



technical data

RKS-B



**Pair Application, Inverter
Controlled Unit**

air conditioning systems

Split
Sky Air

Split - Sky Air



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory.

Specifications are subject to change without prior notice.

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TABLE OF CONTENTS

RKS-B



| | | |
|----|----------------------------|----|
| 1 | Features | 2 |
| 2 | Specifications | 3 |
| | Technical specifications | |
| | Electrical specifications | |
| 3 | Capacity tables | 6 |
| 4 | Dimensional drawings | 11 |
| 5 | Operation range | 12 |
| 6 | Piping diagrams | 13 |
| 7 | Wiring diagrams | 14 |
| 8 | Sound level | 15 |
| | Sound level data | |
| | Sound pressure spectrum | |
| 9 | Accessories | 17 |
| | Standard accessories | |
| | Optional accessories | |
| 10 | Center of gravity | 18 |
| 11 | Installation | 19 |

1 Features



1 Outdoor units for pair application

- Daikin outdoor units can be mounted easily on a roof or terrace or simply placed against an outside wall. They are fitted with a swing compressor, renowned for its low noise and high energy efficiency.



2 Specifications



2

| TECHNICAL SPECIFICATIONS | | | | RKS50BVMB9 | RKS60BVMB9 | RKS71BVMB9 |
|--------------------------|---|----------|---------------------------------|---------------|--------------|-------------|
| OUTDOOR UNITS | | | | | | |
| DIMENSIONS | Unit | H | mm | 735 | | |
| | | W | mm | 825 | | |
| | | D | mm | 300 | | |
| WEIGHT | | | kg | 49 | 53 | 55 |
| COLOUR | | Unit | | Ivory white | | |
| SOUND LEVEL | Sound pressure (1) (Cooling) | high/low | dB(A) | 47* | 49* | 52* |
| | Sound power (2) (Cooling) | high | dB(A) | 63 | 64 | 66 |
| FAN | Air flow rate (Cooling) | high/low | m ³ /min | 47.7/44.1 | 47.6/44.1 | 51.5/41.5 |
| | | high | rpm | 700 | 730 | 790 |
| | Speed (Cooling) | low | rpm | 650 | 680 | 650 |
| | | Model | | Propeller fan | | |
| Motor output | | W | | 53 | | |
| HEAT EXCHANGER | Type | | Waffle fin, ϕ 8 HI-XA tube | | | |
| | Rows x stages x fin pitch | | mm | 1 x 32 x 1.6 | 2 x 32 x 1.8 | |
| REFRIGERANT CIRCUIT | Refrigerant type | | R-410A | | | |
| | Refrigerant charge | | kg | 1.20 | 1.70 | 1.70 |
| | Maximum allowable distance between indoor and outdoor | | m | 30 | | |
| | Maximum allowable level difference | | m | 20 | | |
| | Refrigerant control | | - | | | |
| COMPRESSOR | Type | | Hermetically sealed swing type | | | |
| | Model | | 2YC32HXD | | 2YC458XD | |
| | Motor output | | 1,500 | | 1,500 | 1,900 |
| | Oil type | | FVC50K | | | |
| | Oil charge volume | | ℓ | 0.65 | 0.65 | 0.75 |
| PIPING CONNECTIONS | | liquid | mm | ϕ 6.4 | | |
| | | gas | mm | ϕ 12.7 | | ϕ 15.9 |
| | | drain | mm | ϕ 18.0 | | |
| INSULATION MATERIAL | Heat insulation | | Both liquid and gas pipes | | | |

* This information was not available at the time of publication.

| ELECTRICAL SPECIFICATIONS | | | | RKS50BVMB9 | RKS60BVMB9 | RKS71BVMB9 |
|---------------------------|-------------------------|---------|---|---------------------------------|------------|------------|
| OUTDOOR UNITS | | | | | | |
| CURRENT | Nominal running current | cooling | A | 6.82 | 9.12 | 10.90 |
| | Max. running current | cooling | A | Please refer to electrical data | | |
| | Starting current | cooling | A | 7.3 | 9.3 | 11.1 |

| OUTDOOR UNITS | | | | RKS50BVMB9 | RKS60BVMB9 | RKS71BVMB9 |
|-------------------------------------|-----------|--|----|------------|------------|------------|
| POWER SUPPLY | | | | VM | VM | VM |
| NOMINAL DISTRIBUTION SYSTEM VOLTAGE | Phase | | | 1~ | 1~ | 1~ |
| | Frequency | | Hz | 50 | 50 | 50 |
| | Voltage | | V | 230 | 230 | 230 |

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NOTES

- The sound pressure level is measured in an anechoic room at 1m distance from the unit. It is a relative value, depending on the distance and acoustic environment. For measuring conditions: please refer to item 8 of this chapter.
- The sound power level is an absolute value indicating the "power" which a sound source generates.

2 Specifications



2

ELECTRICAL DATA

RKS+FTKS50B

| Indoor unit | Outdoor unit | Power supply | | | | Compressor | | OFM | | IFM | |
|-------------|--------------|--------------|----------------------------------|-----|-----|------------|------|-----|------|-----|------|
| | | Hz-Volts | Voltage range | MCA | MFA | RHz | RLA | W | FLA | W | FLA |
| FTKS50BVMB | RKS50BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 72 | 6.92 | 53 | 0.18 | 40 | 0.16 |

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RKS+FTKS60B

RKS+FTKS71B

| Indoor unit | Outdoor unit | Power supply | | | | Compressor | | OFM | | IFM | |
|-------------|--------------|--------------|----------------------------------|------|-----|------------|-------|-----|------|-----|------|
| | | Hz-Volts | Voltage range | MCA | MFA | RHz | RLA | W | FLA | W | FLA |
| FTKS60BVMB | RKS60BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 72 | 8.86 | 53 | 0.24 | 43 | 0.16 |
| FTKS71BVMB | RKS71BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 16.8 | 20 | 80 | 10.58 | 53 | 0.26 | 43 | 0.18 |

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RKS+FKKS50B

| Indoor unit | Outdoor unit | Power supply | | | | Compressor | | OFM | | IFM | |
|-------------|--------------|--------------|----------------------------------|-----|-----|------------|------|-----|------|-------|------|
| | | Hz-Volts | Voltage range | MCA | MFA | RHz | RLA | W | FLA | W | FLA |
| FKKS50BVMB | RKS50BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 76 | 7.04 | 53 | 0.18 | 14+14 | 0.31 |

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RKS+FLKS50B

| Indoor unit | Outdoor unit | Power supply | | | | Compressor | | OFM | | IFM | |
|-------------|--------------|--------------|----------------------------------|-----|-----|------------|------|-----|------|-----|------|
| | | Hz-Volts | Voltage range | MCA | MFA | RHz | RLA | W | FLA | W | FLA |
| FLKS50BVMB | RKS50BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 75 | 7.00 | 53 | 0.18 | 34 | 0.54 |

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RKS+FFQ50B

RKS+FFQ60B

| Indoor unit | Outdoor unit | Power supply | | | | Compressor | | OFM | | IFM | |
|-------------|--------------|--------------|----------------------------------|-----|-----|------------|------|-----|------|-----|-----|
| | | Hz-Volts | Voltage range | MCA | MFA | RHz | RLA | W | FLA | W | FLA |
| FFQ50BV1B | RKS50BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 72 | 7.43 | 53 | 0.18 | 55 | 0.7 |
| FFQ60BV1B | RKS60BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 85 | 8.45 | 53 | 0.24 | 55 | 0.7 |

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SYMBOLS

| | |
|-----|---------------------------------|
| MCA | : Min. Circuit Amps (A) |
| MFA | : Max. Fuse Amps (A) |
| RHz | : Rated operating frequency(Hz) |
| RLA | : Rated Load Amps (A) |
| OFM | : Outdoor Fan Motor |
| IFM | : Indoor Fan Motor |
| FLA | : Full Load Amps |
| W | : Rated motor output (W) |

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19.0°CWB
Outdoor temp. : 35°CDB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. For more details concerning conditional connections, see <http://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button.
Finally, click on the document title of your choice.

