |
|                              |                      | ATX 50 E yyy                  | 1                  |
|                              | KRP980B1             | ATX 20/25/35 JV yyy           | 1                  |
|                              |                      | ATX 20/25/35 KV yyy           | 1                  |
|                              | KRP980B1             | ATX 20/25/35 J, J2, J3, K yyy | 1                  |
|                              | KRP980B1             | ATXL 25/35 JV, J2V yyy        | 1                  |
|                              |                      | ATXM 20/25/35/50 M yyy        | 1                  |
|                              |                      | ATXP 20/25/35 KV yyy          | 1                  |
|                              |                      | ATXS xx C, D, E, G yyy        | 1                  |
|                              | KRP980B1             | ATXS 20/25 K yyy              | 1                  |
|                              |                      | ATXS 35/50 K yyy              | 1                  |
|                              | KRP067A41            | ATXS 20/25/35 KV yyy          | 1                  |
|                              |                      | ATKS 20/25/35 C, D, E yyy     | 1                  |
| Wall unit Siesta             |                      | ATX 50 E yyy                  | 1                  |
|                              | KRP980B1             | ATX 20/25/35 JV yyy           | 1                  |
|                              |                      | ATX 20/25/35 KV yyy           | 1                  |
|                              | KRP980B1             | ATX 20/25/35 J, J2, J3, K yyy | 1                  |
|                              | KRP980B1             | ATXL 25/35 JV, J2V yyy        | 1                  |
|                              |                      | ATXM 20/25/35/50 M yyy        | 1                  |
|                              |                      | ATXP 20/25/35 KV yyy          | 1                  |
|                              |                      | ATXS xx C, D, E, G yyy        | 1                  |
|                              | KRP980B1             | ATXS 20/25 K yyy              | 1                  |
|                              |                      | ATXS 35/50 K yyy              | 1                  |
|                              | KRP067A41            | ATXS 20/25/35 KV yyy          | 1                  |
| Wall unit general            |                      | ATKS 20/25/35 C, D, E yyy     | 1                  |
|                              |                      | ATXG 25/35/50 C, E yyy        | 1                  |
|                              |                      | CTXA 15 A yyy                 | 1                  |
|                              | EKRS21               | CTXA xx AW/AS/AT              | 1                  |
|                              |                      | CTXM 15 M yyy                 | 1                  |
|                              | KRP980B1             | CTXS 15/35 K yyy              | 1                  |
|                              |                      | CTXS 07/09/12 LVJU            | 1                  |
|                              |                      | CTXS xx L yyy                 | 1                  |

| Series / type of indoor unit | Optional accessories | Supported models                            | Type *1 |
|------------------------------|----------------------|---------------------------------------------|---------|
| Wall unit general            |                      | FT 50/60 FVM                                | 1       |
|                              |                      | FTDK 50/60/71 FV, GV yyy                    | 1       |
|                              | KRP980B1             | FTK 20/25/35 GV, JV yyy                     | 1       |
|                              |                      | FTK 50/60/71 GV yyy                         | 1       |
|                              | KRP067A41            | FTK xx NMVJU                                | 1       |
|                              | KRP067A41            | FTK xx N yyy                                | 1       |
|                              |                      | FTKD 50/60/71 B yyy                         | 1       |
|                              |                      | FTKD 50/60/71 BVMA                          | 1       |
|                              |                      | FTKD 50/60/71 BVMS                          | 1       |
|                              |                      | FTKD 50/60/71 BVMT                          | 1       |
|                              |                      | FTKD 25/35 D yyy                            | 1       |
|                              |                      | FTKD 15/18/24/28 GV yyy                     | 1       |
|                              |                      | FTKE 25/35 BVM                              | 1       |
|                              |                      | FTKE 25/35 BVMA                             | 1       |
|                              | KRP067A41            | FTKN 09/12 NMVJU                            | 1       |
|                              | KRP067A41            | FTKN xx N yyy                               | 1       |
|                              |                      | FTKS xx<br>B, C, D, E, F, G, H, J, K, L yyy | 1       |
|                              |                      | FTN 50/60 E, F yyy                          | 1       |
|                              |                      | FTS 50/60 B yyy                             | 1       |
|                              |                      | FTYS 50/60 BVMS                             | 1       |
|                              | KRP980B1             | FTX 20/25/35 GV, JV, J2, J3, K yyy          | 1       |
|                              |                      | FTX 50/60/71 GV yyy                         | 1       |
|                              | KRP980B1             | FTX 50/60/71 K yyy                          | 1       |
|                              |                      | FTX 20/25/35/50/60/71 KV yyy                | 1       |
|                              |                      | FTX xx LVMA                                 | 1       |
|                              | KRP067A41            | FTX xx NMVJU                                | 1       |
|                              | KRP067A41            | FTX xx N yyy                                | 1       |
|                              |                      | FTXA 20/25/35/42/50 A yyy                   | 1       |
|                              |                      | FTXA xx AW/AS/AT                            | 1       |
|                              |                      | EKRS21                                      | 1       |
|                              | KRP980B1             | FTXB 20/25/35/50/60 C yyy                   | 1       |
|                              |                      | FTXC 25/35/50/60 B                          | 1       |
|                              |                      | FTXD 18/24/28 B yyy                         | 1       |
|                              |                      | FTXD 50/60/71 B yyy                         | 1       |
|                              |                      | FTXD 25/35 D yyy                            | 1       |
|                              |                      | FTXD 50/71 JV yyy                           | 1       |
|                              |                      | FTXG 20/25/35/50 L yyy                      | 1       |
|                              |                      | FTXJ 25/35/50 PVMA yyy                      | 1       |

