| Indoor | | | PISO TECHO | CASSETTE | FAN&COIL | PISO TECHO | CASSETTE | FAN&COIL | PISO TECHO | CASSETTE | FAN&COIL | PISO TECHO | CASSETTE | FAN&COIL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Market Model | | | MFM-F182C/DLN1 | MFM-F182C/Q4N1 | MFM-F182C/T2N1 | MFM-F242C/DLN1 | MFM-F242C/Q4N1 | MFM-F242C/T2N1 | MFM-F362C/DLN1 | MFM-F362C/Q4N1 | MFM-F362C/T2N1 | MFM-F363C/DLN1 | MFM-F363C/Q4N1 | MFM-F363C/T2N1 |
| Power supply | Voltage type | / | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph |
| | Supply frequency | / | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz |
| Fan motor | Model | / | YKSS-55-4-9-3 | YKT-42-6-6 | YKSS-74-4-16-1 | YKSS-115-4-1-2 | YKS-125-6-6 | YKSS-115-4-21 | YKSS-85-4-1L-2 | YKS-125-6-6 | YKSS-115-4-21 | YKSS-85-4-1L-2 | YKS-125-6-6 | YKSS-115-4-21 |
| | Input | W | 175.0 | 81.0 | 163.0 | 236.0 | 242.0 | 253.0 | 166.0 | 242.0 | 253.0 | 166.0 | 242.0 | 253.0 |
| | RLA (Rated current) | A | 0.77 | 0.46 | 0.9 | 1.03 | 1.05 | 1.095 | 0.72 | 1.05 | 1.095 | 0.72 | 1.05 | 1.095 |
| | LRA (Locked rotor amp) | A | / | / | 1.08 | / | / | 1.53 | / | / | 1.53 | / | / | 1.53 |
| | Speed(Hi/Mi/Lo) | r/min | 1250/980/810 | 650/580/510/430 | 920/760/640/570 | 1263/1123/1000 | 780/715/600/550 | 1050/900/750/650 | 1435/1295/1165 | 780/600/550 | 1050/900/750/650 | 1435/1295/1165 | 780/600/550 | 1050/900/750/650 |
| | Capacitor | μF | 2.5 | 2.5 | 3.5 | 5 | 3.5 | 5 | 2.5 | 4.5 | 8 | 2.5 | 4.5 | 8 |
| | Capacitor class | / | P2 | P2 | P2 | P2 | P0 | P2 | P2 | P2 | P2 | P2 | P2 | P2 |
| | Winding resistance | Ω | / | / | 66 | / | / | 27.5 | / | / | 27.5 | / | / | 27.5 |
| | Insulation class | / | E | B | B | B | B | F | B | B | F | B | B | F |
| | Waterproofing class | / | / | / | / | / | / | / | / | / | / | / | / | / |
| Evaporator | Number of rows | / | 3.0 | 2.0 | 4.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4 | 3.0 | 3.0 | 4 |
| | Tube outside dia | mm | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 |
| | Tube outside type | / | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube |
| | Tube pitch(a)x row pitch(b) | mm | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.3 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 |
| | Fin type (code) | / | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum |
| | Coil length x height x width | mm | 795x294x40.11 | 2010x168x26.74 | 695x252x53.48 | 935x294x26.74 | 2010x210x26.74 | 915x294x40.11 | 1300x294x40.11 | 2080x252x40.11 | 915x294x53.48 | 1300x294x40.11 | 2080x252x40.11 | 915x294x53.48 |
| | Number of circuits | / | 7 | 8 | 6 | 6 | 10 | 7 | 10 | 12 | 7 | 10 | 12 | 7 |
| Dimension(W*D*H) | Body_Length(W) | mm | 1068 | 840 | 880 | 1285 | 840 | 1100 | 1650 | 840 | 1100 | 1650 | 840 | 1100 |
| | | inch | 42.05 | 33.07 | 34.65 | 50.59 | 33.07 | 43.31 | 64.96 | 33.07 | 43.31 | 64.96 | 33.07 | 43.31 |
| | Body_Width(D) | mm | 675 | 840 | 674 | 675 | 840 | 774 | 675 | 840 | 774 | 675 | 840 | 774 |
| | | inch | 26.57 | 33.07 | 26.54 | 26.57 | 33.07 | 30.47 | 26.57 | 33.07 | 30.47 | 26.57 | 33.07 | 30.47 |
| | Body_Height(H) | mm | 235 | 205 | 210 | 235 | 245 | 249 | 235 | 287 | 249 | 235 | 287 | 249 |