2 Specifications



ELECTRICAL DATA

2

RKS+FHQ50B
RKS+FHQ60B

| Indoor unit | Outdoor unit | Power supply | | | | Compressor | | OFM | | IFM | |
|-------------|--------------|--------------|----------------------------------|-----|-----|------------|------|-----|------|-----|-----|
| | | Hz-Volts | Voltage range | MCA | MFA | RHz | RLA | W | FLA | W | FLA |
| FHQ50BUV1B | RKS50BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 79 | 7.5 | 53 | 0.18 | 62 | 0.6 |
| FHQ60BUV1B | RKS60BVMB9 | 50-230 | MAX. 50Hz 253V MIN. 50Hz 207V | 18 | 20 | 90 | 8.84 | 53 | 0.24 | 62 | 0.6 |

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SYMBOLS

| | |
|-----|---------------------------------|
| MCA | : Min. Circuit Amps (A) |
| MFA | : Max. Fuse Amps (A) |
| RHz | : Rated operating frequency(Hz) |
| RLA | : Rated Load Amps (A) |
| OFM | : Outdoor Fan Motor |
| IFM | : Indoor Fan Motor |
| FLA | : Full Load Amps |
| W | : Rated motor output (W) |

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19.0°CWB
Outdoor temp. : 35°CDB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. For more details concerning conditional connections, see <http://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button.
Finally, click on the document title of your choice.

3 Capacity tables



3 RKS+FTKS50B

| | |
|-----|------|
| AFR | 11.4 |
| BF | 0.22 |

Cooling capacity 230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|-------------|-------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 5.06 | 3.28 | 1.31 | 4.91 | 3.21 | 1.41 | 4.76 | 3.14 | 1.50 | 4.70 | 3.11 | 1.54 | 4.61 | 3.07 | 1.60 | 4.46 | 3.00 | 1.69 |
| 16.0 | 22 | 5.22 | 3.31 | 1.34 | 5.07 | 3.24 | 1.43 | 4.92 | 3.17 | 1.53 | 4.86 | 3.14 | 1.56 | 4.77 | 3.10 | 1.62 | 4.62 | 3.03 | 1.72 |
| 18.0 | 25 | 5.37 | 3.34 | 1.36 | 5.22 | 3.27 | 1.46 | 5.07 | 3.20 | 1.55 | 5.01 | 3.18 | 1.59 | 4.92 | 3.13 | 1.65 | 4.77 | 3.06 | 1.74 |
| 19.0 | 27 | 5.45 | 3.36 | 1.38 | 5.30 | 3.29 | 1.47 | 5.15 | 3.22 | 1.57 | 5.09 | 3.19 | 1.60 | 5.00 | 3.15 | 1.66 | 4.85 | 3.08 | 1.76 |
| 22.0 | 30 | 5.68 | 3.41 | 1.41 | 5.53 | 3.34 | 1.51 | 5.38 | 3.27 | 1.60 | 5.32 | 3.24 | 1.64 | 5.23 | 3.20 | 1.70 | 5.08 | 3.13 | 1.79 |
| 24.0 | 32 | 5.84 | 3.45 | 1.44 | 5.69 | 3.38 | 1.54 | 5.54 | 3.31 | 1.63 | 5.48 | 3.28 | 1.67 | 5.39 | 3.24 | 1.73 | 5.24 | 3.17 | 1.82 |

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RKS+FTKS60B

| | |
|-----|------|
| AFR | 16.2 |
| BF | 0.29 |

Cooling capacity 230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|-------------|-------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 6.06 | 3.97 | 1.77 | 5.91 | 3.90 | 1.87 | 5.76 | 3.83 | 1.96 | 5.70 | 3.80 | 2.00 | 5.61 | 3.76 | 2.06 | 5.46 | 3.69 | 2.15 |
| 16.0 | 22 | 6.22 | 4.00 | 1.80 | 6.07 | 3.93 | 1.89 | 5.92 | 3.86 | 1.99 | 5.86 | 3.83 | 2.02 | 5.77 | 3.79 | 2.08 | 5.62 | 3.72 | 2.18 |
| 18.0 | 25 | 6.37 | 4.03 | 1.82 | 6.22 | 3.96 | 1.92 | 6.07 | 3.89 | 2.01 | 6.01 | 3.87 | 2.05 | 5.92 | 3.82 | 2.11 | 5.77 | 3.75 | 2.20 |
| 19.0 | 27 | 6.45 | 4.05 | 1.84 | 6.30 | 3.98 | 1.93 | 6.15 | 3.91 | 2.03 | 6.09 | 3.88 | 2.06 | 6.00 | 3.84 | 2.12 | 5.85 | 3.77 | 2.22 |
| 22.0 | 30 | 6.68 | 4.10 | 1.87 | 6.53 | 4.03 | 1.97 | 6.38 | 3.96 | 2.06 | 6.32 | 3.93 | 2.10 | 6.23 | 3.89 | 2.16 | 6.08 | 3.82 | 2.25 |
| 24.0 | 32 | 6.84 | 4.14 | 1.90 | 6.69 | 4.07 | 2.00 | 6.54 | 4.00 | 2.09 | 6.48 | 3.97 | 2.13 | 6.39 | 3.93 | 2.19 | 6.24 | 3.86 | 2.28 |

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RKS+FTKS71B

| | |
|-----|------|
| AFR | 16.7 |
| BF | 0.27 |

Cooling capacity 230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|-------------|-------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 7.16 | 4.60 | 2.18 | 7.01 | 4.53 | 2.28 | 6.86 | 4.46 | 2.37 | 6.80 | 4.43 | 2.41 | 6.71 | 4.39 | 2.47 | 6.56 | 4.32 | 2.56 |
| 16.0 | 22 | 7.32 | 4.63 | 2.21 | 7.17 | 4.56 | 2.30 | 7.02 | 4.49 | 2.40 | 6.96 | 4.46 | 2.43 | 6.87 | 4.42 | 2.49 | 6.72 | 4.35 | 2.59 |
| 18.0 | 25 | 7.47 | 4.67 | 2.23 | 7.32 | 4.60 | 2.33 | 7.17 | 4.53 | 2.42 | 7.11 | 4.50 | 2.46 | 7.02 | 4.46 | 2.52 | 6.87 | 4.39 | 2.61 |
| 19.0 | 27 | 7.55 | 4.68 | 2.25 | 7.40 | 4.61 | 2.34 | 7.25 | 4.54 | 2.44 | 7.19 | 4.52 | 2.47 | 7.10 | 4.47 | 2.53 | 6.95 | 4.40 | 2.63 |
| 22.0 | 30 | 7.78 | 4.73 | 2.28 | 7.63 | 4.66 | 2.38 | 7.48 | 4.59 | 2.47 | 7.42 | 4.57 | 2.51 | 7.33 | 4.52 | 2.57 | 7.18 | 4.45 | 2.66 |
| 24.0 | 32 | 7.94 | 4.77 | 2.31 | 7.79 | 4.70 | 2.41 | 7.64 | 4.63 | 2.50 | 7.58 | 4.60 | 2.54 | 7.49 | 4.56 | 2.60 | 7.34 | 4.49 | 2.69 |

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RKS+FKKS50B

| | |
|-----|------|
| AFR | 10.8 |
| BF | 0.23 |

Cooling capacity 230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|-------------|-------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 4.86 | 3.15 | 1.35 | 4.71 | 3.08 | 1.45 | 4.56 | 3.01 | 1.54 | 4.50 | 2.98 | 1.58 | 4.41 | 2.94 | 1.64 | 4.26 | 2.87 | 1.73 |
| 16.0 | 22 | 5.02 | 3.18 | 1.38 | 4.87 | 3.11 | 1.47 | 4.72 | 3.04 | 1.57 | 4.66 | 3.02 | 1.60 | 4.57 | 2.97 | 1.66 | 4.42 | 2.90 | 1.76 |
| 18.0 | 25 | 5.17 | 3.22 | 1.40 | 5.02 | 3.15 | 1.50 | 4.87 | 3.08 | 1.59 | 4.81 | 3.05 | 1.63 | 4.72 | 3.01 | 1.69 | 4.57 | 2.94 | 1.78 |
| 19.0 | 27 | 5.25 | 3.23 | 1.42 | 5.10 | 3.16 | 1.51 | 4.95 | 3.09 | 1.61 | 4.89 | 3.07 | 1.64 | 4.80 | 3.02 | 1.70 | 4.65 | 2.95 | 1.80 |
| 22.0 | 30 | 5.48 | 3.29 | 1.45 | 5.33 | 3.22 | 1.55 | 5.18 | 3.15 | 1.64 | 5.12 | 3.12 | 1.68 | 5.03 | 3.08 | 1.74 | 4.88 | 3.01 | 1.83 |
| 24.0 | 32 | 5.64 | 3.32 | 1.48 | 5.49 | 3.25 | 1.58 | 5.34 | 3.18 | 1.67 | 5.28 | 3.15 | 1.71 | 5.19 | 3.11 | 1.77 | 5.04 | 3.04 | 1.86 |

