1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.

2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.

2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.
Lineup of DC Inverter Air Conditioners with R-32 Refrigerant

Daikin is the sole manufacturer to produce both air conditioning equipment and refrigerants worldwide. Our cutting-edge technologies and use of advanced R-32 refrigerant provide enhanced comfort while reducing the impact on climate change.

<table>
<thead>
<tr>
<th>1.5 kW Class</th>
<th>2.0 kW Class</th>
<th>2.5 kW Class</th>
<th>3.5 kW Class</th>
<th>5.0 kW Class</th>
<th>6.0 kW Class</th>
<th>7.1 kW Class</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Urusara 7</strong></td>
<td>FTXZ25NVM</td>
<td>FTXZ35NVM</td>
<td>FTXZ50NVM</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FTKJ Series**

<table>
<thead>
<tr>
<th>FTKJ Series</th>
<th>FTKJ25NVM (white)</th>
<th>FTKJ35NVM (white)</th>
<th>FTKJ50NVM (white)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>FTKJ Series</th>
<th>FTKJ25NVM (silver)</th>
<th>FTKJ35NVM (silver)</th>
<th>FTKJ50NVM (silver)</th>
</tr>
</thead>
</table>

**FTKV Series**

<table>
<thead>
<tr>
<th>FTKV Series</th>
<th>FTKV25NVM</th>
<th>FTKV35NVM</th>
<th>FTKV50NVM</th>
<th>FTKV60NVM</th>
<th>FTKV71NVM</th>
</tr>
</thead>
</table>

**FTKC Series**

<table>
<thead>
<tr>
<th>FTKC Series</th>
<th>FTKC15PVM</th>
<th>FTKC20PVM</th>
<th>FTKC25QVM</th>
<th>FTKC35QVM</th>
<th>FTKC50QVM</th>
<th>FTKC60QVM</th>
<th>FTKC71QVM</th>
</tr>
</thead>
</table>

*NEW* indicates a model with a new design. *NEW* indicates a model with a new capacity class.
A New Kind of Cool

Urusara 7 puts the latest Japanese air conditioning technology at your fingertips, offering a unique, total comfort experience for any lifestyle. Powerful year-round cooling and dehumidifying are just the beginning.

Urusara 7 is also the world’s first air conditioner to use next-generation R-32 refrigerant. Along with its many energy-saving features, this higher performance refrigerant gives Urusara 7 unrivalled energy efficiency.

Features

- Redesigned air intake and heat exchanger
- World-first humidity control technology
- Precision circulation airflow
- Reliable streamer discharge air purification
- Convenient automatic filter cleaning system
- Innovative design with Japanese aesthetic
- Remote control via smartphone (optional adaptor)

Notes: 1. This is for residential-use wall-mounted type air conditioners as of November 2012 when Daikin launched Urusara 7 in the Japanese market.
2. In January 2013, the 4.0 to 7.1 kW class models for the Japanese market received the Minister’s Prize from Japan’s Ministry of Economy, Trade and Industry in the Fiscal 2012 Grand Prize for Excellence in Energy Efficiency and Conservation.
3. As of 1999, when Daikin launched Ururu Sarara in the residential-use air conditioner market.
Sleek European style of FTKJ series proves once again that design is everything. Yet this elegant body also houses cutting-edge smart technology which provides outstanding comfort and performance in any situation.

The series also delivers Daikin’s well-known energy efficiency, thanks to features such as its redesigned swing compressors. This versatile system truly is a total solution for designers, architects and home-owners alike.

Features

- Energy-saving COP of 3.59 to 4.81
- Stylish finish in eye-pleasing colours
- Wide selection of comfort technologies
- Whisper quiet sound level
- Remote control via smartphone (optional adaptor)
### Urusara 7

**Capacity**

<table>
<thead>
<tr>
<th>Outdoor unit</th>
<th>kW</th>
<th>Btu/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTXZ25/35/50</td>
<td>2.45 (0.6-3.9)</td>
<td>8,400 (2,000-13,300)</td>
</tr>
<tr>
<td>FTXZ25/35/50</td>
<td>3.45 (0.6-5.3)</td>
<td>11,800 (2,000-18,100)</td>
</tr>
<tr>
<td>FTXZ25/35/50</td>
<td>4.95 (0.6-5.8)</td>
<td>16,900 (2,000-19,800)</td>
</tr>
</tbody>
</table>

**Cooling Only**

<table>
<thead>
<tr>
<th>Outdoor unit</th>
<th>kW</th>
<th>Btu/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTXZ25/35/50</td>
<td>3.6 (0.6-7.1)</td>
<td>12,300 (2,000-25,600)</td>
</tr>
<tr>
<td>FTXZ25/35/50</td>
<td>5.0 (0.6-9.0)</td>
<td>17,100 (2,000-30,700)</td>
</tr>
<tr>
<td>FTXZ25/35/50</td>
<td>6.3 (0.6-9.4)</td>
<td>21,500 (2,000-32,100)</td>
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</tbody>
</table>

**Power consumption**

<table>
<thead>
<tr>
<th>Outdoor unit</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTXZ25/35/50</td>
<td>430 (110-480)</td>
</tr>
<tr>
<td>FTXZ25/35/50</td>
<td>680 (110-1,300)</td>
</tr>
<tr>
<td>FTXZ25/35/50</td>
<td>850 (110-2,010)</td>
</tr>
</tbody>
</table>

### FTKJ Series

**Cooling Only**

<table>
<thead>
<tr>
<th>Outdoor unit</th>
<th>kW</th>
<th>Btu/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTKJ25 (white)</td>
<td>2.5 (1.2-3.4)</td>
<td>8,500 (4,100-11,600)</td>
</tr>
<tr>
<td>FTKJ35 (white)</td>
<td>3.5 (1.3-4.1)</td>
<td>11,900 (4,400-14,000)</td>
</tr>
<tr>
<td>FTKJ50 (white)</td>
<td>5.2 (1.7-5.5)</td>
<td>17,700 (5,800-18,800)</td>
</tr>
</tbody>
</table>

**Power consumption**

<table>
<thead>
<tr>
<th>Indoor unit</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTKJ25 (white)</td>
<td>530</td>
</tr>
<tr>
<td>FTKJ35 (white)</td>
<td>855</td>
</tr>
<tr>
<td>FTKJ50 (white)</td>
<td>1,480</td>
</tr>
</tbody>
</table>

### Contents of FTKV and FTKC Series

- **P9** It’s Time for DC Inverter
- **P11** Lineup of FTKV Series
- **P13** Lineup of FTKC Series
- **P15** Next Generation R-32 Refrigerant
- **P17** Inverter Air Conditioners Reduce Electricity Consumption
- **P19** All Models Feature High Energy Efficiencies
- **P21** Less Wasted Energy with Infrared Sensors
It’s Time for DC Inverter

Inverter air conditioners are well known for their precise control. In fact, their outstanding efficiency can cut energy bills compared to non-inverter models. This precision also means greater comfort, plus full power at the touch of a button.