| Series / type of indoor unit    | Optional accessories | Supported models                   | Type *1 |
|---------------------------------|----------------------|------------------------------------|---------|
| Wall unit general               |                      | FTXL 20/25/35 G yyy                | 1       |
|                                 | KRP980B1             | FTXL 20/25/35 JV, J2V yyy          | 1       |
|                                 |                      | FTXLS 25/35 K, K3 yyy              | 1       |
|                                 | KRP980B1             | FTXM 20/25 K yyy                   | 1       |
|                                 |                      | FTXM 35/42/50 K yyy                | 1       |
|                                 |                      | FTXM xx M yyy                      | 1       |
|                                 | KRP067A41            | FTXM xx RVMZ                       | 1       |
|                                 | KRP067A41            | FTXN 09/12 NMVJU                   | 1       |
|                                 |                      | FTXP 20/25/35 KV yyy               | 1       |
|                                 |                      | FTXS xx<br>B, C, D, E, F, H, J yyy | 1       |
|                                 |                      | FTXS 60/71 G yyy                   | 1       |
|                                 | KRP980B1             | FTXS 20/25 K yyy                   | 1       |
|                                 |                      | FTXS 35/42/50 K yyy                | 1       |
|                                 |                      | FTXS xx LVJU                       | 1       |
|                                 |                      | FTXS xx L yyy                      | 1       |
|                                 |                      | FTYN 50/60 E, F yyy                | 1       |
| Floor unit                      |                      | FVKS 25/35/50 B yyy                | 1       |
|                                 |                      | FVXG 25/35/50 K yyy                | 1       |
|                                 |                      | FVXM 25/35/50 F yyy                | 1       |
|                                 |                      | FVXS 25/35/50 B, F yyy             | 1       |
|                                 |                      | FVXS xx NVJU                       | 1       |
|                                 |                      | FVXS xx N yyy                      | 1       |
| Flexible unit (floor / ceiling) |                      | FLX 50/60 A yyy                    | 1       |
|                                 |                      | FLXS 25/35/50/60 B, GV yyy         | 1       |
|                                 |                      | FLK 25/35/50/60 A yyy              | 1       |
|                                 |                      | FLKS 25/35/50/60 B yyy             | 1       |
|                                 |                      | FVXS 25/35/50 B yyy                | 1       |
| Duct unit with low profile      |                      | CDKD 25/35/50/60 C yyy             | 4       |
|                                 |                      | CDXS 25/35/50/60 C yyy             | 4       |
|                                 |                      | CDXS xx EAVMA                      | 4       |
|                                 |                      | CDXS xx E yyy                      | 4       |
|                                 |                      | FDKS xx CVMA                       | 4       |
|                                 |                      | FDKS xx C, E yyy                   | 4       |
|                                 |                      | FDXS xx C, E, F*2 yyy              | 4       |
|                                 |                      | FDXS 09/12 L yyy                   | 4       |

\*1: The breakdown of the information of the numbers in the "Type" column can be found in Chapter 6.

\*2: The models FDXSxxF (the letter after the capacity is an "F") are only compatible with the gateway for Daikin commercial air conditioning units (SCN-ACG1DAI.01).

**Notes:**

- The letter "X" in a model designation indicates a heat pump unit. It may be replaced by the letter "K"; in this case, it is a unit exclusively for cooling operation.
- "xx" stands for the capacity of the indoor unit.
- "yyy" refers to any additional characters in the model designation.
- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.
- The models FDXSxxF are only compatible with the MDT KNX gateway for Daikin commercial air conditioning units SCN-ACG1DAI.01.