| | | inch | 9.25 | 8.07 | 8.27 | 9.25 | 9.65 | 9.80 | 9.25 | 11.30 | 9.80 | 9.25 | 11.30 | 9.80 |
| Packing(W*D*H) | Packing_Length(W) | mm | 1145 | 955 | 1070 | 1360 | 900 | 1305 | 1725 | 955 | 1305 | 1725 | 955 | 1305 |
| | | inch | 45.08 | 37.60 | 42.13 | 53.54 | 35.43 | 51.38 | 67.91 | 37.60 | 51.38 | 67.91 | 37.60 | 51.38 |
| | Packing_Width(D) | mm | 755 | 955 | 725 | 755 | 900 | 805 | 755 | 955 | 805 | 755 | 955 | 805 |
| | | inch | 29.72 | 37.60 | 28.54 | 29.72 | 35.43 | 31.69 | 29.72 | 37.60 | 31.69 | 29.72 | 37.60 | 31.69 |
| | Packing_Height(H) | mm | 318 | 217 | 280 | 318 | 265 | 315 | 318 | 307 | 315 | 318 | 307 | 315 |
| | | inch | 12.32 | 8.54 | 10.63 | 12.32 | 10.12 | 12.01 | 12.32 | 11.50 | 12.01 | 12.32 | 11.50 | 12.01 |
| Net/Gross weight | Net weight | Kg | 27.4 | 23 | 24 | 30.3 | 25.6 | 32.6 | 40.9 | 30.3 | 34 | 40.9 | 30.3 | 34 |
| | | lb | 60.41 | 50.71 | 52.91 | 66.80 | 56.44 | 71.87 | 90.17 | 66.80 | 74.96 | 90.17 | 66.80 | 74.96 |
| | Gross weight | Kg | 32.3 | 26.4 | 29.8 | 36 | 29.4 | 40 | 47.6 | 34 | 41.3 | 47.6 | 34 | 41.3 |
| | | lb | 71.21 | 58.20 | 65.70 | 79.37 | 64.82 | 88.18 | 104.94 | 74.96 | 91.05 | 104.94 | 74.96 | 91.05 |
| | Indoor side air flow(Hi) | m3/h | 1250 | 914 | 901 | 1802.1 | 1488 | 1790 | 2432 | 1901 | 1718 | 2432 | 1901 | 1718 |
| | | CFM(ft3/min) | 735.29 | 537.65 | 530.00 | 1060.06 | 875.29 | 1052.94 | 1430.59 | 1118.24 | 1010.59 | 1430.59 | 1118.24 | 1010.59 |
| | Indoor side air flow(Mi) | m3/h | 985 | 777 | 771 | 1560.9 | 1194 | 1537 | 2034 | 1430 | 1218 | 2034 | 1430 | 1218 |
| | | CFM(ft3/min) | 579.41 | 457.06 | 453.53 | 918.18 | 702.35 | 904.12 | 1196.47 | 841.18 | 716.47 | 1196.47 | 841.18 | 716.47 |
| | Indoor side air flow(Lo) | m3/h | 784 | 640 | 666 | 1361.9 | 1086 | 1348 | 1755 | 1306 | 1029 | 1755 | 1306 | 1029 |
| | | CFM(ft3/min) | 461.18 | 376.47 | 391.76 | 801.12 | 638.82 | 792.94 | 1032.35 | 768.24 | 605.29 | 1032.35 | 768.24 | 605.29 |
| Drainage water pipe dia | Drainage water pipe dia | / | ODΦ25mm | ODΦ32mm | ODΦ25mm | ODΦ25mm | ODΦ32mm | ODΦ25mm | ODΦ25mm | ODΦ32mm | ODΦ25mm | ODΦ25mm | ODΦ32mm | ODΦ25mm |
| ESP | Rated | Pa | / | / | 25 | / | / | 25 | / | / | 37 | / | / | 37 |
| | | / | / | / | 0.10 | / | / | 0.10 | / | / | 0.15 | / | / | 0.15 |
| | Range | Pa | / | / | 0-100 | / | / | 0-160 | / | / | 0-160 | / | / | 0-160 |
| **Condenser** | | | | | | | | | | | | | | |
| Market Model | | | MFM-F182C/HN1 | MFM-F182C/HN1 | MFM-F182C/HN1 | MFM-F242C/HN1 | MFM-F242C/HN1 | MFM-F242C/HN1 | MFM-F362C/HN1 | MFM-F362C/HN1 | MFM-F362C/HN1 | MFM-F363C/HN1 | MFM-F363C/HN1 | MFM-F363C/HN1 |
| | | | MOCA30U-18CN1-NB | MOCA30U-18CN1-NB | MOCA30U-18CN1-NB | MOCA30U-24CN1-NB | MOCA30U-24CN1-NB | MOCA30U-24CN1-NB | MOD30U-36CN1-NB8 | MOD30U-36CN1-NB8 | MOD30U-36CN1-NB8 | MOD30U-36CN1-DB8 | MOD30U-36CN1-DB8 | MOD30U-36CN1-DB8 |
| Power supply | Voltage type | / | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220V,3Ph | 220V,3Ph | 220V,3Ph |
| | Supply frequency | / | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz |