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SYMBOLS

| | | |
|------|---------------------------|-----------------------|
| AFR: | Air flow rate | (m ³ /min) |
| BF: | Bypass factor | |
| EWB: | Entering wet bulb temp. | (°CWB) |
| EDB: | Entering dry bulb temp. | (°CDB) |
| TC: | Total capacity | (kW) |
| SHC: | Sensible heating capacity | (kW) |
| PI: | Power input | (kW) |

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC$ correction for other dry bulb
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1-BF) \times (DB-EDB)$
 Add SHC* to SHC.
- Capacities are based on following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.

3 Capacity tables



3

RKS+FLKS50B

| | |
|-----|------|
| AFR | 11.4 |
| BF | 0.18 |

Cooling capacity 230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|----------|----------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 4.96 | 3.26 | 1.37 | 4.81 | 3.19 | 1.47 | 4.66 | 3.12 | 1.56 | 4.60 | 3.09 | 1.60 | 4.51 | 3.05 | 1.66 | 4.36 | 2.98 | 1.75 |
| 16.0 | 22 | 5.12 | 3.30 | 1.40 | 4.97 | 3.23 | 1.49 | 4.82 | 3.16 | 1.59 | 4.76 | 3.13 | 1.62 | 4.67 | 3.09 | 1.68 | 4.52 | 3.02 | 1.78 |
| 18.0 | 25 | 5.27 | 3.33 | 1.42 | 5.12 | 3.26 | 1.52 | 4.97 | 3.19 | 1.61 | 4.91 | 3.16 | 1.65 | 4.82 | 3.12 | 1.71 | 4.67 | 3.05 | 1.80 |
| 19.0 | 27 | 5.35 | 3.35 | 1.44 | 5.20 | 3.28 | 1.53 | 5.05 | 3.21 | 1.63 | 4.99 | 3.18 | 1.66 | 4.90 | 3.14 | 1.72 | 4.75 | 3.07 | 1.82 |
| 22.0 | 30 | 5.58 | 3.40 | 1.47 | 5.43 | 3.33 | 1.57 | 5.28 | 3.26 | 1.66 | 5.22 | 3.23 | 1.70 | 5.13 | 3.19 | 1.76 | 4.98 | 3.12 | 1.85 |
| 24.0 | 32 | 5.74 | 3.43 | 1.50 | 5.59 | 3.36 | 1.60 | 5.44 | 3.29 | 1.69 | 5.38 | 3.26 | 1.73 | 5.29 | 3.22 | 1.79 | 5.14 | 3.15 | 1.88 |

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RKS+FFQ50B

| | |
|-----|------|
| AFR | 12.0 |
| BF | 0.16 |

Cooling capacity 230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|----------|----------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 4.76 | 3.51 | 1.45 | 4.61 | 3.44 | 1.55 | 4.46 | 3.37 | 1.64 | 4.40 | 3.34 | 1.68 | 4.31 | 3.30 | 1.74 | 4.16 | 3.23 | 1.83 |
| 16.0 | 22 | 4.92 | 3.54 | 1.48 | 4.77 | 3.47 | 1.57 | 4.62 | 3.40 | 1.67 | 4.56 | 3.38 | 1.70 | 4.47 | 3.33 | 1.76 | 4.32 | 3.26 | 1.86 |
| 18.0 | 25 | 5.07 | 3.58 | 1.50 | 4.92 | 3.51 | 1.60 | 4.77 | 3.44 | 1.69 | 4.71 | 3.41 | 1.73 | 4.62 | 3.37 | 1.79 | 4.47 | 3.30 | 1.88 |
| 19.0 | 27 | 5.15 | 3.59 | 1.52 | 5.00 | 3.52 | 1.61 | 4.85 | 3.45 | 1.71 | 4.79 | 3.43 | 1.74 | 4.70 | 3.38 | 1.80 | 4.55 | 3.31 | 1.90 |
| 22.0 | 30 | 5.38 | 3.65 | 1.55 | 5.23 | 3.58 | 1.65 | 5.08 | 3.51 | 1.74 | 5.02 | 3.48 | 1.78 | 4.93 | 3.44 | 1.84 | 4.78 | 3.37 | 1.93 |
| 24.0 | 32 | 5.54 | 3.68 | 1.58 | 5.39 | 3.61 | 1.68 | 5.24 | 3.54 | 1.77 | 5.18 | 3.51 | 1.81 | 5.09 | 3.47 | 1.87 | 4.94 | 3.40 | 1.96 |

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RKS+FFQ60B

| | |
|-----|------|
| AFR | 15.0 |
| BF | 0.11 |

Cooling capacity 230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|----------|----------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 5.86 | 4.30 | 1.72 | 5.71 | 4.23 | 1.82 | 5.56 | 4.16 | 1.91 | 5.50 | 4.13 | 1.95 | 5.41 | 4.09 | 2.01 | 5.26 | 4.02 | 2.10 |
| 16.0 | 22 | 6.02 | 4.34 | 1.75 | 5.87 | 4.27 | 1.84 | 5.72 | 4.20 | 1.94 | 5.66 | 4.17 | 1.97 | 5.57 | 4.13 | 2.03 | 5.42 | 4.06 | 2.13 |
| 18.0 | 25 | 6.17 | 4.37 | 1.77 | 6.02 | 4.30 | 1.87 | 5.87 | 4.23 | 1.96 | 5.81 | 4.20 | 2.00 | 5.72 | 4.16 | 2.06 | 5.57 | 4.09 | 2.15 |
| 19.0 | 27 | 6.25 | 4.39 | 1.79 | 6.10 | 4.32 | 1.88 | 5.95 | 4.25 | 1.98 | 5.89 | 4.22 | 2.01 | 5.80 | 4.18 | 2.07 | 5.65 | 4.11 | 2.17 |
| 22.0 | 30 | 6.48 | 4.44 | 1.82 | 6.33 | 4.37 | 1.92 | 6.18 | 4.30 | 2.01 | 6.12 | 4.27 | 2.05 | 6.03 | 4.23 | 2.11 | 5.88 | 4.16 | 2.20 |
| 24.0 | 32 | 6.64 | 4.47 | 1.85 | 6.49 | 4.40 | 1.95 | 6.34 | 4.33 | 2.04 | 6.28 | 4.30 | 2.08 | 6.19 | 4.26 | 2.14 | 6.04 | 4.19 | 2.23 |

3D041027

SYMBOLS

| | | |
|------|---------------------------|-----------------------|
| AFR: | Air flow rate | (m ³ /min) |
| BF: | Bypass factor | |
| EWB: | Entering wet bulb temp. | (°CWB) |
| EDB: | Entering dry bulb temp. | (°CDB) |
| TC: | Total capacity | (kW) |
| SHC: | Sensible heating capacity | (kW) |
| PI: | Power input | (kW) |

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.02 \times AFR \text{ (m}^3\text{/min)} \times (1-BF) \times (DB-EDB)$
 Add SHC* to SHC.
- Capacities are based on following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.