## 2. Compatible Daikin residential indoor units for the North American market

| Series / type of indoor unit | Optional accessories | Supported models         | Type <sup>*1</sup> |
|------------------------------|----------------------|--------------------------|--------------------|
| Wall unit general            |                      | CTXG xx QVJIJW           | 1                  |
|                              |                      | CTXG 09/12/18 QVJU(W/S)  | 1                  |
|                              |                      | CTXS 07/09/12 JVJU       | 1                  |
|                              |                      | CTXS 09/12 GVJU          | 1                  |
|                              |                      | CTXS 09/12 HVJU          | 1                  |
|                              |                      | CTXS 09/12 LVJU          | 1                  |
|                              |                      | CTXS 15/35 K             | 1                  |
|                              | KRP980B1             | FTKN 09/12 JEVJU         | 1                  |
|                              | KRP980B1             | FTXN 09/12 JEVJU         | 1                  |
|                              | KRP980               | FTXN 09/12 KEVJU         | 1                  |
|                              |                      | FTXN 15/18/24 KVJU       | 1                  |
|                              |                      | FTXS 09/12/15/18/24 DVJU | 1                  |
|                              |                      | FTXS 09/12/15/18 HVJU    | 1                  |
|                              |                      | FTXS 24/30/36 HVJU       | 1                  |
|                              |                      | FTXS 09/12/15/18 LVJU    | 1                  |
|                              |                      | FTXS 24/30/36 LVJU       | 1                  |
| Floor unit                   |                      | FVXS 09/12/15/18 NVJU    | 1                  |
| Duct unit with low profile   |                      | CDXS 25/18/24 LVJU       | 4                  |
|                              |                      | FDXS 09/12 DVJU          | 4                  |
|                              |                      | FDXS 09/12 LVJU          | 4                  |

<sup>\*1</sup>: The breakdown of the information of the numbers in the "Type" column can be found in Chapter 6.

### Note:

- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.

### 3. Compatible Daikin residential indoor units for the Argentine market

| Series / type of indoor unit | Optional accessories | Supported models         | Type <sup>*1</sup> |
|------------------------------|----------------------|--------------------------|--------------------|
| Wall unit general            |                      | CDXS 50/60 BVM           | 1                  |
|                              |                      | FT 25/35 JV1A            | 1                  |
|                              |                      | FT 50/60 GAVEA           | 1                  |
|                              |                      | FTKE 25/35 BVM           | 1                  |
|                              |                      | FTKD 50/60 BVM           | 1                  |
|                              |                      | FTY 50/60 GAV1A          | 1                  |
|                              |                      | FTXE 25/35/50/60/71 BVMA | 1                  |
|                              |                      | FTXE 25/35 BVM           | 1                  |
| Duct unit with low profile   |                      | FLX 50 AVMA              | 4                  |
|                              |                      | FLX 60 AVMA              | 4                  |

<sup>\*1</sup>: The breakdown of the information of the numbers in the "Type" column can be found in Chapter 6.

**Note:**

- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.

#### 4. Compatible Daikin residential indoor units for the Southeast and Central Asian market

| Series / type of indoor unit | Optional accessories | Supported models       | Type <sup>*1</sup> |
|------------------------------|----------------------|------------------------|--------------------|
| Wall unit general            |                      | FTKD 25/35 D yyy       | 1                  |
|                              |                      | FTKD 50/60/71 F yyy    | 1                  |
|                              |                      | FTKE 25/35 G yyy       | 1                  |
|                              |                      | FTKS 25/35 D yyy       | 1                  |
|                              |                      | FTKS 25/35 E yyy       | 1                  |
|                              |                      | FTKS 50 B yyy          | 1                  |
|                              |                      | FTKS 50/60 G yyy       | 1                  |
|                              |                      | FTKS 50/60/71 F yyy    | 1                  |
|                              |                      | FTKS 71 H yyy          | 1                  |
|                              |                      | FTN 50/60 J yyy        | 1                  |
|                              |                      | FTXS 25/35 E yyy       | 1                  |
|                              |                      | FTXS 50/60/71 F yyy    | 1                  |
|                              |                      |                        |                    |
| Ducted unit                  |                      | CDKD 25/35 EAVM        | 4                  |
|                              |                      | CDKD 25/35/50/60 CVM   | 4                  |
|                              |                      | FDKS 25/35 EAVMB       | 4                  |
|                              |                      | FDKS 25/35/50/60 CAVMB | 4                  |

<sup>\*1</sup>: The breakdown of the information of the numbers in the "Type" column can be found in Chapter 6.