With its strong environmental commitment, Daikin has been using its market-leading position to promote inverter systems worldwide. DC Inverter models feature advanced DC motors. These motors use high-power magnets to generate rotation, giving them greater efficiency than AC motors.

Features

- Improved performance over non-inverter models
- Optimal control with Intelligent Eye and Econo Mode
- Advanced comfort features including 3D Airflow
- Greater convenience with weekly scheduling
- Titanium Apatite Photocatalytic Air-Purifying Filter
- Remote control via smartphone (optional adaptor)
# Lineup of FTKV Series

<table>
<thead>
<tr>
<th>Class</th>
<th>Model</th>
<th>Cooling Capacity Rated (Min.-Max.)</th>
<th>kW</th>
<th>Btu/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 kW Class</td>
<td>FTKV25NVM / RKV25NVM</td>
<td>2.5 (1.2-3.4) 4,500 (1,900-9,900)</td>
<td>2.5</td>
<td>4,500 (1,900-9,900)</td>
</tr>
<tr>
<td>3.5 kW Class</td>
<td>FTKV35NVM / RKV35NVM</td>
<td>3.5 (1.9-4.1) 8,500 (4,100-14,000)</td>
<td>3.5</td>
<td>8,500 (4,100-14,000)</td>
</tr>
<tr>
<td>5.0 kW Class</td>
<td>FTKV50NVM / RKV50NVM</td>
<td>5.2 (1.7-6.0) 11,900 (8,400-14,000)</td>
<td>5.2</td>
<td>11,900 (8,400-14,000)</td>
</tr>
<tr>
<td>6.0 kW Class</td>
<td>FTKV60NVM / RKV60NVM</td>
<td>6.0 (1.9-7.0) 20,500 (11,900-20,500)</td>
<td>6.0</td>
<td>20,500 (11,900-20,500)</td>
</tr>
<tr>
<td>7.1 kW Class</td>
<td>FTKV71NVM / RKV71NVM</td>
<td>7.1 (2.3-8.9) 24,200 (13,900-24,200)</td>
<td>7.1</td>
<td>24,200 (13,900-24,200)</td>
</tr>
</tbody>
</table>
## Lineup of FTKC Series

### FTKC Series

### Cooling Only

#### 1.5 kW Class
- **FTKC15PVM / RKC15PVM**
  - **Cooling Capacity**
    - **Rated** (Min. - Max.): 1.5 (0.75-1.9) kW
    - **Blush**: 5,100 (2,500-6,500) Btu/h

#### 2.0 kW Class
- **FTKC20PVM / RKC20PVM**
  - **Cooling Capacity**
    - **Rated** (Min. - Max.): 2.0 (1.0-2.4) kW
    - **Blush**: 6,800 (3,400-8,200) Btu/h

#### 2.5 kW Class
- **FTKC25QVM / RKC25QVM**
  - **Cooling Capacity**
    - **Rated** (Min. - Max.): 2.5 (1.0-3.4) kW
    - **Blush**: 8,500 (3,400-11,600) Btu/h

#### 3.5 kW Class
- **FTKC35QVM / RKC35QVM**
  - **Cooling Capacity**
    - **Rated** (Min. - Max.): 3.5 (1.3-4.1) kW
    - **Blush**: 11,900 (4,400-14,900) Btu/h

#### 5.0 kW Class
- **FTKC50QVM / RKC50QVM**
  - **Cooling Capacity**
    - **Rated** (Min. - Max.): 5.2 (1.4-6.0) kW
    - **Blush**: 17,700 (4,800-20,500) Btu/h

#### 6.0 kW Class
- **FTKC60QVM / RKC60QVM**
  - **Cooling Capacity**
    - **Rated** (Min. - Max.): 6.0 (1.4-6.7) kW
    - **Blush**: 20,500 (4,800-22,900) Btu/h

#### 7.1 kW Class
- **FTKC71QVM / RKC71QVM**
  - **Cooling Capacity**
    - **Rated** (Min. - Max.): 7.1 (2.1-7.5) kW
    - **Blush**: 24,200 (7,200-25,600) Btu/h

---

**NEW** indicates a model with a new design. **NEW** indicates a model with a new capacity class.
Next-Generation R-32 Refrigerant

As the sole worldwide manufacturer of both air conditioning equipment and refrigerants, Daikin is continuously researching refrigerants as well as new technologies that can reduce energy consumption. Use of refrigerants with a lower impact on global warming is urgently required as climate change has become one of the most critical global issues. Daikin has now adopted R-32. This next-generation refrigerant does not deplete the ozone layer and has a lower impact on global warming.

Zero Ozone Layer Depletion

The ozone layer surrounds the Earth and helps to absorb the harmful ultraviolet rays in sunlight. Although R-22 (HCFC) refrigerant had been used in air conditioners and refrigerators, it damages the ozone layer and its use is to be mostly eliminated by 2020. To replace R-22, Taiwan, Japan and European countries with more progressive regulations selected R-410A (HFC).

Less Impact on Global Warming

The Earth retains solar heat in the daytime for warming and then releases this heat at night, allowing it to maintain an optimal temperature range. However, with greenhouse gases increasing, it is more difficult to discharge heat and the planet is gradually becoming warmer. This is called global warming. R-32 has only around 30% of the global warming potential of R-410A and R-22.