3 Capacity tables



3 RKS+FCQ50-60B

Cooling capacity

230V [50Hz]

| Outdoor | Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|---------|-------------|-------------|--------------------------|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 50 | 14.0 | 20.0 | 5.1 | 3.7 | 1.57 | 4.9 | 3.6 | 1.67 | 4.8 | 3.5 | 1.76 | 4.7 | 3.5 | 1.80 | 4.6 | 3.5 | 1.86 | 4.5 | 3.4 | 1.95 |
| | 16.0 | 22.0 | 5.2 | 3.7 | 1.60 | 5.1 | 3.6 | 1.69 | 4.9 | 3.6 | 1.79 | 4.9 | 3.5 | 1.83 | 4.8 | 3.5 | 1.88 | 4.6 | 3.4 | 1.98 |
| | 18.0 | 25.0 | 5.4 | 3.7 | 1.62 | 5.2 | 3.7 | 1.72 | 5.1 | 3.6 | 1.81 | 5.0 | 3.6 | 1.85 | 4.9 | 3.5 | 1.91 | 4.8 | 3.5 | 2.00 |
| | 19.0 | 27.0 | 5.5 | 3.8 | 1.64 | 5.3 | 3.7 | 1.73 | 5.2 | 3.6 | 1.83 | 5.1 | 3.6 | 1.87 | 5.0 | 3.6 | 1.92 | 4.9 | 3.5 | 2.02 |
| | 22.0 | 30.0 | 5.7 | 3.8 | 1.68 | 5.5 | 3.7 | 1.77 | 5.4 | 3.7 | 1.87 | 5.3 | 3.6 | 1.90 | 5.2 | 3.6 | 1.96 | 5.1 | 3.5 | 2.06 |
| | 24.0 | 32.0 | 5.8 | 3.8 | 1.70 | 5.7 | 3.8 | 1.80 | 5.5 | 3.7 | 1.89 | 5.5 | 3.7 | 1.93 | 5.4 | 3.6 | 1.99 | 5.2 | 3.6 | 2.08 |
| 60 | 14.0 | 20.0 | 5.8 | 4.5 | 1.84 | 5.6 | 4.4 | 1.94 | 5.5 | 4.3 | 2.03 | 5.4 | 4.3 | 2.07 | 5.3 | 4.3 | 2.13 | 5.2 | 4.2 | 2.22 |
| | 16.0 | 22.0 | 5.9 | 4.5 | 1.87 | 5.8 | 4.4 | 1.96 | 5.6 | 4.4 | 2.06 | 5.6 | 4.4 | 2.10 | 5.5 | 4.3 | 2.15 | 5.3 | 4.2 | 2.25 |
| | 18.0 | 25.0 | 6.1 | 4.6 | 1.89 | 5.9 | 4.5 | 1.99 | 5.8 | 4.4 | 2.08 | 5.7 | 4.4 | 2.12 | 5.6 | 4.3 | 2.18 | 5.5 | 4.3 | 2.27 |
| | 19.0 | 27.0 | 6.2 | 4.6 | 1.91 | 6.0 | 4.5 | 2.00 | 5.9 | 4.4 | 2.10 | 5.8 | 4.4 | 2.13 | 5.7 | 4.4 | 2.19 | 5.6 | 4.3 | 2.29 |
| | 22.0 | 30.0 | 6.4 | 4.6 | 1.95 | 6.2 | 4.6 | 2.04 | 6.1 | 4.5 | 2.14 | 6.0 | 4.5 | 2.17 | 5.9 | 4.4 | 2.23 | 5.8 | 4.3 | 2.33 |
| | 24.0 | 32.0 | 6.5 | 4.7 | 1.97 | 6.4 | 4.6 | 2.07 | 6.2 | 4.5 | 2.16 | 6.2 | 4.5 | 2.20 | 6.1 | 4.4 | 2.26 | 5.9 | 4.4 | 2.35 |

3TW25082-1

SYMBOLS

| | | |
|------|----------------------------------|-----------------------|
| AFR: | Air flow rate | (m ³ /min) |
| BF: | Bypass factor | |
| EWB: | Entering wet bulb temp. | (°CWB) |
| EDB: | Entering dry bulb temp. | (°CDB) |
| TC: | Total capacity | (kW) |
| SHC: | Sensible heating capacity | (kW) |
| PI: | Power input | (kW) |
| | (comp.+indoor+outdoor fan motor) | |

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.29 \times 60 \times AFR \text{ (m}^3\text{/min)} \times (1-BF) \times (DB-EDB)/860$
 Add SHC* to SHC.
- Capacities are based on following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate and BF are tabulated below.

| Model | | FCQ |
|-------|-----|------|
| 35 | AFR | 14 |
| | BF | 0.16 |
| 50 | AFR | 15 |
| | BF | 0.16 |
| 60 | AFR | 18 |
| | BF | 0.10 |

3 Capacity tables



RKS+FHQ50B

| | |
|-----|-----|
| AFR | 13 |
| BF | 0.1 |

3

Cooling capacity

230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|-------------|-------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 5.06 | 3.63 | 1.48 | 4.91 | 3.56 | 1.58 | 4.76 | 3.49 | 1.67 | 4.70 | 3.46 | 1.71 | 4.61 | 3.42 | 1.77 | 4.46 | 3.35 | 1.86 |
| 16.0 | 22 | 5.22 | 3.66 | 1.51 | 5.07 | 3.59 | 1.60 | 4.92 | 3.52 | 1.70 | 4.86 | 3.49 | 1.73 | 4.77 | 3.45 | 1.79 | 4.62 | 3.38 | 1.89 |
| 18.0 | 25 | 5.37 | 3.69 | 1.53 | 5.22 | 3.62 | 1.63 | 5.07 | 3.55 | 1.72 | 5.01 | 3.53 | 1.76 | 4.92 | 3.48 | 1.82 | 4.77 | 3.41 | 1.91 |
| 19.0 | 27 | 5.45 | 3.71 | 1.55 | 5.30 | 3.64 | 1.64 | 5.15 | 3.57 | 1.74 | 5.09 | 3.54 | 1.77 | 5.00 | 3.50 | 1.83 | 4.85 | 3.43 | 1.93 |
| 22.0 | 30 | 5.68 | 3.76 | 1.58 | 5.53 | 3.69 | 1.68 | 5.38 | 3.62 | 1.77 | 5.32 | 3.59 | 1.81 | 5.23 | 3.55 | 1.87 | 5.08 | 3.48 | 1.96 |
| 24.0 | 32 | 5.84 | 3.80 | 1.61 | 5.69 | 3.73 | 1.71 | 5.54 | 3.66 | 1.80 | 5.48 | 3.63 | 1.84 | 5.39 | 3.59 | 1.90 | 5.24 | 3.52 | 1.99 |

3D040601

RKS+FHQ60B

| | |
|-----|-----|
| AFR | 17 |
| BF | 0.2 |

Cooling capacity

230V [50Hz]

| Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|-------------|-------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 14.0 | 20 | 5.76 | 4.17 | 1.80 | 5.61 | 4.10 | 1.90 | 5.46 | 4.03 | 1.99 | 5.40 | 4.00 | 2.03 | 5.31 | 3.96 | 2.09 | 5.16 | 3.89 | 2.18 |
| 16.0 | 22 | 5.92 | 4.21 | 1.83 | 5.77 | 4.14 | 1.92 | 5.62 | 4.07 | 2.02 | 5.56 | 4.04 | 2.05 | 5.47 | 4.00 | 2.11 | 5.32 | 3.93 | 2.21 |
| 18.0 | 25 | 6.07 | 4.24 | 1.85 | 5.92 | 4.17 | 1.95 | 5.77 | 4.10 | 2.04 | 5.71 | 4.07 | 2.08 | 5.62 | 4.03 | 2.14 | 5.47 | 3.96 | 2.23 |
| 19.0 | 27 | 6.15 | 4.26 | 1.87 | 6.00 | 4.19 | 1.96 | 5.85 | 4.12 | 2.06 | 5.79 | 4.09 | 2.09 | 5.70 | 4.05 | 2.15 | 5.55 | 3.98 | 2.25 |
| 22.0 | 30 | 6.38 | 4.31 | 1.90 | 6.23 | 4.24 | 2.00 | 6.08 | 4.17 | 2.09 | 6.02 | 4.14 | 2.13 | 5.93 | 4.10 | 2.19 | 5.78 | 4.03 | 2.28 |
| 24.0 | 32 | 6.54 | 4.34 | 1.93 | 6.39 | 4.27 | 2.03 | 6.24 | 4.20 | 2.12 | 6.18 | 4.17 | 2.16 | 6.09 | 4.13 | 2.22 | 5.94 | 4.06 | 2.31 |

3D040604

SYMBOLS

| | | |
|------|---------------------------|-----------------------|
| AFR: | Air flow rate | (m ³ /min) |
| BF: | Bypass factor | |
| EWB: | Entering wet bulb temp. | (°CWB) |
| EDB: | Entering dry bulb temp. | (°CDB) |
| TC: | Total capacity | (kW) |
| SHC: | Sensible heating capacity | (kW) |
| PI: | Power input | (kW) |

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.02 \times AFR \text{ (m}^3\text{/min)} \times (1 - BF) \times (DB - EDB)$
 Add SHC* to SHC.
- Capacities are based on following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.