| Max.Input consumption | Max.Input consumption | W | 2500 | 2500 | 2500 | 3500 | 3500 | 3500 | 5000 | 5000 | 5000 | 5490 | 5490 | 5490 |
| Max.Current | Max.Current | A | 11.5 | 11.5 | 11.5 | 16 | 16 | 16 | 24 | 24 | 24 | 17.3 | 17.3 | 17.3 |
| Compressor | Model | / | PA170M2A-3FT6 | PA170M2A-3FT6 | PA170M2A-3FT6 | PA241G2C-3MT3 | PA241G2C-3MT3 | PA241G2C-3MT3 | LN32NQAMC | LN32NQAMC | LN32NQAMC | ATH356UG3C9EU | ATH356UG3C9EU | ATH356UG3C9EU |
| | Type | / | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY |
| | Brand | / | GMCC | GMCC | GMCC | GMCC | GMCC | GMCC | MITSUBISHI | MITSUBISHI | MITSUBISHI | HITACHI | HITACHI | HITACHI |
| | Capacity | W | 5055/5155 | 5055/5155 | 5055/5155 | 7215/7300 | 7215/7300 | 7215/7300 | 10120/10150 | 10120/10150 | 10120/10150 | 10350 | 10350 | 10350 |
| | Input | W | 1645/1660 | 1645/1660 | 1645/1660 | 2310/2315 | 2310/2315 | 2310/2315 | 3260/3310 | 3260/3310 | 3260/3310 | 3400 | 3400 | 3400 |
| | Rated current | A | 8.05/7.35 | 8.05/7.35 | 8.05/7.35 | 11.15/10.25 | 11.15/10.25 | 11.15/10.25 | 15.6/15.5 | 15.6/15.5 | 15.6/15.5 | 10.9 | 10.9 | 10.9 |
| | LRA (Locked rotor amp) | A | 41.9 | 41.9 | 41.9 | 62 | 62 | 62 | 72/86 | 72/86 | 72/86 | 81 | 81 | 81 |
| | Thermal protector | / | UP3-64 | UP3-64 | UP3-64 | / | / | / | / | / | / | / | / | / |
| | Thermal protector position | / | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL |
| | Capacitor | μF | 40.0 | 40.0 | 40.0 | 60.0 | 60.0 | 60.0 | 45.0 | 45.0 | 45.0 | 0.0 | 0.0 | 0.0 |
| | Refrigerant oil/oil charge | mL | VG74/420 | VG74/420 | VG74/420 | ESTER OIL VG74/700 | ESTER OIL VG74/700 | ESTER OIL VG74/700 | FV50S/750 | FV50S/750 | FV50S/750 | A68HES-H OR EQUIV | A68HES-H OR EQUIV | A68HES-H OR EQUIV |
| Outdoor Fan motor | Model | / | YKT-63-6-200L | YKT-63-6-200L | YKT-63-6-200L | YKT-63-6-200L | YKT-63-6-200L | YKT-63-6-200L | YKS-190-8-3 | YKS-190-8-3 | YKS-190-8-3 | YKS-190-8-3 | YKS-190-8-3 | YKS-190-8-3 |
| | Input | W | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 270.0 | 270.0 | 270.0 | 270.0 | 270.0 | 270.0 |
| | RLA (Rated current) | A | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| | LRA (Locked rotor amp) | A | / | / | / | 0.9 | 0.9 | 0.9 | / | / | / | 2.4 | 2.4 | 2.4 |
| | Winding resistance | Ω | / | / | / | 131 | 131 | 131 | / | / | / | 32.5 | 32.5 | 32.5 |
| | Speed(High/Mi/Low) | r/min | 930/830 | 930/830 | 930/830 | 930/830 | 930/830 | 930/830 | 830/780 | 830/780 | 830/780 | 830/780 | 830/780 | 830/780 |
| | Capacitor | μF | 3 | 3 | 3 | 3 | 3 | 3 | 10 | 10 | 10 | 6 | 6 | 6 |
| | Capacitor class | / | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 |
| | Insulation class | / | B | B | B | B | B | B | B | B | B | B | B | B |
| Condenser | Number of rows | / | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| | Tube outside dia | mm | Φ5 | Φ5 | Φ5 | Φ5 | Φ5 | Φ5 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 |
| | Tube outside type | / | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube |
| | Tube pitch(a)x row pitch(b) | mm | 19.5x11.6 | 19.5x11.6 | 19.5x11.6 | 19.5x11.6 | 19.5x11.6 | 19.5x11.6 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| | Fin type (code) | / | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu | Unhydrophilic aluminiu |