Greenhouse gases cause damage which allows solar radiation to pass through the Earth’s outer atmosphere while also trapping infrared radiation. These gases rapidly increase and interfere with the Earth’s ability to release heat into space, causing the ambient temperature to rise.

Refrigerants: Heat Release in Air Conditioning Systems

R-32 refrigerating effect: 1.5 times that of R-22 or R-410A

Increased Energy Efficiency

The potential refrigerating effect of R-32 is 1.5 times that of R-410A. Thus the piping diameter can be smaller.

Refrigeration Cycle of R-32

Note: 1. Global warming potential values are based on the Fourth Assessment Report from the Intergovernmental Panel on Climate Change (IPCC).
Inverter air conditioners vary their capacity by adjusting the rotation speed of their compressors. This allows inverter air conditioners to cut electricity use compared to non-inverter models. An inverter system can help to noticeably reduce household power bills.

If you select Auto Fan Speed, your inverter air conditioner will operate at maximum efficiency without any further setting. It will not start and stop its compressor to maintain the room temperature. You can also go out of the room for a short time without any worries.

Inverter models operate at maximum capacity (100% load) to quickly reach the set temperature. They then reduce operation to low capacity (partial load), which is sufficient to maintain the set temperature. This allows inverter models to operate at low capacity (partial load) most of the time.

Inverters are devices that are able to vary their capacity by adjusting operating frequency. This allows inverter air conditioners to cut electricity use compared to non-inverter models. An inverter system can help to noticeably reduce household power bills.

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Inverter Air Conditioners Reduce Electricity Consumption

Lower Electricity Consumption

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All Models Feature High Energy Efficiencies

COPs of 3.55 to 4.63

The FTKV series achieves COPs of 3.55 to 4.63 thanks to Daikin’s DC Inverter control and next-generation R-32 refrigerant. The FTKV25 achieves a COP of 4.63, 13% higher than the conventional FTKS25. The FTKV35 achieves a COP of 3.85, 16% higher than the conventional FTKS35.

<table>
<thead>
<tr>
<th>Model</th>
<th>New COP</th>
<th>Conventional COP</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTKV25NVM</td>
<td>4.63</td>
<td>4.10</td>
</tr>
<tr>
<td>FTKS25GVMA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FTKV35NVM</td>
<td>3.85</td>
<td>3.31</td>
</tr>
<tr>
<td>FTKS35GVMA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FTKV50NVM</td>
<td>4.00</td>
<td>3.85</td>
</tr>
<tr>
<td>FTKS50HVM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FTKV60NVM</td>
<td>3.80</td>
<td>3.68</td>
</tr>
<tr>
<td>FTKS60HVM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FTKV71NVM</td>
<td>3.55</td>
<td>3.45</td>
</tr>
<tr>
<td>FTKS71HVM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

What Is COP? An air conditioner’s COP (coefficient of performance) indicates how efficiently the unit uses energy. A higher COP means greater energy efficiency, it also means lower electricity consumption, and of course lower power bills.

COP = \[
\frac{\text{Capacity (W)}}{\text{Power consumption (W)}}
\]

Daikin DC Inverter Technologies

DC Inverter Control
DC Inverter is Daikin’s term for an inverter air conditioner equipped with a DC motor. These motors use magnets to generate rotation, making them more efficient than AC motors. Daikin has fitted its advanced DC motors for compressors and fan motors with powerful neodymium magnets to achieve even greater efficiency. It calls these devices Reluctance DC motors.

Swing Compressor
With its smooth rotation, the swing compressor significantly decreases friction and vibration. It also eliminates the leakage of refrigerant gas during compression. These advantages provide quiet and efficient operation.

The high performance of this Daikin original technology was recognised in 1997 with the receipt of an award from the Japan Society for the Promotion of the Machine Industry. The compressor’s reputation for reliability has grown considerably in the nearly 20 years since this award was presented.

Reluctance DC Motor for Compressors
The compressor is one of an air conditioner’s core components and its performance is directly linked to the motor. Daikin was the first to successfully use a Reluctance DC motor with a scroll compressor in commercial-use air conditioners. It has now adapted this high-efficiency motor for the swing compressors in its residential-use systems. The Reluctance DC motor saves energy by generating more power with a smaller electric current than AC or conventional DC motors.

Notes: 1. This marked the development of a high-performance swing compressor that was compatible with alternative fluorocarbons. Daikin’s achievement was recognised by the Institute of Electrical Engineers of Japan at the 54th Academic Promotion and Technical Development Awards in 1998.
Less Wasted Energy with Infrared Sensors

Intelligent Eye

Intelligent Eye prevents energy wastage by using its infrared sensors to detect human movement in a room. If there is no movement for 20 minutes, it automatically adjusts the set temperature by approximately 2°C. Once Intelligent Eye is turned on, it operates automatically without any further setting.

This function is available for the FTKV series and FTKC25/35/50/60/71.

Econo Mode

This function limits the maximum power consumption. It helps to reduce power usage if the cooling load is high, for example, at startup or during large gatherings and periods of direct sunshine.

Maximum capacity decreases during Econo Mode, requiring more time to reach the set temperature.

Standby Electricity Saving

Electrical appliances still use a surprising amount of power even when they are waiting in standby mode. Recognising this, Daikin has developed the Standby Electricity Saving function to reduce this hidden power consumption.

This function is available for the FTKV series and FTKC25/35/50/60/71.
Choice of Wide Range of Airflow Patterns

Power-Airflow Flap and Power-Airflow Dual Flaps

The Power-Airflow Flap and Power-Airflow Dual Flaps flatten out during cooling operation to deliver air to every part of a room. Selecting the low angle sends air right to the corners, while choosing the high angle spreads air around the centre.

The Power-Airflow Flap is available for the FTKC15/20/25/35.
The Power-Airflow Dual Flaps are available for the FTKV series and FTKC50/60/71.

Wide-Angle Louvers

The Wide-Angle Louvers provide effective airflow coverage no matter where the indoor unit is placed in a room. The louvers deliver cool air right to the corners of any space. The FTKV50/60/71 can be adjusted directly from the wireless remote controller. Other units can be set manually.