3 Capacity tables



3 RKS+FBQ50-60B

Cooling capacity

230V [50Hz]

| Outdoor | Indoor | | Outdoor temperature (°C) | | | | | | | | | | | | | | | | | |
|---------|-------------|-------------|--------------------------|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | EWB (°C) | EDB (°C) | 20 | | | 25 | | | 30 | | | 32 | | | 35 | | | 40 | | |
| | | | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI | TC | SHC | PI |
| 50 | 14.0 | 20.0 | 5.1 | 3.6 | 1.57 | 4.9 | 3.5 | 1.67 | 4.8 | 3.4 | 1.76 | 4.7 | 3.4 | 1.80 | 4.6 | 3.4 | 1.86 | 4.5 | 3.3 | 1.95 |
| | 16.0 | 22.0 | 5.2 | 3.6 | 1.60 | 5.1 | 3.5 | 1.69 | 4.9 | 3.5 | 1.79 | 4.9 | 3.4 | 1.83 | 4.8 | 3.4 | 1.88 | 4.6 | 3.3 | 1.98 |
| | 18.0 | 25.0 | 5.4 | 3.6 | 1.62 | 5.2 | 3.6 | 1.72 | 5.1 | 3.5 | 1.81 | 5.0 | 3.5 | 1.85 | 4.9 | 3.4 | 1.91 | 4.8 | 3.4 | 2.00 |
| | 19.0 | 27.0 | 5.5 | 3.7 | 1.64 | 5.3 | 3.6 | 1.73 | 5.2 | 3.5 | 1.83 | 5.1 | 3.5 | 1.87 | 5.0 | 3.5 | 1.92 | 4.9 | 3.4 | 2.02 |
| | 22.0 | 30.0 | 5.7 | 3.7 | 1.68 | 5.5 | 3.6 | 1.77 | 5.4 | 3.6 | 1.87 | 5.3 | 3.5 | 1.90 | 5.2 | 3.5 | 1.96 | 5.1 | 3.4 | 2.06 |
| | 24.0 | 32.0 | 5.8 | 3.7 | 1.70 | 5.7 | 3.7 | 1.80 | 5.5 | 3.6 | 1.89 | 5.5 | 3.6 | 1.93 | 5.4 | 3.5 | 1.99 | 5.2 | 3.5 | 2.08 |
| 60 | 14.0 | 20.0 | 5.8 | 4.6 | 1.84 | 5.6 | 4.6 | 1.94 | 5.5 | 4.5 | 2.03 | 5.4 | 4.5 | 2.07 | 5.3 | 4.4 | 2.13 | 5.2 | 4.3 | 2.22 |
| | 16.0 | 22.0 | 5.9 | 4.7 | 1.87 | 5.8 | 4.6 | 1.96 | 5.6 | 4.5 | 2.06 | 5.6 | 4.5 | 2.10 | 5.5 | 4.5 | 2.15 | 5.3 | 4.4 | 2.25 |
| | 18.0 | 25.0 | 6.1 | 4.7 | 1.89 | 5.9 | 4.6 | 1.99 | 5.8 | 4.6 | 2.08 | 5.7 | 4.5 | 2.12 | 5.6 | 4.5 | 2.18 | 5.5 | 4.4 | 2.27 |
| | 19.0 | 27.0 | 6.2 | 4.7 | 1.91 | 6.0 | 4.6 | 2.00 | 5.9 | 4.6 | 2.10 | 5.8 | 4.5 | 2.13 | 5.7 | 4.5 | 2.19 | 5.6 | 4.4 | 2.29 |
| | 22.0 | 30.0 | 6.4 | 4.8 | 1.95 | 6.2 | 4.7 | 2.04 | 6.1 | 4.6 | 2.14 | 6.0 | 4.6 | 2.17 | 5.9 | 4.6 | 2.23 | 5.8 | 4.5 | 2.33 |
| | 24.0 | 32.0 | 6.5 | 4.8 | 1.97 | 6.4 | 4.7 | 2.07 | 6.2 | 4.7 | 2.16 | 6.2 | 4.6 | 2.20 | 6.1 | 4.6 | 2.26 | 5.9 | 4.5 | 2.35 |

3TW25112-1

SYMBOLS

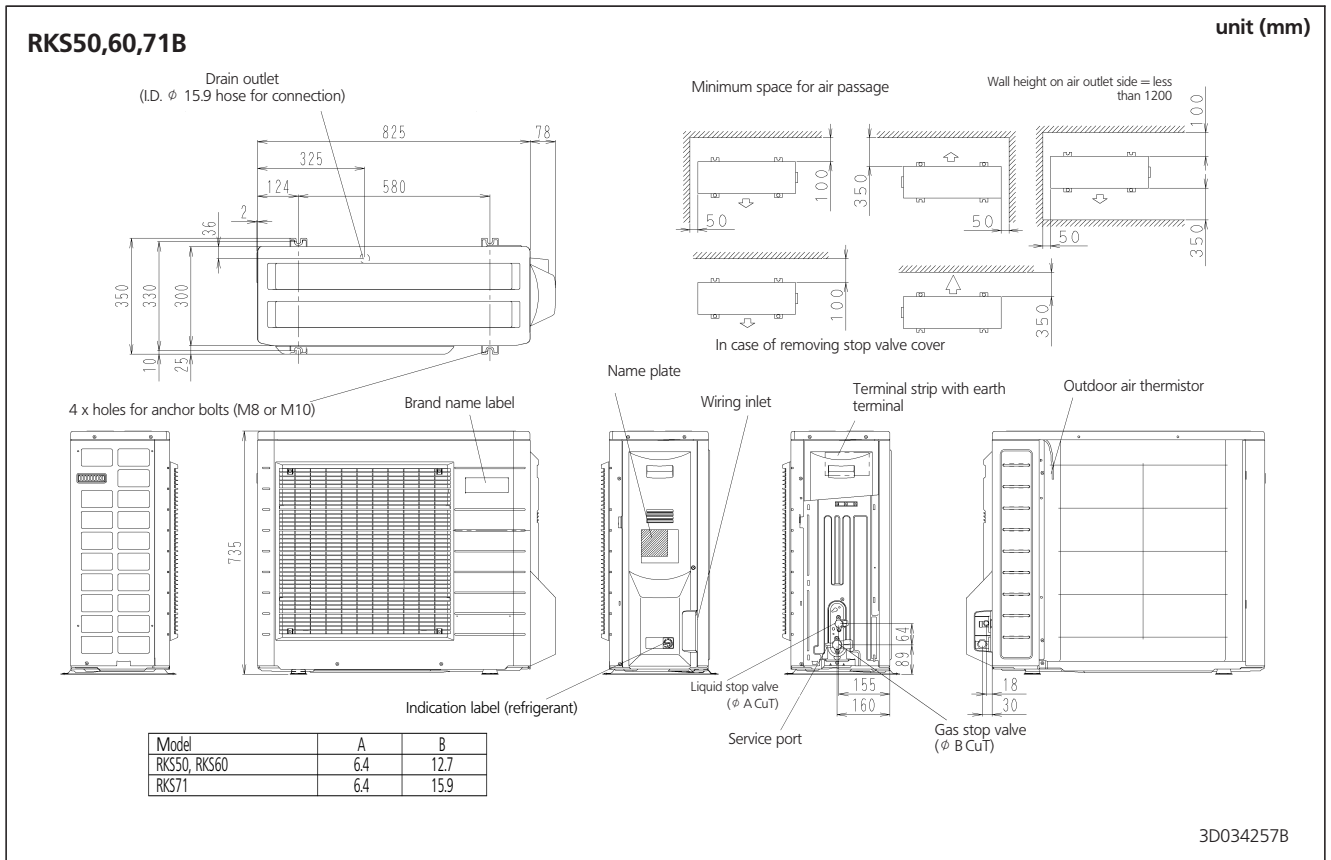
| | | |
|------|----------------------------------|-----------------------|
| AFR: | Air flow rate | (m ³ /min) |
| BF: | Bypass factor | |
| EWB: | Entering wet bulb temp. | (°CWB) |
| EDB: | Entering dry bulb temp. | (°CDB) |
| TC: | Total capacity | (kW) |
| SHC: | Sensible heating capacity | (kW) |
| PI: | Power input | (kW) |
| | (comp.+indoor+outdoor fan motor) | |

