

GREAT
TECHNOLOGY



OCTOPUS



RotoClimate



Single Outdoor Unit and Multi Indoor Airconditioning

You are creating comfortable space by the outside thank to Rota Climate's great technology "Five indoor units with one outdoor unit"



OCTOPUS 

M2-18 OD

| | | | | |
|--------------------------------|-----------|-----|------|-------|
| 18 BTU 2+1 OUTDOOR UNIT | 2 IN UNIT | 9+9 | 9+12 | 12+12 |
|--------------------------------|-----------|-----|------|-------|

M3-28 OD

| | | | | | | |
|--------------------------------|------------|-------|--------|---------|----------|-------|
| 28 BTU 3+1 OUTDOOR UNIT | 2 IND UNIT | 9+9 | 9+12 | 9+18 | 12+12 | 12+18 |
| | 3 IND UNIT | 9+9+9 | 9+9+12 | 9+12+12 | 12+12+12 | |

M4-36 OD

| | | | | | | | | | |
|--------------------------------|------------|---------|----------|----------|-----------|-----------|------------|-------------|----------|
| 36 BTU 4+1 OUTDOOR UNIT | 2 IND UNIT | 9+24 | 12+24 | 18+18 | 18+24 | | | | |
| | 3 IND UNIT | 9+9+18 | 9+9+24 | 9+12+18 | 9+12+24 | 9+18+18 | 12+12+18 | 12+12+24 | 12+18+18 |
| | 4 IND UNIT | 9+9+9+9 | 9+9+9+12 | 9+9+9+18 | 9+9+12+12 | 9+9+12+18 | 9+12+12+12 | 12+12+12+12 | |

M5-42 OD

| | | | | | |
|--------------------------------|------------|-----------|------------|------------|-------------|
| 42 BTU 5+1 OUTDOOR UNIT | 3 IND UNIT | 12+18+24 | 18+18+18 | | |
| | 4 IND UNIT | 9+9+12+24 | 9+9+18+18 | 9+12+12+18 | 12+12+12+18 |
| | 5 IND UNIT | 9+9+9+9+9 | 9+9+9+9+12 | 9+9+9+9+18 | 9+9+9+12+12 |

| MULTI WALL TYPE INDOOR | | MS 09-ID | MS 12-ID | MS 18-ID | MS 24-ID |
|-------------------------|-------------------|------------------------|------------------------|------------------------|------------------------|
| Power Input | V-ph-Hz | 220~240V / 1Ph / 50 Hz | 220~240V / 1Ph / 50 Hz | 220~240V / 1Ph / 50 Hz | 220~240V / 1Ph / 50 Hz |
| Cooling Capacity | kW | 2,64 | 3,52 | 5,28 | 7,00 |
| | Btu | 9000 | 12000 | 18000 | 24000 |
| Heating Capacity | kW | 2,93 | 3,81 | 5,56 | 7,32 |
| | Btu | 10000 | 13000 | 19000 | 25000 |
| Sound Power dB(A) | dB(A) | 54 | 53 | 55 | 57 |
| Sound Pressure dB(A) | dB(A) | 40/30/26/21 | 40/34/26/22 | 44/37/30/25 | 44,5/42/34,5/28 |
| Air Flow m ³ | m ³ /h | 520/460/340 | 600/500/360 | 840/680/540 | 980/820/660 |
| Weight kg | kg | 7.5 / 9.7 | 7.5 / 9.7 | 10.0 / 13.0 | 12.3 / 15.8 |
| Dimensions (WxLxH) mm | mm | 805 × 194 × 285 | 805 × 194 × 285 | 957 × 213 × 302 | 1040 × 220 × 327 |
| Copper Pipes mm | mm | Ø6.35 / Ø9.52 | Ø6.35 / Ø9.52 | Ø6.35 / Ø12.7 | Ø9.52 / Ø15.9 |
| (Liquid HaW / Gas haW) | (inch) | (1/4"/3/8") | (1/4"/3/8") | (1/4"/1/2") | (3/8"/5/8") |

| MULTI DUCT INDOOR | | MD 09-ID | MD 12-ID | MD 18-ID | MD 24-ID |
|--------------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Power Input | V-ph-Hz | 220~240V / 1Ph / 50Hz | 220~240V / 1Ph / 50Hz | 220~240V / 1Ph / 50Hz | 220~240V / 1Ph / 50Hz |
| Cooling Capacity | kW | 2,64 | 3,52 | 5,28 | 7,04 |
| | Btu | 9000 | 12000 | 18000 | 24000 |
| Heating Capacity | kW | 2,93 | 3,81 | 5,56 | 7,62 |
| | Btu | 10000 | 13000 | 19000 | 26000 |
| Sound Power dB(A) | dB(A) | 58 | 59 | 59 | 61 |
| Sound Pressure dB(A) | dB(A) | 40 /34,5/27,5 | 40 /34,5/27,5 | 41,5/38/33 | 42/40/37 |
| Air Flow | m ³ /h | 500/340/730 | 600/480/300 | 880/650/350 | 1230/1035/825 |
| External Static Pressure | Pa | 0~40 | 0~60 | 0~100 | 0~160 |
| Weight kg | kg | 18.0 / 22.0 | 18.0 / 22.0 | 24.3 / 29.6 | 32.3 / 39.1 |
| Dimensions (WxLxH) mm | mm | 700x450x200 | 700x506x200 | 880x674x210 | 1100x774x249 |
| Copper Pipes mm | mm | Ø6.35 / Ø9.52 | Ø6.35 / Ø9.52 | Ø6.35 / Ø12.7 | Ø9.52 / Ø15.9 |
| (Liquid HaW / Gas haW) | (inch) | (1/4"/3/8") | (1/4"/3/8") | (1/4" / 1/2") | (3/8" / 5/8") |