**Note:**

- The letter "X" in a model designation indicates a heat pump unit. It may be replaced by the letter "K"; in this case, it is a unit exclusively for cooling operation.
- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.

## 5. Compatible Daikin residential indoor units for the Australian market

| Series / type of indoor unit | Optional accessories | Supported models      | Type <sup>*1</sup> |
|------------------------------|----------------------|-----------------------|--------------------|
| CORA wall unit               | KRP067A41            | FTXM 20/25/35/46 QVMA | 1                  |
|                              | KRP980B2             | FTXM 50/60/71 QVMA    | 1                  |
|                              | KRP067A41            | FTKM 20/25/35/46 QVMA | 1                  |
|                              | KRP980B2             | FTKM 50/60/71 QVMA    | 1                  |
|                              |                      | FTKM 33 NV2S          | 1                  |
|                              | KRP067A41            | FTKM 09/12 SV2S       | 1                  |
|                              | KRP980B2             | FTKM 18 SV2S          | 1                  |
|                              |                      | FTXM 85/95 PVMA       | 1                  |
|                              |                      | FTKM 18/24/28 PVMK    | 1                  |
|                              |                      | FTKXM 18/24/28 PVMK   | 1                  |
| US7 wall unit                |                      | FTXZ 25/35/50 NV1B    | 1                  |
| ZENA wall unit               |                      | FTXJ 25/35/50 PVMAW   | 1                  |
|                              |                      | FTXJ 25/35/50 PVMAS   | 1                  |

<sup>\*1</sup>: The breakdown of the information of the numbers in the "Type" column can be found in Chapter 6.

### Note:

- The letter "X" in a model designation indicates a heat pump unit. It may be replaced by the letter "K"; in this case, it is a unit exclusively for cooling operation.
- The model designations listed refer exclusively to indoor units, not to combinations of indoor and outdoor units.

## 6. Available functions of the supported Daikin indoor units

The supported Daikin indoor units differ in terms of the available functions. The following overview shows which functions are generally available for the device types used in the compatibility tables

| Type 1                                             |                                                                                             |                |              |              |            |              |             |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|--------------|--------------|------------|--------------|-------------|
| Group                                              | Vanes adjustment                                                                            | Humidification | Heating      | Cooling      | Dehumidify | Automatic    | Ventilation |
| <b>Conventional</b><br>Wall / Console<br>Flex unit | <ul style="list-style-type: none"> <li>vertical</li> <li>Horizontal <sup>1</sup></li> </ul> | -/-            | 10 ... 30 °C | 18 ... 32 °C | -/-        | 18 ... 30 °C | -/-         |

| Type 2                         |                                                                                             |                                                                                                                     |              |              |            |              |             |
|--------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|--------------|------------|--------------|-------------|
| Group                          | Vanes adjustment                                                                            | Humidification                                                                                                      | Heating      | Cooling      | Dehumidify | Automatic    | Ventilation |
| <b>Ururu</b><br>Sarara / Multi | <ul style="list-style-type: none"> <li>vertical</li> <li>Horizontal <sup>1</sup></li> </ul> | <ul style="list-style-type: none"> <li>Low</li> <li>standard</li> <li>High</li> <li>Continuous operation</li> </ul> | 10 ... 30 °C | 18 ... 32 °C | -/-        | 18 ... 30 °C | -/-         |

| Type 3                                  |                                                                                             |                |              |              |            |              |             |
|-----------------------------------------|---------------------------------------------------------------------------------------------|----------------|--------------|--------------|------------|--------------|-------------|
| Group                                   | Vanes adjustment                                                                            | Humidification | Heating      | Cooling      | Dehumidify | Automatic    | Ventilation |
| <b>UX1 Series</b><br>Wall unit<br>Emura | <ul style="list-style-type: none"> <li>vertical</li> <li>Horizontal <sup>1</sup></li> </ul> | -/-            | 10 ... 30 °C | 18 ... 32 °C | -/-        | 18 ... 30 °C | -/-         |

| Type 4                                 |                                                                                             |                |              |              |            |              |             |
|----------------------------------------|---------------------------------------------------------------------------------------------|----------------|--------------|--------------|------------|--------------|-------------|
| Group                                  | Vanes adjustment                                                                            | Humidification | Heating      | Cooling      | Dehumidify | Automatic    | Ventilation |
| <b>Ducted unit</b><br>with low profile | <ul style="list-style-type: none"> <li>vertical</li> <li>Horizontal <sup>1</sup></li> </ul> | -/-            | 10 ... 30 °C | 18 ... 32 °C | -/-        | 18 ... 30 °C | -/-         |

<sup>\*1</sup> The horizontal vanes adjustment is not available for all models.