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.29 \times 60 \times AFR \text{ (m}^3\text{/min)} \times (1-BF) \times (DB-EDB)/860$
 Add SHC* to SHC.
- Direct interpolation is permissible.
Do not extrapolate.
- Capacities are based on following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m
- Air flow rate and BF are tabulated below.

| Model | | FBQ |
|-------|-----|------|
| 35 | AFR | 11.5 |
| | BF | 0.15 |
| 50 | AFR | 14 |
| | BF | 0.15 |
| 60 | AFR | 19 |
| | BF | 0.11 |

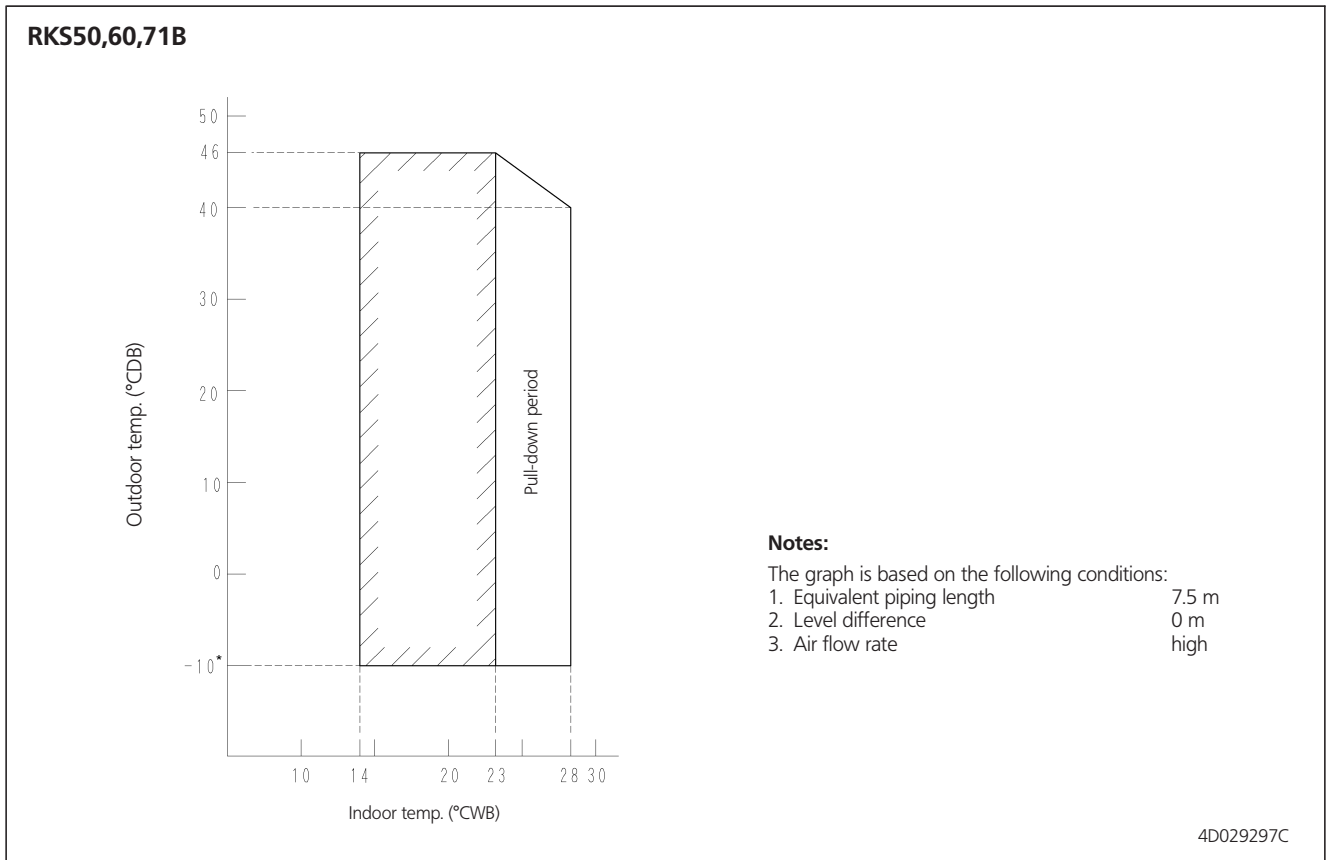
4 Dimensional drawings



5 Operation range

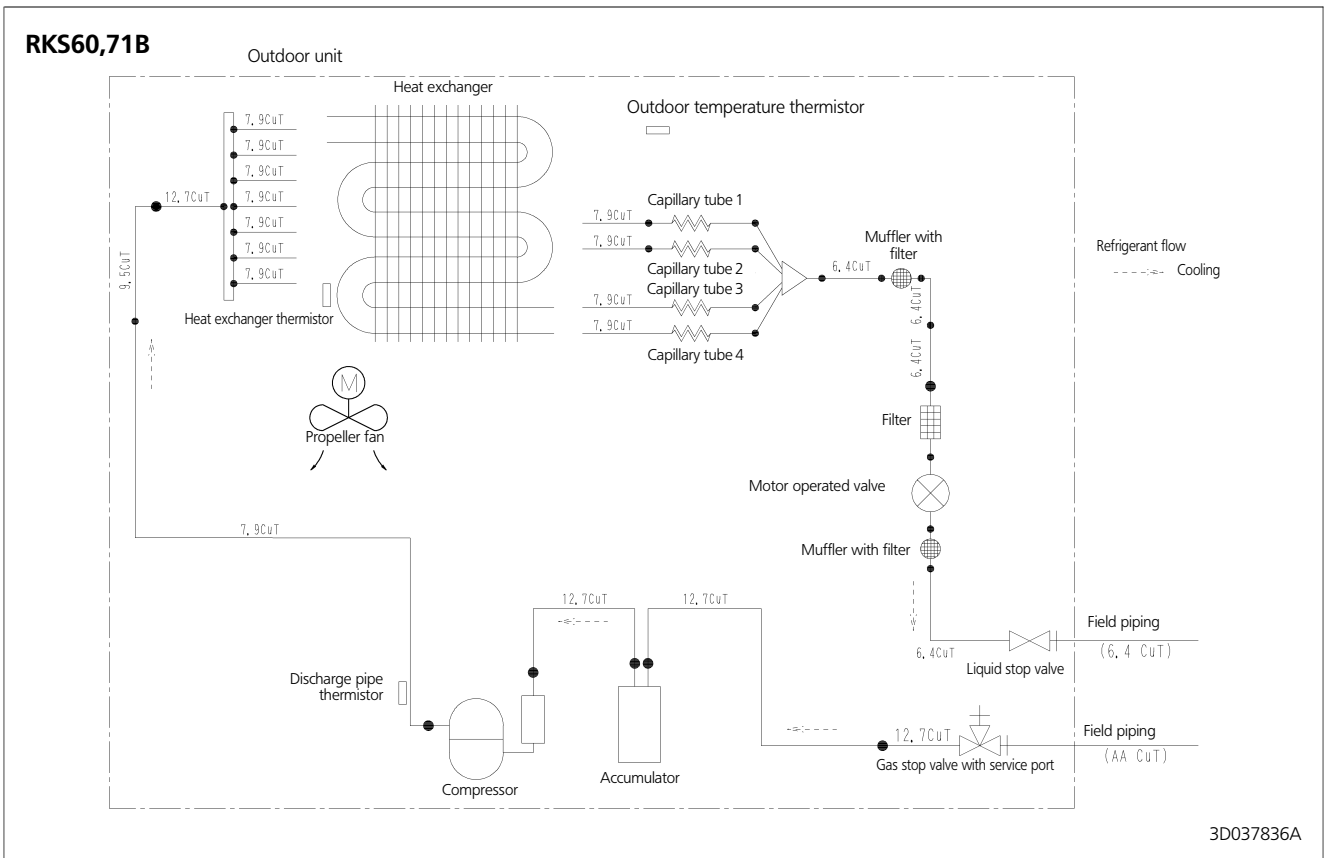
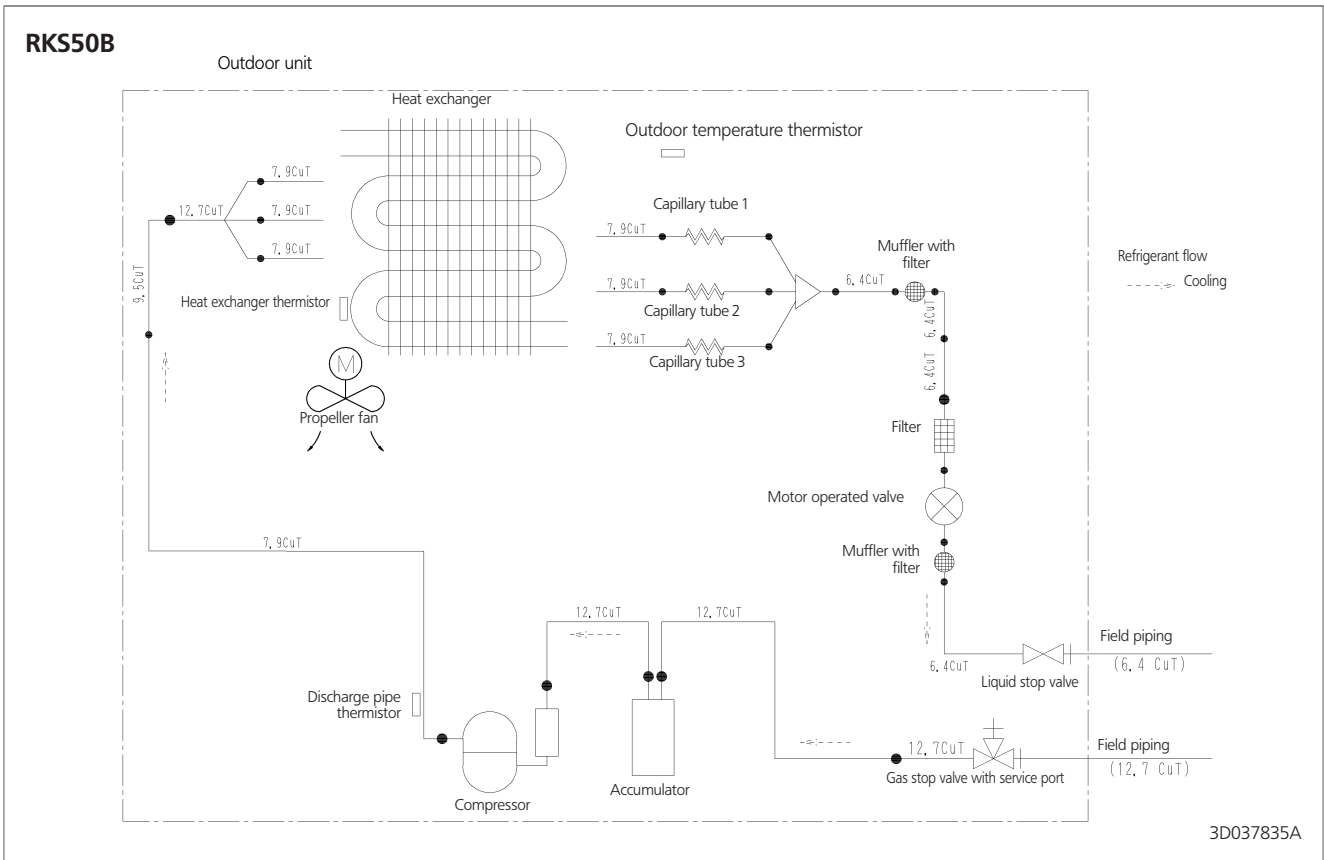


5



* Possibility to extend the operation range down to -15°C by turning on the switch on the outdoor unit PCB. In this case, the unit will stop operation at -20°C or lower and will recover when temperature rises again.

6 Piping diagrams

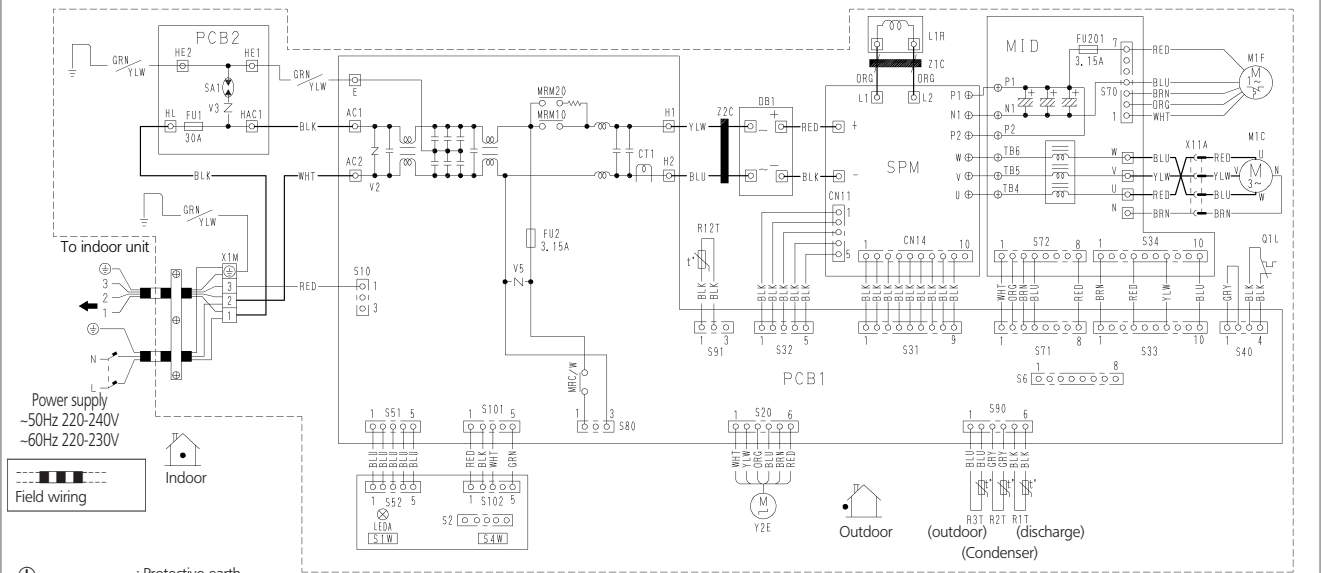


7 Wiring diagrams



7

RKS50,60,71B



- ⊕ : Protective earth
- Z1C, Z2C : Ferrite core
- X1M : Terminal strip
- Y2E : Electronic expansion valve coil
