

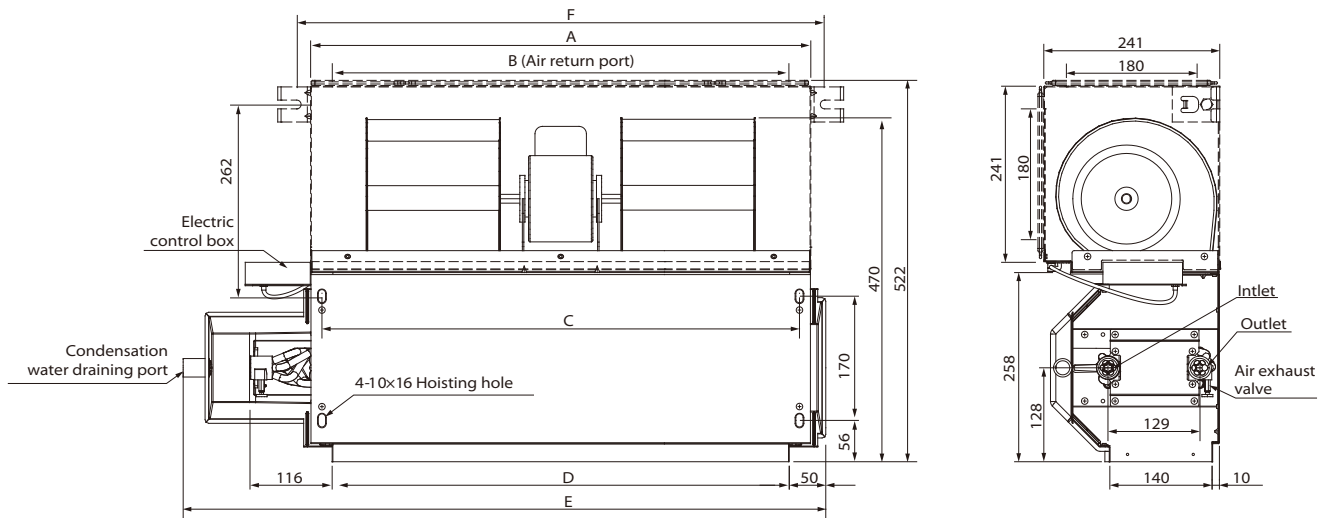
Three-row Duct Two-pipe AC Fan Coil Unit

Features

- ❖ Wide external static pressure supplying
- ❖ Left or right hand piping connection
- ❖ Quiet operation
- ❖ Superior air distribution
- ❖ Fresh air
- ❖ Air return plenum
- ❖ V type drain tray
- ❖ Auxiliary electric heater
- ❖ Washable filter
- ❖ Optional wired controller
- ❖ Wide application range



Dimensions



| Size \ Model | 200-Model | 300-Model | 400-Model 500-Model | 600-Model | 800-Model | 1000-Model | 1200-Model | 1400-Model |
|--------------|-----------|-----------|------------------------|-----------|-----------|------------|------------|------------|
| A | 545 | 645 | 745 | 965 | 1265 | 1370 | 1660 | 1826 |
| B | 485 | 585 | 685 | 905 | 1205 | 1310 | 1600 | 1766 |
| C | 513 | 613 | 713 | 933 | 1233 | 1338 | 1628 | 1794 |
| D | 485 | 585 | 685 | 905 | 1205 | 1310 | 1600 | 1766 |
| E | 741 | 841 | 941 | 1161 | 1461 | 1566 | 1856 | 2022 |
| F | 583 | 683 | 783 | 1003 | 1303 | 1408 | 1698 | 1864 |