| | Coil length x height x width | mm | 768x663x23.2 | 768x663x23.2 | 768x663x23.2 | 768x663x23.2 | 768x663x23.2 | 768x663x23.2 | 1005x756x26.74 | 1005x756x26.74 | 1005x756x26.74 | 1005x756x26.74 | 1005x756x26.74 | 1005x756x26.74 |
| | Number of circuits | / | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 |
| Outdoor side air flow(Hi) | Outdoor side air flow(Hi) | m3/h | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 | 5100 | 5100 | 5100 | 5100 | 5100 | 5100 |
| | | CFM(ft3/min) | 1647.06 | 1647.06 | 1647.06 | 1647.06 | 1647.06 | 1647.06 | 3000.00 | 3000.00 | 3000.00 | 3000.00 | 3000.00 | 3000.00 |
| Dimension(W*D*H) | Body_Length(W) | mm | 845 | 845 | 845 | 845 | 845 | 845 | 946 | 946 | 946 | 946 | 946 | 946 |
| | | inch | 33.27 | 33.27 | 33.27 | 33.27 | 33.27 | 33.27 | 37.24 | 37.24 | 37.24 | 37.24 | 37.24 | 37.24 |
| | Body_Width(D) | mm | 363 | 363 | 363 | 363 | 363 | 363 | 410 | 410 | 410 | 410 | 410 | 410 |
| | | inch | 14.29 | 14.29 | 14.29 | 14.29 | 14.29 | 14.29 | 16.14 | 16.14 | 16.14 | 16.14 | 16.14 | 16.14 |
| | Body_Height(H) | mm | 702 | 702 | 702 | 702 | 702 | 702 | 810 | 810 | 810 | 810 | 810 | 810 |
| | | inch | 27.64 | 27.64 | 27.64 | 27.64 | 27.64 | 27.64 | 31.89 | 31.89 | 31.89 | 31.89 | 31.89 | 31.89 |
| Packing(W*D*H) | Packing_Length(W) | mm | 965 | 965 | 965 | 965 | 965 | 965 | 1090 | 1090 | 1090 | 1090 | 1090 | 1090 |
| | | inch | 37.99 | 37.99 | 37.99 | 37.99 | 37.99 | 37.99 | 42.91 | 42.91 | 42.91 | 42.91 | 42.91 | 42.91 |
| | Packing_Width(D) | mm | 395 | 395 | 395 | 395 | 395 | 395 | 500 | 500 | 500 | 500 | 500 | 500 |
| | | inch | 15.55 | 15.55 | 15.55 | 15.55 | 15.55 | 15.55 | 19.69 | 19.69 | 19.69 | 19.69 | 19.69 | 19.69 |
| | Packing_Height(H) | mm | 775 | 775 | 775 | 775 | 775 | 775 | 885 | 885 | 885 | 885 | 885 | 885 |
| | | inch | 30.12 | 30.12 | 30.12 | 30.12 | 30.12 | 30.12 | 34.45 | 34.45 | 34.45 | 34.45 | 34.45 | 34.45 |
| Net/Gross weight | Net weight | Kg | 42.2 | 42.2 | 42.2 | 47.9 | 47.9 | 47.9 | 67.2 | 67.2 | 67.2 | 66.1 | 66.1 | 66.1 |
| | | lb | 93.03 | 93.03 | 93.03 | 105.60 | 105.60 | 105.60 | 148.15 | 148.15 | 148.15 | 145.72 | 145.72 | 145.72 |
| | Gross weight | Kg | 45.4 | 45.4 | 45.4 | 51.4 | 51.4 | 51.4 | 73 | 73 | 73 | 70.6 | 70.6 | 70.6 |
| | | lb | 100.09 | 100.09 | 100.09 | 113.32 | 113.32 | 113.32 | 160.94 | 160.94 | 160.94 | 155.64 | 155.64 | 155.64 |
| Refrigerant | Refrigerant type | / | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A |
| | Refrigerant charge | / | 1.2 | 1.2 | 1.2 | 1.35 | 1.35 | 1.35 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| | Refrigerant charge unit | / | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg |
| | Additional refrigerant per metre | g/m | / | / | / | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| | | oz/ft | / | / | / | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 |
| | Loading quantity _40'HQ (ESTIMATED) | set | 125 | 143 | 118 | 103 | 107 | 128 | 138 | 138 | 138 | 138 | 138 | 138 |