- V2-V5 : Varistor
- F1U, F2U, FU201 : Fuse
- HE1, HE2, HAC1, E, AC1, AC2 : Connector
- H1, H2, HL : Connector
- L1, L2, X11A : Connector
- M1R10, M1R20, M1R30 : Magnetic relay

- R1T-R3T : Thermistor
- S2-S102 : Connector
- LEDA : Pilot lamp
- PCB1, PCB2 : Printed circuit board
- L : Live
- N : Neutral
- S1W : Forced operation on/off switch (SW1)
- S4W : Local setting
- SA1 : Surge arrester

- DB1 : Diode bridge
- M1C : Compressor motor
- M1F : Fan motor
- L1R : Reactor
- Q1L : Overload protector
- CT1 : Current transformer
- MID : Molded interconnect device
- SPM : System power module

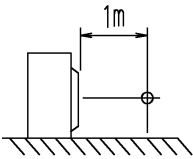
3D037866D

8 Sound level



8-1 Sound level data

Cooling only

| Model | Sound pressure level | | Measuring location  | Sound power level (cooling) |
|--------|----------------------|---|--|--------------------------------|
| | 230V, 50Hz | | | |
| | Cooling | | | |
| | H | L | | |
| RKS50B | 47 | * | | 63 |
| RKS60B | 49 | * | | 64 |
| RKS71B | 52 | * | | 66 |

* This information was not available at the time of publication.