Specifications

| Model | | MKT3-200G12 MKT3-200G30 MKT3-200EG30 | MKT3-300G12 MKT3-300G30 MKT3-300EG30 | MKT3-400G12 MKT3-400G30 MKT3-400EG30 | MKT3-500G12 MKT3-500G30 MKT3-500EG30 | MKT3-600G12 MKT3-600G30 MKT3-600EG30 | MKT3-800G12 MKT3-800G30 MKT3-800EG30 | MKT3-1000G12 MKT3-1000G30 MKT3-1000EG30 | MKT3-1200G12 MKT3-1200G30 MKT3-1200EG30 | MKT3-1400G12 MKT3-1400G30 MKT3-1400EG30 | | |
|-----------------------------------|-----------------------|--|--|--|--|--|--|---|---|---|----------------|--|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | | | | | | | | |
| Air flow (H/M/L) | m ³ /h | 340/255/170 | 510/385/255 | 680/510/340 | 850/640/425 | 1,020/765/510 | 1,360/1,020/680 | 1,700/1275/850 | 2,040/1,530/1,020 | 2,380/1,785/1,190 | | |
| | CFM | 200/150/100 | 300/225/150 | 400/300/200 | 500/375/250 | 600/450/300 | 800/600/400 | 1,000/750/500 | 1,200/900/600 | 1,400/1,050/700 | | |
| Standard external static pressure | Pa | G12 models: 12; G30 models: 30 | | | | | | G12 models: 12; G30 models: 30 | | | | |
| Cooling | Capacity (H/M/L) | kW | 2.2/1.9/1.68 | 3.1/2.7/2.3 | 4.3/4.2/9.5 | 4.6/3.96/3.45 | 5.8/4.88/4.45 | 8.2/6.88/6.25 | 9/7.8/6.57 | 11/9.8/8.35 | 12.5/10.8/9.44 | |
| | Water flow rate | L/h | 378 | 533 | 688 | 791 | 998 | 1410 | 1548 | 1892 | 2150 | |
| | Water pressure drop | kPa | 14 | 26 | 18 | 24 | 36 | 39 | 32 | 39 | 45 | |
| Heating | Capacity (H/M/L) | kW | 3.5/3.08/2.59 | 5.3/4.61/3.98 | 6.8/5.85/5.1 | 7.9/6.95/6 | 9.8/8.6/7.4 | 13.6/11.97/10.2 | 16/14.24/12 | 20.1/18.27/15.43 | 21/18.7/15.75 | |
| | Water pressure drop | kPa | 10.5 | 21.8 | 16.9 | 22.3 | 31.6 | 33.8 | 30.7 | 34.6 | 40.1 | |
| Power input | 12Pa (H/M/L) | W | 33/25/22 | 53/41/35 | 66/53/48 | 87/53/44 | 100/65/55 | 145/121/108 | 180/114/97 | 210/140/120 | 222/179/155 | |
| | 30Pa (H/M/L) | W | 49/37/33 | 64/49/42 | 75/61/54 | 93/56/47 | 114/74/63 | 154/129/114 | 180/114/97 | 220/147/126 | 278/224/194 | |
| Auxiliary electric heater (AEH) | W | 550 | 650 | 1100 | 1100 | 1600 | 2200 | 3200 | 3200 | 3200 | | |
| Sound pressure level | 12Pa (H/M/L) | dB(A) | 35/32/26 | 36/33/27 | 37/34/28 | 40/36/30 | 42/38/32 | 43/39/33 | 45/41/35 | 46/42/36 | 48/44/38 | |
| | 30Pa (H/M/L) | dB(A) | 41/37/31 | 42/38/32 | 43/39/33 | 44/40/34 | 45/41/35 | 46/42/36 | 47/43/37 | 48/44/38 | 49/45/39 | |
| Coil | Row | 3 | | | | | | 3 | | | | |
| | Max. working pressure | MPa | 1.6 | | | | | | 1.6 | | | |
| | Diameter | mm | Ø9.52 | | | | | | Ø9.52 | | | |
| Net dimensions (WxHxD) | mm | 741x241x522 | 841x241x522 | 941x241x522 | 941x241x522 | 1,161x241x522 | 1,461x241x522 | 1,566x241x522 | 1,856x241x522 | 2,022x241x522 | | |
| Packing size (WxHxD) | mm | 790x260x550 | 890x260x550 | 990x260x550 | 990x260x550 | 1,210x260x550 | 1,510x260x550 | 1,615x260x550 | 1,905x260x550 | 2,070x260x550 | | |
| Net weight (non-AEH/with-AEH) | kg | 14.6/16.1 | 17/18.5 | 20.2/21.7 | 20.2/21.7 | 23/25 | 31.9/34.4 | 34.4/37.4 | 39.5/43 | 43.1/47.1 | | |
| Gross weight (non-AEH/with-AEH) | kg | 16.9/18.4 | 19.5/21 | 22.6/24.1 | 22.6/24.1 | 26/28 | 35.5/38 | 38.1/41.1 | 43/46.5 | 48.4/52.4 | | |
| Water inlet/outlet pipe | inch | RC3/4 | | | | | | RC3/4 | | | | |
| Drain pipe | mm | R3/4 | | | | | | R3/4 | | | | |

- Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
- Heating conditions: Entering water 50°C, the same water flow as the cooling conditions, Entering air temperature 20°C DB.
- Noise is test in a semi-anechoic test room.



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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.