When you choose the low angle, cool air slides off to reach the corners of the room.

3D Airflow

3D Airflow combines Vertical and Horizontal Auto-Swing to reduce indoor temperature fluctuation. This function circulates air to every part of a room for uniform cooling of even large spaces. To start 3D Airflow, push both the Vertical and Horizontal Auto-Swing buttons. The flaps and louvers swing in turn.

This function is available for the FTKV50/60/71.

Inverter Powerful Operation

Inverter Powerful Operation boosts airflow to maximum volume for a 20 minute period. This function is convenient for quickly adjusting the indoor temperature to the set temperature. After 20 minutes, the unit automatically returns to its previous settings.

This function is available for the FTKV50/60/71.

Comfort Airflow Mode

Comfort Airflow Mode prevents uncomfortable drafts from blowing directly on to a person’s body. During cooling operation, the flap moves upward to prevent cold drafts.

This function is available for the FTKV50/60/71 and FTKC series.
Quiet Nights in Your Neighborhood

Indoor Unit Quiet Operation

The FTKV and FTKC series give you a choice of 5-step, Quiet or Automatic settings for the fan speed. The Quiet setting selects Indoor Unit Quiet Operation, which decreases the sound pressure level by 3 to 6 dB (A) below the Low setting.

This wide range of settings allows you to precisely control the fan speed according to your needs. For example, the Quiet function will help you to sleep more comfortably at night. The sound pressure level is just 19 dB (A) for the FTKC25.

Outdoor Unit Quiet Operation

This function decreases the sound pressure level by 3 to 7 dB (A) below the rated operation. It provides a sound pressure level of 43 dB (A) for the RKV25 and RKC50/60. Capacity may decrease when Outdoor Unit Quiet Operation is selected.

19 dB (A) is so quiet you can even hear whispers!

24 Hour On/Off Timer

This function is available for the FTKV series and FTKC15/20.

This timer can start or stop the air conditioner within a 24 hour period. It can be preset in 10 minute steps by pressing the On/Off Timer button on the wireless remote controller. The On Timer and Off Timer can be used in combination.

Count Up-Down On/Off Timer

The operation start and stop times can be set with the touch of a single button and preset for a period of one to 12 hours in one hour increments. When the Off Timer is set, Night Set Mode is activated automatically.

Night Set Mode

Pressing the Off timer button automatically selects Night Set Mode. This function prevents excessive cooling for a pleasant sleep. One hour after the Off timer button is pressed, the room temperature is raised by 0.5°C.

Set and Forget On/Off Operation

Weekly Timer

The Weekly Timer allows up to four actions to be programmed for each day of the week. It is possible to schedule not only the On and Off times but also to set temperatures. Once you set up the Weekly Timer, the air conditioner operates each day without controller input. The Weekly Timer synchronises the air conditioner with your family’s schedule, greatly improving comfort in your home.

You can set up the Weekly Timer using the wireless remote controller. The copy function also enables a daily programme to be repeated on other days as required. This makes it even easier to set the timer.

Controller Buttons and Copy Function

You can set the Weekly Timer 30 minutes before your wake-up time, you can avoid the hot and humid morning air and enjoy a pleasantly cool room as you get up.

Even if you go to bed at 0:00 a.m., the air conditioner will start operation 30 minutes before to help you fall into a comfortable sleep.

The Weekly Timer will automatically stop operation when you leave home. The Weekly Timer will automatically stop operation when you go to bed.

**Living room** Monday to Friday

<table>
<thead>
<tr>
<th>Programme 1</th>
<th>Monday to Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>On</strong> 22°C</td>
<td>6:30 a.m.</td>
</tr>
<tr>
<td><strong>Off</strong> 8:00 a.m.</td>
<td></td>
</tr>
</tbody>
</table>

If you set the Weekly Timer 30 minutes before your wake-up time, you can avoid the hot and humid morning air and enjoy a pleasantly cool room as you get up.

The Weekly Timer will automatically stop operation after you leave home on a busy morning. You can forget about the air conditioner.

Even if you go to bed at 0:00 a.m., the air conditioner will operate for another three hours so you continue to sleep comfortably. Stopping operation during the night prevents overcooling and saves you from catching a chill.

Even if you go to bed at 0:00 a.m., the air conditioner will start operation 30 minutes before to help you fall into a comfortable sleep.

The Weekly Timer will automatically stop operation when you go to bed.

**Bedroom** Monday to Friday

<table>
<thead>
<tr>
<th>Programme 1</th>
<th>Monday to Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>On</strong> 23°C</td>
<td>11:30 a.m.</td>
</tr>
<tr>
<td><strong>Off</strong> 3:00 a.m.</td>
<td></td>
</tr>
</tbody>
</table>

Even if you go to bed at 0:00 a.m., the air conditioner will start operation 30 minutes before to help you fall into a comfortable sleep.

If you set the Weekly Timer an hour before you arrive home, you can enjoy a wave of cool air as soon as you step through the door.

The Weekly Timer will automatically stop operation when you go to bed.

**Living room** Monday to Friday

<table>
<thead>
<tr>
<th>Programme 2</th>
<th>Monday to Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>On</strong> 21°C</td>
<td>5:30 p.m.</td>
</tr>
<tr>
<td><strong>Off</strong> 6:30 a.m.</td>
<td></td>
</tr>
</tbody>
</table>

If you set the Weekly Timer 30 minutes before your wake-up time, you can avoid the hot and humid morning air and enjoy a pleasantly cool room as you get up.

The Weekly Timer will automatically stop operation after you leave home on a busy morning. You can forget about the air conditioner.

Even if you go to bed at 0:00 a.m., the air conditioner will start operation 30 minutes before to help you fall into a comfortable sleep.

The Weekly Timer will automatically stop operation when you go to bed.

**Bedroom** Monday to Friday

<table>
<thead>
<tr>
<th>Programme 3</th>
<th>Monday to Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>On</strong> 23°C</td>
<td>6:30 a.m.</td>
</tr>
<tr>
<td><strong>Off</strong> 8:00 a.m.</td>
<td></td>
</tr>
</tbody>
</table>

If you set the Weekly Timer 30 minutes before your wake-up time, you can avoid the hot and humid morning air and enjoy a pleasantly cool room as you get up.

If you set the Weekly Timer an hour before you arrive home, you can enjoy a wave of cool air as soon as you step through the door.

The Weekly Timer will automatically stop operation when you go to bed.

**Living room** Monday to Friday

<table>
<thead>
<tr>
<th>Programme 4</th>
<th>Monday to Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Off</strong> 0:00 a.m.</td>
<td></td>
</tr>
</tbody>
</table>

The Weekly Timer will automatically stop operation when you go to bed.

**Bedroom** Monday to Friday

<table>
<thead>
<tr>
<th>Programme 4</th>
<th>Monday to Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Off</strong> 8:00 a.m.</td>
<td></td>
</tr>
</tbody>
</table>

The Weekly Timer will automatically stop operation when you leave home.
Photocatalytic Air Purifying

Titanium Apatite Photocatalytic Air-Purifying Filter

Photocatalytic air purifying is a deodorising and antibacterial technology. Daikin was the first to apply this advance to the air-purifying filters used in air conditioners. Daikin’s success has led manufacturers in various industries to adopt the technology for antibacterial products.

Titanium apatite is an advanced photocatalytic material with great adsorption power. While a filter’s micron-level fibres trap dust, titanium apatite effectively adsorbs and decomposes bacteria. The photocatalyst is activated simply by exposure to light. This filter delivers consistent performance for approximately three years if it is washed with water once every six months.

This filter is not a medical device. Benefits such as the adsorption and decomposition of bacteria are only effective for substances which are directly attached to the Titanium Apatite Photocatalytic Air-Purifying Filter.

Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins

The outdoor unit’s heat exchanger fins are processed using a special anti-corrosion treatment. The surface is covered with a thin acrylic resin layer to provide enhanced resistance to acid rain and salt corrosion.

Note: 1. This practical application of titanium apatite was a world first. Announced in September 2003 at the 3rd International Workshop on the Utilization and Commercialization of Photocatalytic Systems, Coatings for Clean Surfaces, Water and Air Purification.
Remote Control via Smartphone

Smart Control by Smartphone

The Daikin mobile controller application lets you manage Daikin inverter air conditioners from anywhere, helping to maintain a comfortable home environment while saving energy. This convenient app gives you full control of core functions such as start/stop, operation mode and set temperature as well as advanced features like weekly scheduling. The app also lets you monitor your system to ensure it is performing as desired. Setup is extremely easy. After downloading the software, you only need to connect to a private wireless network inside your home or mobile network outside.¹

In Home Operation

At home, the Daikin mobile controller application turns your smartphone into a centralised remote controller.² It only takes a few easy taps to check and adjust the temperature in a child’s room on the second floor from the living room. You can also start and stop the air conditioner in the living room from your bedroom.

Out of Home Operation

The Daikin mobile controller application takes care of those nagging worries about whether you turned off the air conditioner and ensures a comfortable air conditioned environment is waiting when you return home. Even outside your home, you can easily monitor and adjust points such as the operating status and room temperature or start and stop all units.

Functions

<table>
<thead>
<tr>
<th>Start/stop operation</th>
<th>Monitor current outdoor temperature³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set operation mode</td>
<td></td>
</tr>
<tr>
<td>Set room temperature</td>
<td></td>
</tr>
<tr>
<td>Set fan speed²</td>
<td></td>
</tr>
<tr>
<td>Set airflow direction²</td>
<td></td>
</tr>
<tr>
<td>Monitor current room temperature</td>
<td></td>
</tr>
</tbody>
</table>

System Configuration

- Daikin mobile controller application (free)
- Wireless router
- Android or iPhone

Required for Operation

- Daikin mobile controller (optional adaptor) (1)
- BRAI072A42

Notes: 1. For applicable OSs, go to http://www.daikinthai.com/dmobile/. An Internet connection is required to use this service. Standard smartphone charges also apply when using the Daikin mobile controller application to monitor or control air conditioners.
2. Operation control of air conditioners using the Daikin mobile controller application will depend on the effective coverage area of your LAN.
3. The controllable functions differ depending on the model.
4. Monitoring of the outdoor temperature is available for all models during operation. Some models can also perform monitoring while they are not operating.
5. An interface adaptor (KPR067A41 or KRP098B2) is also required for the FTKC15/20.
## Function List of FTKV and FTKC Series

### Indoor Unit

<table>
<thead>
<tr>
<th>Functions</th>
<th>FTKV Series</th>
<th>FTKC Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Models</strong></td>
<td>FTKV25/35</td>
<td>FTKV50/60</td>
</tr>
<tr>
<td>DC Inverter Control</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Power-Airflow Dual Flaps</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Power-Airflow Flap</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Wide-Angle Louvers</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Vertical Auto-Swing (up and down)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Horizontal Auto-Swing (left and right)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>3D Airflow</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Comfort Airflow Mode</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Indoor Unit Quiet Operation</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Auto Fan Speed</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Intelligent Eye</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Programme Dry Function</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Standby Electricity Saving</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Eco Mode</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Inverter Powerful Operation</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Wireless Remote Controller with Backlight</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Daikin Mobile Controller (optional adaptor)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Indoor Unit On/Off Switch</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Titanium Apatite Photocatalytic Air-Purifying Filter</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Wipe-Clean Flat Panel</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>24 Hour On/Off Timer</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Count Up-Down On/Off Timer</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Weekly Timer</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Night Set Mode</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Auto-Restart after Power Failure</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Self-Diagnosis with Digital Display</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Comfort Control Lifestyle</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Worry Free</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Daikin Mobile Controller (optional adaptor)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Outdoor Unit Quiet Operation</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

### Outdoor Unit

<table>
<thead>
<tr>
<th>Functions</th>
<th>RKV Series</th>
<th>FTKC Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Models</strong></td>
<td>RKV25/35</td>
<td>RKV50/60</td>
</tr>
<tr>
<td>Outdoor Unit Quiet Operation</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