| MULTI CASSETTE INDOOR | | MC 12-ID | MC 18-ID | MC 24-ID |
|------------------------|-------------------|-----------------------|-----------------------|-----------------------|
| Power Input | V-ph-Hz | 220~240V / 1Ph / 50Hz | 220~240V / 1Ph / 50Hz | 220~240V / 1Ph / 50Hz |
| Cooling Capacity | kW | 3,52 | 5,28 | 7,04 |
| | Btu | 12000 | 18000 | 24000 |
| Heating Capacity | kW | 3,81 | 5,57 | 7,62 |
| | Btu | 13000 | 19000 | 26000 |
| Sound Power dB(A) | dB(A) | 56 | 57 | 67 |
| Sound Pressure dB(A) | dB(A) | 41/36/33/25,5 | 43/39,5/35,5/29 | 45,4/42,5/39,5/27 |
| Air Flow | m ³ /h | 610/510/420 | 720/620/500 | 1340/1140/1000 |
| Weight kg | kg | 16.3 / 20.4 | 16.0 / 20.6 | 21.6 / 25.4 |
| Dimensions (WxLxH) mm | mm | 570 × 570 × 260 | 570 × 570 × 260 | 830 × 830 × 205 |
| Copper Pipes mm | mm | Ø6.35 / Ø9.52 | Ø6.35 / Ø12.7 | Ø9.52 / Ø15.9 |
| (Liquid HaW / Gas haW) | (inch) | (1/4"/3/8") | (1/4"/1/2") | (3/8" / 5/8") |



| MULTI OUTDOOR UNIT | | ROTA MULTÍ M2- | ROTA MULTÍ M3- 280D | ROTA MULTÍ M4- 360D | ROTA MULTÍ M5- 420D |
|---|--------------|-------------------------------------|-------------------------------------|---|---|
| Power Input | V-Hz-Ph | 220-240V~, 50Hz, 1Ph | 220-240V~, 50Hz, 1Ph | 220-240V~, 50Hz, 1Ph | 220-240V~, 50Hz, 1Ph |
| Cooling Capacity | kW | 5,3 | 7,9 | 10,6 | 12,4 |
| | Btu | 18000 (7800-19500) | 27000 (10850 ~28000) | 36000 (7000~43200) | 42000 (7000 ~48300) |
| Heating Capacity | kW | 4,8 | 5,6 | 9 | 9,2 |
| | Btu | 19000 (8000~19600) | 28000 (7800~29000) | 37000 (8000 ~44400) | 42000 (8000 ~ 50400) |
| SEER/ SCOP (average) W/W | W/W | 6.1/3.8 | 6.1/4.0 | 6.2/3.8 | 6.1 / 3.5 |
| Energy Class | | A++/A+ | A++/A+ | A++/A | A++/A |
| EER/ COP W/W | W/W | 3,23/3,71 | 3.23/3.73 | 3.23/3.93 | 2.89/3.97 |
| Working Current (cooling) | A | 7,3 (3,2-9,0) | 11,2 (2,0-13,5) | 14,3 (5,1-18,2) | 16 (1,4-20,7) |
| Power Input (cooling) | W | 1635 (690-2000) | 2450 (290-3100) | 3270 (1140-4090) | 3810 (280-4650) |
| Working Current (heating) | A | 6,6 (2,80-7,95) | 10,1 (2,4-13) | 12,1(4,3-15,3) | 14,6 (3-16,6) |
| Power Input (heating) | W | 1500 (600-1780) | 2210 (370-2900) | 2760(970-3450) | 3300 (650-3800) |
| Air Flow m3/h | m³/h | 2100 | 3000 | 4000 | 3850,0 |
| Sound Pressure dB(A) | dB(A) | 54 | 58 | 63 | 64 |
| Sound Power dB(A) | dB(A) | 65 | 68 | 67 | 69 |
| Dimensions (WxLxH)Package- Product | mm | 915x370x615 / 805x330x554 | 1030x438x750 / 890x342x673 | 1090x500x875 / 946x410x810 | 1090x500x885 / 946x410x810 |
| Weight kg | kg | 35/38 | 48/51,8 | 68,8/75,6 | 70.3 /80,4 |
| GWP | | 675 | 675,0 | 675,0 | 675 |
| Refrigerant kg | kg | 1,25 | 1,85 | 2,1 | 2,4 |
| Design Pressure Mpa | Mpa | 4.3 / 1.7 | 4.3 / 1.7 | 4.3 / 1.7 | 4.3 / 1.7 |
| Copper Pipes (Liquid Ha`/Gas ha`) | mm (inch) | 2 x [Ø6.35 / Ø9.52 (1/4"/ 3/8")] | 3 x [Ø6.35 / Ø9.52 (1/4"/ 3/8")] | 3 x [Ø6.35 / Ø9.52 (1/4"/ 3/8")] + 1 x [Ø6.35/ Ø12.7 (1/4"/ 1/2")] | 5 x Ø6.35/4x Ø9.52+1xØ12.7 (5x1/4"/4x3/8"+1x1/2") |
| Maximum overall length m | m | 40 | 60 | 80 | 80 |
| Maximum single indoor unit length m | m | 25 | 30 | 35 | 35 |
| Maximum height of Outdoor unit with indoor unit | m | 15 | 15 | 15 | 15 |
| Maximum height between indoor units m | m | 10 | 10 | 10 | 10 |
| Cooling Operating | °C | -15 ~ 50 | -15 ~ 50 | -15 ~ 50 | -15 ~ 50 |
| Heating Operating | °C | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |

