



Triple-Split Ceiling Indoor Unit

| CODE | | | 121 | 121 | 140 | 200 | 230 |
|-----------------------------|--|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Performance | | | | | | | |
| Indoor Unit 1 | | RAV- | RM401CTP-E | RM401CTP-E | RM561CTP-E | RM801CTP-E | RM801CTP-E |
| Indoor Unit 2 | | RAV- | RM401CTP-E | RM401CTP-E | RM561CTP-E | RM801CTP-E | RM801CTP-E |
| Indoor Unit 3 | | RAV- | RM401CTP-E | RM401CTP-E | RM561CTP-E | RM801CTP-E | RM801CTP-E |
| Outdoor Unit | | RAV- | GM1401ATP-E | GM1401AT8P-E | SM1603AT-E1 | SM2246AT8-E | SM2806AT8-E |
| Nominal | Cooling Capacity | kW | 12.1 | 12.1 | 14.0 | 20.0 | 23.0 |
| | Heating Capacity | kW | 12.8 | 12.8 | 16.0 | 22.4 | 27.0 |
| | EER/COP | W/W | 2.74/3.74 | 2.74/3.74 | 3.01/3.47 | 2.81/3.50 | 2.41/3.41 |
| UK | Cooling Total/Sensible | kW | 11.50/8.40 | 11.50/8.40 | 13.30/9.30 | 19.30/13.50 | 22.20/14.90 |
| | Heating | kW | 9.30 | 9.30 | 10.45 | 14.63 | 17.63 |
| Cooling EN14825 | Range Min. - Max. | kW | 3.0 - 13.2 | 3.0 - 13.2 | 3.0 - 16.0 | 9.8 - 22.4 | 9.8-27.0 |
| | Power Input | kW | 4.67 | 4.67 | 4.65 | 7.12 | 9.55 |
| | Pdesign | kW | 12.00 | 12.00 | 14.0 | 20.0 | 23.5 |
| | SEER/Energy Efficiency Class (or ηsc %) | | 5.36/211.4 | 5.36/211.4 | 4.99/196.6 | 5.81/229.4 | 5.26/207.4 |
| Heating EN14825 | Seasonal Energy Consumption | kWh/a | 660 | 660 | - | - | - |
| | Range Min. - Max. | kW | 3.0 - 16.0 | 3.0 - 16.0 | 3.0 - 18.0 | 9.8 - 25.0 | 9.8-31.5 |
| | Power Input | kW | 3.48 | 3.48 | 4.61 | 6.40 | 7.92 |
| | Pdesign | kW | 8.00 | 8.00 | 10.0 | 20.0 | 22.0 |
| | SCOP/Energy Efficiency Class (or ηsc(A) %) | | 4.19/164.6 | 4.19/164.6 | 3.95/155.0 | 3.97/148.6 | 3.66/143.4 |
| Seasonal Energy Consumption | kWh/a | 2543 | 2543 | - | - | - | |
| Indoor Data | | | | | | | |
| Air Flow | High - Medium - Low | l/s | 250 - 200 - 150 | 250 - 200 - 150 | 250 - 200 - 150 | 392 - 278 - 208 | 392 - 278 - 208 |
| | High - Medium - Low | m ³ /h | 900 - 720 - 540 | 900 - 720 - 540 | 900 - 720 - 540 | 1410 - 1000 - 750 | 1410 - 1002 - 750 |
| Sound | Pressure High - Medium - Low | dB(A) | 37 - 35 - 28 | 37 - 35 - 28 | 37 - 35 - 28 | 41 - 36 - 29 | 41 - 36 - 29 |
| | Power High - Medium - Low | dB(A) | 52 - 50 - 43 | 52 - 50 - 43 | 52 - 50 - 43 | 56 - 51 - 44 | 56 - 51 - 44 |
| Unit | Height x Width x Depth | mm | 235 x 950 x 690 | 235 x 950 x 690 | 235 x 950 x 690 | 235 x 1270 x 690 | 235 x 1270 x 690 |
| | Weight | kg | 23 | 23 | 23 | 29 | 29 |
| Pipe Connection | Flare Connections (gas - liquid) | inch | 1/2 - 1/4 | 1/2 - 1/4 | 1/2 - 1/4 | 5/8 - 3/8 | 5/8 - 3/8 |