### Function List of FTKV and FTKC Series

- DC Inverter Control
- Power-Airflow Dual Flaps
- Power-Airflow Flap
- Wide-Angle Louvers
- Vertical Auto-Swing (up and down)
- Horizontal Auto-Swing (left and right)
- 3D Airflow
- Comfort Airflow Mode
- Indoor Unit Quiet Operation
- Auto Fan Speed
- Intelligent Eye
- Programme Dry Function
- Standby Electricity Saving
- Eco Mode
- Inverter Powerful Operation
- Wireless Remote Controller with Backlight
- Daikin Mobile Controller (optional adaptor)
- Indoor Unit On/Off Switch
- Titanium Apatite Photocatalytic Air-Purifying Filter
- Wipe-Clean Flat Panel
- 24 Hour On/Off Timer
- Count Up-Down On/Off Timer
- Weekly Timer
- Night Set Mode
- Auto-Restart after Power Failure
- Self-Diagnosis with Digital Display
- Comfort Control Lifestyle
- Worry Free
- Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins

### Function List of FTKV and FTKC Series

- DC Inverter Control
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- Vertical Auto-Swing (up and down)
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- Standby Electricity Saving
- Eco Mode
- Inverter Powerful Operation
- Wireless Remote Controller with Backlight
- Daikin Mobile Controller (optional adaptor)
- Indoor Unit On/Off Switch
- Titanium Apatite Photocatalytic Air-Purifying Filter
- Wipe-Clean Flat Panel
- 24 Hour On/Off Timer
- Count Up-Down On/Off Timer
- Weekly Timer
- Night Set Mode
- Auto-Restart after Power Failure
- Self-Diagnosis with Digital Display
- Comfort Control Lifestyle
- Worry Free
- Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins
Comfortable Airflow

**Power-Airflow Dual Flaps**
The Power-Airflow Dual Flaps can flatten out during cooling operation to deliver cool air to the corners of a room.

**Power-Airflow Flap**
The Power-Airflow Flap flattens out during cooling operation to deliver cool air to the corners of a room.

**Wide-Angle Louvers**
The Wide-Angle Louvers provide wide airflow coverage for effective operation no matter where the indoor unit is placed in a room.

**Vertical Auto-Swing (up and down)**
The function automatically moves the flaps up and down to distribute air across a room.

**Horizontal Auto-Swing (left and right)**
Horizontal Auto-Swing automatically moves the louvers to the left and right to cover a room with cool air.

**3D Airflow**
The function combines Vertical and Horizontal Auto-Swing to circulate a cloud of cool air right to the corners of large rooms.

Comfort Airflow Mode
This function prevents uncomfortable drafts from blowing directly on to the body. To prevent drafts, the flap moves upward during cooling operation.

Comfort Control

**Indoor Unit Quiet Operation**
Indoor unit operating sound pressure levels can be decreased from the Low setting fan speed using the wireless remote controller.

**Outdoor Unit Quiet Operation**
Outdoor unit operating sound pressure levels can be decreased from the Rapid operation sound using the wireless remote controller.

**Auto Fan Speed**
The microprocessor automatically adjusts the fan speed from high to low to rapidly match the set speed. Once the temperature is achieved, this function reduces the fan speed to low.

**Intelligent Eye**
Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement for 20 minutes, it adjusts the temperature by approximately 0.5°C for energy savings.

**Programme Dry Function**
The microprocessor works to eliminate humidity while maintaining the most consistent temperature possible. It automatically controls the temperature and fan speed.

Cleanliness

**Titanium Apatite Photocatalytic Air-Purifying Filter**
This filter contains the advanced photocatalytic material titanium apatite. While the filter’s micron-level fibres trap dust, this photocatalyst adsorbs and decomposes bacteria. The filter can be used for up to three years with proper maintenance.

**Wipe-Clean Flat Panel**
The flat panel design can be cleaned with only the single pass of a cloth across its smooth surface. The flat panel can also be easily removed for more thorough cleaning.

Lifestyle Convenience

**Standby Electricity Saving**
Even when an air conditioner is not operating, it requires standby power. However, thanks to this function, the required standby power can be reduced.

**Econo Mode**
This mode limits maximum power consumption. It improves operating efficiency and also prevents circuit breakers from being overloaded.

**Inverter Powerful Operation**
This function boosts cooling performance for 20 minute period. It is convenient when the air conditioner is first turned on or it is necessary to change the room temperature quickly.

**Daikin Mobile Controller (optional adaptor)**
This option adaptors turn your smartphone into a remote controller that can be used inside or outside the home. Together they help to maintain comfort while saving energy and eliminate any worries about forgetting to turn off the air conditioner.

**Indoor Unit On/Off Switch**
The unit can be conveniently started by hand if the wireless remote controller is misplaced or its batteries are not charged.

**Worry Free**

**Auto-Restart after Power Failure**
The air conditioner remembers the settings for operation mode (cooling, dry and fan only), airflow, temperature, etc. and automatically returns to them when power is restored after a power failure.

**Self-Diagnosis with Digital Display**
Multifunction codes are shown on the display panel of the wireless remote controller for fast and easy maintenance.

**Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins**
The outdoor unit’s heat exchanger fins are processed using a special anti-corrosion treatment. The surface is coated with a thin acrylic resin layer to enhance the fin’s resistance to acid rain and salt corrosion.

Timers

**24 Hour On/Off Timer**
This timer can start or stop the air conditioner within a 24 hour period. It can be preset in 10 minute steps by pressing the ON/OFF Timer button on the wireless remote controller. The On Timer and Off Timer can be used in combination.

**Count Up-Down On/Off Timer**
The operation start and stop times can be set with the touch of a single button and preset for a period of one to 12 hours in one hour increments. When the Off Timer is set, Night Set Mode is activated automatically.

**Weekly Timer**
The weekly timer allows up to four actions to be programmed for each day of the week. It is possible to schedule only on the off and off times, but also to schedule rehearsal times during those periods. The copy function also makes the setting much easier and enables a daily programme to be repeated on other days as required.