| Indoor | | | PISO TECHO | CASSETTE | FAN&COIL | PISO TECHO | CASSETTE | FAN&COIL | PISO TECHO | CASSETTE | FAN&COIL | PISO TECHO | CASSETTE | FAN&COIL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Market Model | | | MFM-F482C/DLN1 | MFM-F482C/Q4N1 | MFM-F482C/T2N1 | MFM-F483C/DLN1 | MFM-F483C/Q4N1 | MFM-F483C/T2N1 | MFM-F602C/DLN1 | MFM-F602C/Q4N1 | MFM-F602C/T2N1 | MFM-F603C/DLN1 | MFM-F603C/Q4N1 | MFM-F603C/T2N1 |
| Power supply | Voltage type | / | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220V,1Ph | 220-230V,1Ph |
| | Supply frequency | / | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz |
| Fan motor | Model | / | YKSS-85-4-1L-2 | YKS-125-6-6 | YKSS-480-4-2 | YKSS-85-4-1L-2 | YKS-125-6-6 | YKSS-480-4-2 | YKSS-130-4-1L | YKS-125-6-6 | YKSS-480-4-2 | YKSS-130-4-1L | YKS-125-6-6 | YKSS-480-4-2 |
| | Input | W | 166.0 | 242.0 | / | 166.0 | 242.0 | / | 216.0 | 242.0 | / | 216.0 | 242.0 | / |
| | RLA (Rated current) | A | 0.72 | 1.05 | 2.75 | 0.72 | 1.05 | 2.75 | 0.94 | 1.05 | 2.75 | 0.94 | 1.05 | 2.75 |
| | LRA (Locked rotor amp) | A | / | / | 5.38 | / | / | 5.38 | / | 1.3 | 5.38 | / | 1.3 | 5.38 |
| | Speed(Hi/Mi/Lo) | r/min | 1435/1295/1165 | 780/715/600/550 | 1040/900/800 | 1435/1295/1165 | 780/715/600/550 | 1040/900/800 | 1640/1530/1430/1370 | 780/715/600/550 | 1000/900/800 | 1640/1530/1430/1370 | 780/715/600/550 | 1000/900/800 |
| | Capacitor | μF | 2.5 | 4.5 | 20UF/450V | 2.5 | 4.5 | 20UF/450V | 6.5 | 4.5 | 20 | 6.5 | 4.5 | 20 |
| | Capacitor class | / | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 |
| | Winding resistance | Ω | / | / | 9.5 | / | / | 9.5 | / | 49 | 9.5 | / | 49 | 9.5 |
| | Insulation class | / | B | B | F | B | B | F | B | B | F | B | B | F |
| | Waterproofing class | / | / | / | IPX0 | / | / | IPX0 | / | / | IPX0 | / | / | IPX0 |
| Evaporator | Number of rows | / | 3.0 | 3.0 | 4 | 3.0 | 3.0 | 4 | 4.0 | 3 | 4 | 4.0 | 3 | 4 |
| | Tube outside dia | mm | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 |
| | Tube outside type | / | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube |
| | Tube pitch(a)x row pitch(b) | mm | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.3 | 1.4 | 1.5 | 1.3 | 1.4 | 1.5 | 1.3 | 1.4 | 1.5 | 1.3 | 1.4 | 1.5 |
| | Fin type (code) | / | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum |
| | Coil length x height x width | mm | 1300x294x40.11 | 2080x252x40.11 | 1030x378x53.48 | 1300x294x40.11 | 2080x252x40.11 | 1030x378x53.48 | 1375x294x53.48 | 2080x252x40.11 | 1030x378x53.48 | 1375x294x53.48 | 2080x252x40.11 | 1030x378x53.48 |
| | Number of circuits | / | 10 | 12 | 8 | 10 | 12 | 8 | 12 | 12 | 8 | 12 | 12 | 8 |
| Dimension(W*D*H) | Body_Length(W) | mm | 1650 | 840 | 1200 | 1650 | 840 | 1200 | 1650 | 840 | 1200 | 1650 | 840 | 1200 |
| | | inch | 64.96 | 33.07 | 47.24 | 64.96 | 33.07 | 47.24 | 64.96 | 33.07 | 47.24 | 64.96 | 33.07 | 47.24 |
| | Body_Width(D) | mm | 675 | 840 | 874 | 675 | 840 | 874 | 675 | 840 | 874 | 675 | 840 | 874 |
| | | inch | 26.57 | 33.07 | 34.41 | 26.57 | 33.07 | 34.41 | 26.57 | 33.07 | 34.41 | 26.57 | 33.07 | 34.41 |
| | Body_Height(H) | mm | 235 | 287 | 300 | 235 | 287 | 300 | 235 | 287 | 300 | 235 | 287 | 300 |