| | Height Difference Indoor To Indoor | m | ±0.5 | ±0.5 | ±0.5 | ±0.5 | ±0.5 |
| | Branch Kit (Sold Separately) | | RBC-TRP100E | RBC-TRP100E | RBC-TRP100E | RBC-TRP100E | RBC-TRP100E |
| | Outdoor Connection To Distributor (gas - liquid) | inch | 5/8 - 3/8 | 5/8 - 3/8 | 5/8 - 3/8 | 1-1/8 - 1/2 | 1-1/8 - 1/2 |
| | Sub Branch Line To Indoor (gas - liquid) | inch | 1/2 - 1/4 | 1/2 - 1/4 | 1/2 - 1/4 | 5/8 - 3/8 | 5/8 - 3/8 |
| | Max. Subtractive Separation Between Indoors | m | 10 | 10 | 10 | 10 | 10 |
| Power Cable | Max. Length Distributor To Furthest Indoor | m | 15 | 15 | 15 | 20 | 20 |
| | Drain Pipe Connection OD/ID | mm | VP26/20 | VP26/20 | VP26/20 | VP26/20 | VP20 |
| | Indoor to Indoor | | 2 core + earth | 2 core + earth | 3 core + earth | 3 core + earth | 2 core + earth |
| Remote Controller | | | RBC-AMT32E | RBC-AMT32E | RBC-AMT32E | RBC-AMT32E | RBC-AMT32E |
| Outdoor Data | | | | | | | |
| Operating Range | Cooling/Heating | °C | -15 to 46/-15 to 15 | -15 to 46/-15 to 15 | 43 to -15/15 to -15 | 46 to -15/15 to -20 | 46 to -15/15 to -20 |
| Air Flow | High | m ³ /h - l/s | 4200 - 1167 | 4200 - 1167 | 6180 - 1717 | 8000 - 2222 | 9000 - 2500 |
| Sound | Pressure High Cooling/Heating | dB(A) | 55/57 | 55/57 | 51/53 | 56/57 | 57/58 |
| | Power High Cooling/Heating | dB(A) | 70/74 | 70/74 | 68/70 | 72/74 | 74/75 |
| Unit | Height x Width x Depth | mm | 890 x 900 x 320 | 890 x 900 x 320 | 1340 x 900 x 320 | 1540 x 900 x 320 | 1540 x 900 x 320 |
| | Weight | kg | 68 | 69 | 99 | 134 | 134 |
| Pipe Connection | Flare Connections (gas - liquid) | inch | 5/8 - 3/8 | 5/8 - 3/8 | 5/8 - 3/8 | 1-1/8 - 1/2 | 1-1/8 - 1/2 |
| | Min.-Max. Length | m | 5-50 | 5-50 | 5-50 | 5-100 | 5-100 |
| | Maximum Height Difference | m | ±30 | ±30 | ±30 | ±30 | ±30 |
| | Drain Port Connection | mm | 16 | 16 | 16 | 16 | 16 |
| Refrigerant | Gas - Base Charge | kg | R32 - 2.1 | R32 - 2.1 | R410A - 3.1 | R410A - 5.9 | R410A - 5.9 |
| | Additional Charge Main Liquid Side | g/m | 35 | 35 | 40 | 80 | 80 |
| | Additional Charge Sub Liquid Side | g/m | 20 | 20 | 20 | 40 | 40 |
| Run Current | Maximum | A | 21.40 | 7.15 | 21.7 | 11.51 | 15.44 |
| Power Cable | Outdoor to Header Indoor | | 3 core + earth | 3 core + earth | 3 core + earth | 3 core + earth | 3 core + earth |
| Power Supply | Suggested Fuse Size | V/ph/Hz-A | 220-240/1/50-32 | 380-415/3/50-16 | 220-240/1/50-32 | 380-415/3/50-16 | 380-415/3/50-20 |
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For Features and Accessories, please refer to the individual single-split system units.