**Night Set Mode**
Pressing the OFF Timer button automatically selects Night Set Mode. This function prevents uncomfortable cooling for a pleasant sleep. After 60 minutes, the room temperature is raised by 0.5°C for cooling operation.

**Cross section of anti-corrosion treated fin**
Hydrophilic film
Aluminium
Corrosion-resistant acrylic resin
Heat exchanger fin

Smile Curve
The FRKC series features Daikin’s new smile curve design for the front panel. The smile curve creates a stylish, modern appearance which blends easily with any interior decor.
Wireless Remote Controller

FTKV25/35

1. On and Off switch
2. Selects fan speed: Auto Fan Speed and Indoor Unit Quiet Operation
3. Inverter Powerful Operation
4. Selects operation mode: Cooling, Dry and Fan Only
5. Outdoor Unit Quiet Operation
6. 24 Hour Off Timer and Night Set Mode
7. C Cancels timers
8. The backlit LCD allows easy operation in the dark
9. 8 Sets room temperature
10. 9 Econo Mode
11. 10 Sets vertical airflow direction: Vertical Auto-Swing
12. 11 Intelligent Eye
13. 12 Selects time
14. 13 24 Hour On Timer
15. 14 Sets clock

FTKV50/60/71

1. On and Off switch
2. Selects fan speed: Auto Fan Speed and Indoor Unit Quiet Operation
3. Inverter Powerful Operation
4. Selects operation mode: Cooling, Dry and Fan Only
5. Comfort Airflow Mode and Intelligent Eye
6. Selects timer, mode, setting significant number, day, time and temperature
7. 24 Hour Off Timer and Night Set Mode
8. C Cancels timers
9. The backlit LCD allows easy operation in the dark
10. 9 Sets room temperature
11. 10 Econo Mode and Outdoor Unit Quiet Operation
12. 11 Sets vertical airflow direction: Vertical Auto-Swing
13. 12 Selects horizontal airflow direction: Horizontal Auto-Swing
14. 13 24 Hour On Timer
15. 14 Sets clock
16. 15 Weekly Timer: Deactivates, reactivates or deletes Weekly Timer settings
17. 16 Starts and completes settings
18. 17 Copies settings
19. 18 Moves back
20. 19 Moves forward
21. 13 24 Hour On Timer
22. 14 Sets clock

FTKC15/20

1. On and Off switch
2. Selects fan speed, Auto Fan Speed and Indoor Unit Quiet Operation
3. Selects operation mode: Cooling, Dry and Fan Only
4. Comfort Airflow Mode
5. 24 Hour On Timer
6. 24 Hour Off Timer and Night Set Mode
7. The backlit LCD allows easy operation in the dark
8. 8 On and Off switch
9. 9 Selects fan speed, Auto Fan Speed and Indoor Unit Quiet Operation
10. 10 Sets vertical airflow direction: Vertical Auto-Swing
11. 11 Cancels timer
12. 12 Selects time
13. 13 Resets settings
14. 14 Sets clock

FTKC25/35/50/60/71

1. Off switch
2. Starts cooling operation
3. Starts dry operation
4. Selects operation mode: Cooling, Dry and Fan Only
5. Outdoor Unit Quiet Operation
6. Comfort Airflow Mode
7. Count Up-Down Off Timer
8. Count Up-Down On Timer
9. Off switch
10. Starts fan only operation
11. Selects fan speed, Auto Fan Speed and Indoor Unit Quiet Operation
12. Econo Mode
13. Selects airflow angle: Vertical Auto-Swing
14. Comfort Airflow Mode
15. Cancels timers
### Specifications for FTKV Series

<table>
<thead>
<tr>
<th>Indoor unit</th>
<th>FTKV25NVM</th>
<th>FTKV35NVM</th>
<th>FTKV50NVM</th>
<th>FTKV60NVM</th>
<th>FTKV71NVM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>2.5 (1.2-3.4)</td>
<td>3.5 (1.9-4.1)</td>
<td>5.2 (1.7-6.0)</td>
<td>6.0 (1.9-7.0)</td>
<td>7.1 (2.2-8.9)</td>
</tr>
<tr>
<td>kW</td>
<td>6.500</td>
<td>11.900</td>
<td>17.700</td>
<td>26.000</td>
<td>24.000</td>
</tr>
<tr>
<td>kg/h</td>
<td>10.800</td>
<td>15.000</td>
<td>20.500</td>
<td>30.000</td>
<td>28.000</td>
</tr>
<tr>
<td>Power supply</td>
<td>1 phase, 200-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power consumption</td>
<td>2.7-2.9-2.8 / 2.7-2.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>kW</td>
<td>540</td>
<td>910</td>
<td>1,360</td>
<td>2,000</td>
<td></td>
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<tr>
<td>kg</td>
<td>4.63</td>
<td>3.85</td>
<td>4.63</td>
<td>3.85</td>
<td></td>
</tr>
</tbody>
</table>

### Options for FTKV Series

#### Indoor Unit

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>FTKV25/35/50/60/71</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5-room centralised controller</td>
<td>KRC72A</td>
</tr>
<tr>
<td>2</td>
<td>Wiring adaptor for time clock/remote controller (Normal open pulse contact/normal open contact)</td>
<td>KRP413AB1S</td>
</tr>
<tr>
<td>3</td>
<td>Titanium apatite photocatalytic air-purifying filter</td>
<td>KAF970A46</td>
</tr>
<tr>
<td>4</td>
<td>Remote controller loss prevention with chain</td>
<td>KPF910A4</td>
</tr>
<tr>
<td>5</td>
<td>Daikin mobile controller</td>
<td>BPR724A2</td>
</tr>
</tbody>
</table>

Notes: 1. A wiring adaptor (KRP413AB1S) is also required for each indoor unit.
2. The time clock and other devices should be obtained locally.
3. The filter is a standard accessory.