| | | inch | 9.25 | 11.30 | 11.81 | 9.25 | 11.30 | 11.81 | 9.25 | 11.30 | 11.81 | 9.25 | 11.30 | 11.81 |
| Packing(W*D*H) | Packing_Length(W) | mm | 1725 | 900 | 1405 | 1725 | 900 | 1405 | 1725 | 900 | 1405 | 1725 | 900 | 1405 |
| | | inch | 67.91 | 35.43 | 55.31 | 67.91 | 35.43 | 55.31 | 67.91 | 35.43 | 55.31 | 67.91 | 35.43 | 55.31 |
| | Packing_Width(D) | mm | 755 | 900 | 915 | 755 | 900 | 915 | 755 | 900 | 915 | 755 | 900 | 915 |
| | | inch | 29.72 | 35.43 | 36.02 | 29.72 | 35.43 | 36.02 | 29.72 | 35.43 | 36.02 | 29.72 | 35.43 | 36.02 |
| | Packing_Height(H) | mm | 318 | 307 | 365 | 318 | 307 | 365 | 313 | 307 | 365 | 313 | 307 | 365 |
| | | inch | 12.32 | 11.50 | 13.98 | 12.32 | 11.50 | 13.98 | 12.32 | 11.50 | 13.98 | 12.32 | 11.50 | 13.98 |
| Net/Gross weight | Net weight | Kg | 41.2 | 30.1 | 47.8 | 41.2 | 30.1 | 47.8 | 45.5 | 30.4 | 47.7 | 45.5 | 30.4 | 47.7 |
| | | lb | 90.83 | 66.36 | 105.38 | 90.83 | 66.36 | 105.38 | 100.31 | 67.02 | 105.16 | 100.31 | 67.02 | 105.16 |
| | Gross weight | Kg | 48 | 34 | 56.8 | 48 | 34 | 56.8 | 51.5 | 35.3 | 56.6 | 51.5 | 35.3 | 56.6 |
| | | lb | 105.82 | 74.96 | 125.22 | 105.82 | 74.96 | 125.22 | 113.54 | 77.82 | 124.78 | 113.54 | 77.82 | 124.78 |
| | Indoor side air flow(Hi) | m3/h | 2415 | 1891 | 2691 | 2415 | 1891 | 2691 | 2621 | 1800 | 2777 | 2621 | 1800 | 2777 |
| | | CFM(ft3/min) | 1420.59 | 1112.35 | 1582.94 | 1420.59 | 1112.35 | 1582.94 | 1541.76 | 1058.82 | 1633.53 | 1541.76 | 1058.82 | 1633.53 |
| | Indoor side air flow(Mi) | m3/h | 2037 | 1426 | 2310 | 2037 | 1426 | 2310 | 2366 | 1600 | 2351 | 2366 | 1600 | 2351 |
| | | CFM(ft3/min) | 1198.24 | 838.82 | 1358.82 | 1198.24 | 838.82 | 1358.82 | 1391.76 | 941.18 | 1382.94 | 1391.76 | 941.18 | 1382.94 |
| | Indoor side air flow(Lo) | m3/h | 1763 | 1310 | 2021 | 1763 | 1310 | 2021 | 2223 | 1400 | 2005 | 2223 | 1400 | 2005 |
| | | CFM(ft3/min) | 1037.06 | 770.59 | 1188.82 | 1037.06 | 770.59 | 1188.82 | 1307.65 | 823.53 | 1179.41 | 1307.65 | 823.53 | 1179.41 |
| Drainage water pipe dia | Drainage water pipe dia | / | ODΦ25mm | ODΦ32mm | ODΦ25mm | ODΦ25mm | ODΦ32mm | ODΦ25mm | ODΦ25mm | ODΦ32mm | / | ODΦ25mm | ODΦ32mm | / |
| ESP | Rated | Pa | / | / | 50 | / | / | 50 | / | / | 50 | / | / | 50 |
| | | / | / | / | 0.20 | / | / | 0.20 | / | / | 0.20 | / | / | 0.20 |
| | Range | Pa | / | / | 0-160 | / | / | 0-160 | / | / | 0-160 | / | / | 0-160 |
| **Condenser** | | | | | | | | | | | | | | |
| Market Model | | | MFM-F482C/HN1 | MFM-F482C/HN1 | MFM-F482C/HN1 | MFM-F483C/HN1 | MFM-F483C/HN1 | MFM-F483C/HN1 | MFM-F602C/HN1 | MFM-F602C/HN1 | MFM-F602C/HN1 | MFM-F603C/HN1 | MFM-F603C/HN1 | MFM-F603C/HN1 |
| | | | MODU-48CN1-NB8 | MODU-48CN1-NB8 | MODU-48CN1-NB8 | MODU-48CN1-DB8 | MODU-48CN1-DB8 | MODU-48CN1-DB8 | MOE30U-60CN1-NB8 | MOE30U-60CN1-NB8 | MOE30U-60CN1-NB8 | MOE30U-60CN1-DB8 | MOE30U-60CN1-DB8 | MOE30U-60CN1-DB8 |
| Power supply | Voltage type | / | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220V,3Ph | 220V,3Ph | 220V,3Ph | 220-230V,1Ph | 220-230V,1Ph | 220-230V,1Ph | 220V,3Ph | 220V,3Ph | 220V,3Ph |
| | Supply frequency | / | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz | 60Hz |