8 Sound level

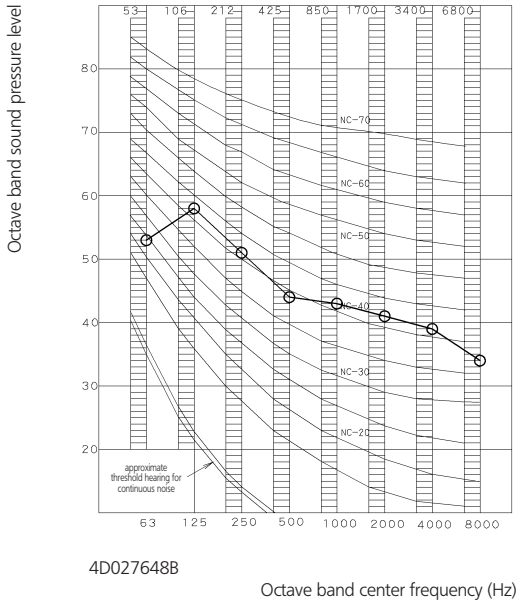
8-2 Sound pressure spectrum



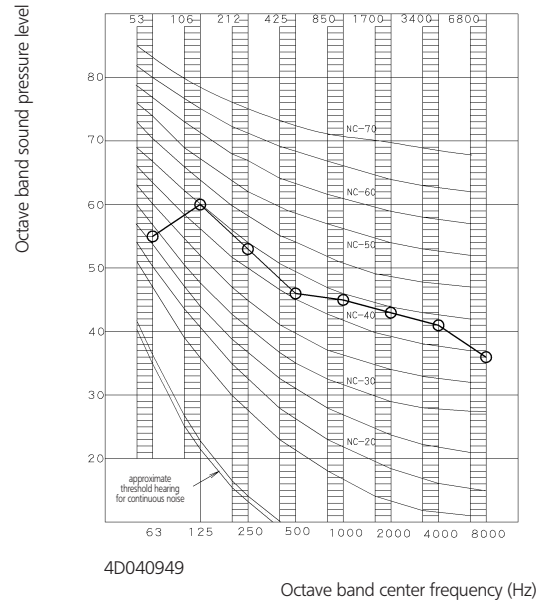
8 Cooling only

8-2

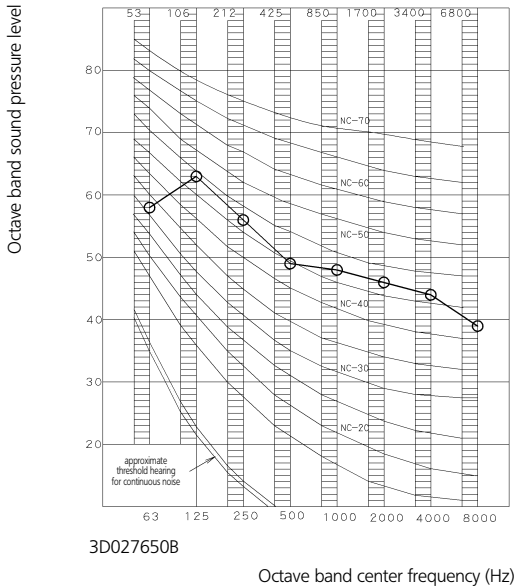
RKS50B



RKS60B



RKS71B



Legend

○—○ 50/60Hz, 220-240/220-230V

NOTES

- 1 Operation sound is measured in an anechoic chamber.
- 2 Operation sound level differs with operation and ambient conditions.
- 3 Reference acoustic pressure 0dB = 20Pa



9 Accessories

9-1 Standard accessories

RKS-B

| Accessories supplied with the outdoor unit: | |
|---|---|
| Installation manual | 1 |

9

9-1

9-2 Optional accessories

RKS-B

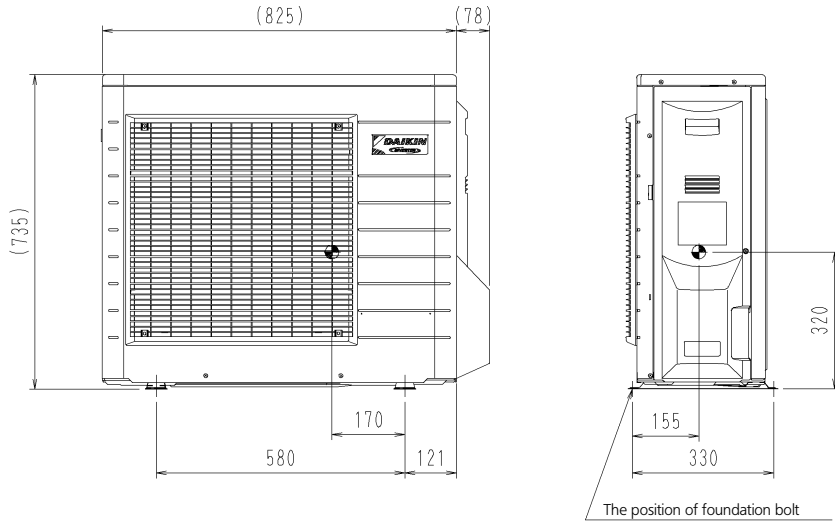
| | RKS50BVMB9 | RKS60BVMB9 | RKS71BVMB9 |
|---------------------------------|------------|------------|------------|
| Air direction adjustment grille | KPW945A4 | | |

10 Center of gravity



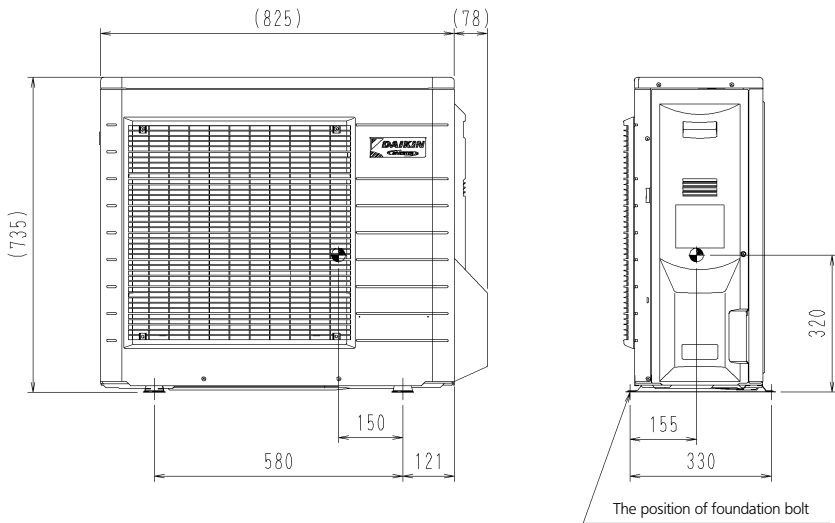
10

RKS50,60B



4D042259

RKS71B



4D042258A

11 Installation



RKS50,60,71B

Outdoor unit installation drawings

| Model | 50 class | 60 class | 71 class |
|--|--------------|-------------|----------|
| Max. allowable length | 30m | | |
| Max. allowable height | 20m | | |
| Additional refrigerant required for refrigerant pipe exceeding 10 m in length. | 20 g/m | | |
| Gas pipe | O.D. 12.7 mm | O.D. 9.5 mm | |
| Liquid pipe | O.D. 6.4 mm | | |

* Be sure to add the proper amount of additional refrigerant. Failure to do so may result in reduced performance.

In sites with poor drainage, use block bases for outdoor unit. Adjust foot height until the unit is leveled. Otherwise, water leakage or pooling of water may occur.