#### Outdoor Unit

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>RKV25/35</th>
<th>RKV50/60</th>
<th>RKV71</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Air direction adjustment grille</td>
<td>KPW945A4</td>
<td>KPW945A4</td>
<td>KPW945A4</td>
</tr>
<tr>
<td>2</td>
<td>Drain plug</td>
<td>KPP937A4</td>
<td>KPP937A4</td>
<td>KPP937A4</td>
</tr>
<tr>
<td>3</td>
<td>Titanium apatite photocatalytic air-purifying filter</td>
<td>KAF970A46</td>
<td>KAF970A46</td>
<td>KAF970A46</td>
</tr>
</tbody>
</table>

Note: *1. One set includes five pieces for five units.
*2. The time clock and other devices should be obtained locally.
*3. The filter is a standard accessory.

#### Control System

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>FTKV25/35/50/60/71</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Central remote controller</td>
<td>DCS302CA41</td>
</tr>
<tr>
<td>2</td>
<td>Unified On/Off controller</td>
<td>DCS302BB9S</td>
</tr>
<tr>
<td>3</td>
<td>Schedule timer</td>
<td>DST301BA41</td>
</tr>
<tr>
<td>4</td>
<td>Interface adaptor for DIII-NET use</td>
<td>KRP928BB25</td>
</tr>
</tbody>
</table>

Note: *1. Interface adaptor for DIII-NET use (KRP928BB25) is also required for each indoor unit.
### Specifications for FTKC Series

<table>
<thead>
<tr>
<th>Mode</th>
<th>Indoor unit</th>
<th>Outdoor unit</th>
<th>FTKC15QVM</th>
<th>FTKC20QVM</th>
<th>FTKC25QVM</th>
<th>FTKC35QVM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model name</strong></td>
<td><strong>FTKC15QVM</strong></td>
<td><strong>FTKC20QVM</strong></td>
<td><strong>FTKC25QVM</strong></td>
<td><strong>FTKC35QVM</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>Rated (Min.-Max.)</td>
<td>kW</td>
<td>1.5 (0.75-1.9)</td>
<td>2.0 (1.0-2.4)</td>
<td>2.5 (1.0-3.4)</td>
<td>3.5 (1.3-4.7)</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td>1 phase, 220-240 V, 50 Hz / 1 phase, 220-230 V, 60 Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Running current</strong></td>
<td>Rated</td>
<td>A</td>
<td>2.2</td>
<td>2.6</td>
<td>3.2</td>
<td>4.5</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>Rated</td>
<td>W</td>
<td>337</td>
<td>500</td>
<td>660 (210-1,100)</td>
<td>960 (250-1,455)</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>Motor output</td>
<td>kW</td>
<td>4.45</td>
<td>4.00</td>
<td>3.67</td>
<td>3.05</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>kg</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Outdoor unit</strong></td>
<td><strong>FTKC15QVM</strong></td>
<td><strong>FTKC20QVM</strong></td>
<td><strong>FTKC25QVM</strong></td>
<td><strong>FTKC35QVM</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Front panel colour</strong></td>
<td>Shiny pure white</td>
<td>Shiny white</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Airflow rate</strong></td>
<td>H/m/min (cm)</td>
<td>9.0 (318)</td>
<td>10.6 (381)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fan speed</strong></td>
<td></td>
<td></td>
<td>5 steps, quiet and automatic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sound pressure levels</strong></td>
<td>H/L/SL</td>
<td>dB(A)</td>
<td>38/25/02</td>
<td>36/25/19</td>
<td>39/26/22</td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>H x W x D</td>
<td>mm</td>
<td>283 x 770 x 203</td>
<td>283 x 770 x 203</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Outdoor unit</strong></td>
<td><strong>FTKC15QVM</strong></td>
<td><strong>FTKC20QVM</strong></td>
<td><strong>FTKC25QVM</strong></td>
<td><strong>FTKC35QVM</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Compressor</strong></td>
<td>Type</td>
<td>Motor output</td>
<td>W</td>
<td>276</td>
<td>441</td>
<td>641</td>
</tr>
<tr>
<td><strong>Refrigerant</strong></td>
<td>Type</td>
<td>Charge</td>
<td>kg</td>
<td>0.50</td>
<td>0.70</td>
<td></td>
</tr>
<tr>
<td><strong>Sound pressure levels</strong></td>
<td>0.50 kg/0.68 kg/0.77 kg</td>
<td>dB(A)</td>
<td>46-47-47</td>
<td>48-49</td>
<td>47</td>
<td>49</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>H x W x D</td>
<td>mm</td>
<td>550 x 658 x 275</td>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>kg</td>
<td>25</td>
<td>26</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operation range</strong></td>
<td>°CDB</td>
<td>19.4 to 46</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Piping connection</strong></td>
<td>Liquid</td>
<td>mm</td>
<td>ø6.4</td>
<td>ø9.5</td>
<td>ø16.0</td>
<td></td>
</tr>
<tr>
<td><strong>Max. piping length</strong></td>
<td>m</td>
<td>15</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Measurement conditions:
1. Cooling capacity is based on indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 7.5 m.
2. Sound pressure levels are based on the temperature conditions 1 above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

### Options for FTKC Series

#### Indoor Unit

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>FTKC15/20</th>
<th>FTKC25/35</th>
<th>FTKC30/60/71</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Remote controller</td>
<td>KAF970A46</td>
<td>KAF970A46</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Remote control loss prevention with chain</td>
<td>KKP937A44</td>
<td>KKP937A44</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Daikin mobile controller</td>
<td>BRP072A42</td>
<td>BRP072A42</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Remote control PC-board set</td>
<td>KKP937A44</td>
<td>KKP937A44</td>
<td></td>
</tr>
</tbody>
</table>

*Notes:* 1. The filter is a standard accessory. 2. Remote control PC-board set (KRF067A41 or KRF098B2) is also required for each indoor unit.

#### Outdoor Unit

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>FTKC15/20</th>
<th>FTKC25/35</th>
<th>FTKC30/60/71</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Air direction adjustment grille</td>
<td>KPW937B4</td>
<td>KPW937D4</td>
<td>KPW937E112</td>
</tr>
<tr>
<td>2</td>
<td>Drain plug</td>
<td>KFP907A4</td>
<td>KFP907A4</td>
<td></td>
</tr>
</tbody>
</table>

*Notes:* 1. One set includes five pieces for five units.