| Max.Input consumption | Max.Input consumption | W | 6250 | 6250 | 6250 | 6900 | 6900 | 6900 | 7150 | 7150 | 7150 | 7150 | 7150 | 7150 |
| Max.Current | Max.Current | A | 30.5 | 30.5 | 30.5 | 22 | 22 | 22 | 36.0 | 36.0 | 36.0 | 20.5 | 20.5 | 20.5 |
| Compressor | Model | / | ZP49KUE-PFV-502 | ZP49KUE-PFV-502 | ZP49KUE-PFV-502 | ZP49KUE-TF5-52E | ZP49KUE-TF5-52E | ZP49KUE-TF5-52E | ZP57KSE-PFV-522 | ZP57KSE-PFV-522 | ZP57KSE-PFV-522 | ZP57KSE-TF5-522 | ZP57KSE-TF5-522 | ZP57KSE-TF5-522 |
| | Type | / | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL | SCROLL |
| | Brand | / | EMERSON | EMERSON | EMERSON | EMERSON | EMERSON | EMERSON | EMERSON | EMERSON | EMERSON | COPELAND | COPELAND | COPELAND |
| | Capacity | W | 14300 | 14300 | 14300 | 14400 | 14400 | 14400 | 16800 | 16800 | 16800 | 16900 | 16900 | 16900 |
| | Input | W | 4540 | 4540 | 4540 | 4580 | 4580 | 4580 | 5460 | 5460 | 5460 | 5320 | 5320 | 5320 |
| | Rated current | A | 25.1 | 25.1 | 25.1 | 18.7 | 18.7 | 18.7 | 25.6 | 25.6 | 25.6 | 15.2 | 15.2 | 15.2 |
| | LRA (Locked rotor amp) | A | 138.0 | 138.0 | 138.0 | 136.8 | 136.8 | 136.8 | 178.0 | 178.0 | 178.0 | 136 | 136 | 136 |
| | Thermal protector | / | / | / | / | / | / | / | / | / | / | / | / | / |
| | Thermal protector position | / | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL | INTERNAL |
| | Capacitor | μF | 80.0 | 80.0 | 80.0 | 0.0 | 0.0 | 0.0 | 80.0 | 80.0 | 80.0 | 0.0 | 0.0 | 0.0 |
| | Refrigerant oil/oil charge | mL | 3MA F POE/1242 | 3MA F POE/1242 | 3MA F POE/1242 | 3MA F POE/1242 | 3MA F POE/1242 | 3MA F POE/1242 | 3MAF POE/1242 | 3MAF POE/1242 | 3MAF POE/1242 | 3MAF POE/1242 | 3MAF POE/1242 | 3MAF POE/1242 |
| Outdoor Fan motor | Model | / | YKT-65-6-41 | YKT-65-6-41 | YKT-65-6-41 | YKT-65-6-41 | YKT-65-6-41 | YKT-65-6-41 | YKT-90-6-9 | YKT-90-6-9 | YKT-90-6-9 | YKT-90-6-9 | YKT-90-6-9 | YKT-90-6-9 |
| | Input | W | 164.0 | 164.0 | 164.0 | 164.0 | 164.0 | 164.0 | 143.0 | 143.0 | 143.0 | 143.0 | 143.0 | 143.0 |
| | RLA (Rated current) | A | 0.68 | 0.68 | 0.68 | 0.72 | 0.72 | 0.72 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| | LRA (Locked rotor amp) | A | 0.86 | 0.86 | 0.86 | 0.945 | 0.945 | 0.945 | 0.76 | 0.76 | 0.76 | 0.76 | 0.76 | 0.76 |
| | Winding resistance | Ω | 38 | 38 | 38 | 56.2 | 56.2 | 56.2 | 74 | 74 | 74 | 74 | 74 | 74 |
| | Speed(High/Mi/Low) | r/min | 815 | 815 | 815 | 815 | 815 | 815 | 860/780 | 860/780 | 860/780 | 860/780 | 860/780 | 860/780 |
| | Capacitor | μF | 3.5UF/450V | 3.5UF/450V | 3.5UF/450V | 3.5 | 3.5 | 3.5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Capacitor class | / | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 | P2 |
| | Insulation class | / | B | B | B | B | B | B | B | B | B | B | B | B |
| Condenser | Number of rows | / | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| | Tube outside dia | mm | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 | Φ7 |
| | Tube outside type | / | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube | Inner groove tube |
| | Tube pitch(a)x row pitch(b) | mm | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 | 21x13.37 |
