

Specifications

FTKC Series

| Model name | Indoor unit | | FTKC25TAV1N | FTKC35TAV1N | FTKC50TAV1N | FTKC60TAV1N | FTKC71TAV1N | |
|-----------------------|----------------------|---------------------------|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | Outdoor unit | | RKC25TAV1N | RKC35TAV1N | RKC50TAV1N | RKC60TAV1N | RKC71TAV1N | |
| Capacity | Rated (Min.-Max.) | kW | 2.5 (1.0-3.4) | 3.5 (1.3-4.1) | 5.2 (1.4-6.0) | 6.0 (1.4-6.7) | 7.1 (2.1-7.5) | |
| | | Btu/h | 8,500 (3,400-11,600) | 11,900 (4,400-14,000) | 17,700 (4,800-20,500) | 20,500 (4,800-22,900) | 24,200 (7,200-25,600) | |
| Power supply | | | 1 phase, 220-240 V, 50 Hz | | | | | |
| Running current | Rated | A | 3.2 | 4.5 | 6.3 | 8.0 | 10.9 | |
| Power consumption | Rated (Min.-Max.) | W | 680 (210-1,100) | 960 (250-1,455) | 1,365 (260-1,730) | 1,740 (300-2,060) | 2,365 (400-2,550) | |
| CSPF | | | 5.40 | 5.35 | 5.73 | 5.49 | 5.40 | |
| COP | | | 3.67 | 3.65 | 3.80 | 3.45 | 3.00 | |
| Indoor unit | | | FTKC25TAV1N | FTKC35TAV1N | FTKC50TAV1N | FTKC60TAV1N | FTKC71TAV1N | |
| Front panel colour | | | Shiny pure white | | | | | |
| Airflow rate | H | m ³ /min (cfm) | 9.9 (350) | 10.8 (381) | 16.7 (590) | | 17.3 (611) | |
| Fan speed | | | 5 steps, quiet and automatic | | | | | |
| Sound pressure levels | H/L/SL | dB(A) | 39/25/19 | 39/26/22 | 44/35/29 | 45/36/29 | 46/37/31 | |
| Dimensions | H x W x D | mm | 285 x 770 x 226 | | | 295 x 990 x 266 | | |
| Machine weight | | kg | 8 | | | 13 | | |
| Outdoor unit | | | RKC25TAV1N | RKC35TAV1N | RKC50TAV1N | RKC60TAV1N | RKC71TAV1N | |
| Casing colour | | | Ivory white | | | | | |
| Compressor | Type | | Hermetically sealed swing type | | | | | |
| | Motor output | W | 500 | 700 | 1,200 | | 1,300 | |
| Refrigerant | Type | | R-32 | | | | | |
| | Charge volume | kg | 0.50 | 0.70 | 1.00 | | 1.05 | |
| Sound pressure levels | H/SL | dB(A) | 47/44 | 49/45 | 49/43 | 50/43 | 51/46 | |
| Dimensions | H x W x D | mm | 550 x 658 x 275 | | | 595 x 845 x 300 | | |
| Machine weight | | kg | 23 | 26 | 36 | | 40 | |
| Operation range | | °CDB | 19.4 to 46.0 | | | | | |
| Piping connection | Liquid | mm | ø6.4 | | | | | |
| | Gas | | ø9.5 | | ø12.7 | | | ø15.9 |
| | Drain | | ø16.0 | | | | | |
| Max. piping length | | m | 15 | | | 30 | | |
| Max. level difference | | | 12 | | | 20 | | |

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 in 1 above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.