| | Fin spacing | mm | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| | Fin type (code) | / | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum | Hydrophilic aluminum |
| | Coil length x height x width | mm | 850x1113x40.11 | 850x1113x40.11 | 850x1113x40.11 | 850x1113x40.11 | 850x1113x40.11 | 850x1113x40.11 | 985x1260x40.11 | 985x1260x40.11 | 985x1260x40.11 | 985x1260x40.11 | 985x1260x40.11 | 985x1260x40.11 |
| | Number of circuits | / | 8 | 8 | 8 | 8 | 8 | 8 | 14 | 14 | 14 | 14 | 14 | 14 |
| Outdoor side air flow(Hi) | Outdoor side air flow(Hi) | m3/h | 6500 | 6500 | 6500 | 6500 | 6500 | 6500 | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 |
| | | CFM(ft3/min) | 3823.53 | 3823.53 | 3823.53 | 3823.53 | 3823.53 | 3823.53 | 4235.29 | 4235.29 | 4235.29 | 4235.29 | 4235.29 | 4235.29 |
| Dimension(W*D*H) | Body_Length(W) | mm | 900 | 900 | 900 | 900 | 900 | 900 | 952 | 952 | 952 | 952 | 952 | 952 |
| | | inch | 35.43 | 35.43 | 35.43 | 35.43 | 35.43 | 35.43 | 37.48 | 37.48 | 37.48 | 37.48 | 37.48 | 37.48 |
| | Body_Width(D) | mm | 350 | 350 | 350 | 350 | 350 | 350 | 415 | 415 | 415 | 415 | 415 | 415 |
| | | inch | 13.78 | 13.78 | 13.78 | 13.78 | 13.78 | 13.78 | 16.34 | 16.34 | 16.34 | 16.34 | 16.34 | 16.34 |
| | Body_Height(H) | mm | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1333 | 1333 | 1333 | 1333 | 1333 | 1333 |
| | | inch | 46.06 | 46.06 | 46.06 | 46.06 | 46.06 | 46.06 | 52.48 | 52.48 | 52.48 | 52.48 | 52.48 | 52.48 |
| Packing(W*D*H) | Packing_Length(W) | mm | 1032 | 1032 | 1032 | 1032 | 1032 | 1032 | 1095 | 1095 | 1095 | 1095 | 1095 | 1095 |
| | | inch | 40.63 | 40.63 | 40.63 | 40.63 | 40.63 | 40.63 | 43.11 | 43.11 | 43.11 | 43.11 | 43.11 | 43.11 |
| | Packing_Width(D) | mm | 443 | 443 | 443 | 443 | 443 | 443 | 495 | 495 | 495 | 495 | 495 | 495 |
| | | inch | 17.44 | 17.44 | 17.44 | 17.44 | 17.44 | 17.44 | 19.49 | 19.49 | 19.49 | 19.49 | 19.49 | 19.49 |
| | Packing_Height(H) | mm | 1307 | 1307 | 1307 | 1307 | 1307 | 1307 | 1480 | 1480 | 1480 | 1480 | 1480 | 1480 |
| | | inch | 51.46 | 51.46 | 51.46 | 51.46 | 51.46 | 51.46 | 58.27 | 58.27 | 58.27 | 58.27 | 58.27 | 58.27 |
| Net/Gross weight | Net weight | Kg | 90.1 | 90.1 | 90.1 | 87.5 | 87.5 | 87.5 | 110.4 | 110.4 | 110.4 | 109.1 | 109.1 | 109.1 |
| | | lb | 198.63 | 198.63 | 198.63 | 192.90 | 192.90 | 192.90 | 243.39 | 243.39 | 243.39 | 240.52 | 240.52 | 240.52 |
| | Gross weight | Kg | 101.7 | 101.7 | 101.7 | 99.0 | 99.0 | 99.0 | 123 | 123 | 123 | 121.6 | 121.6 | 121.6 |
| | | lb | 224.21 | 224.21 | 224.21 | 218.26 | 218.26 | 218.26 | 271.17 | 271.17 | 271.17 | 268.08 | 268.08 | 268.08 |
| Refrigerant | Refrigerant type | / | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A | R410A |
| | Refrigerant charge | / | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| | Refrigerant charge unit | / | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg |
| | Additional refrigerant per metre | g/m | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| | | oz/ft | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 | 0.69 |
| | Loading quantity _40'HQ (ESTIMATED) | set | 108 | 108 | 108 | 108 | 108 | 108 | 48 | 48 | 48 | 48 | 48 | 48 |