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DUALCOOL STANDARD PLUS

Single Combination

| UNIT | | | | 9K | 12K | 18K | 24K |
|--------------------------------|-----------------------|------------------------------|----------------------|-------------------------------|-------------------------------|---------------------------------|---------------------------------|
| INDOOR | | | | PC09SQ NSJ | PC12SQ NSJ | PC18SQ NSK | PC24SQ NSK |
| Capacity | Cooling | Min. / Rated / Max. | kW | 0.89 / 2.50 / 3.70 | 0.89 / 3.50 / 4.04 | 0.90 / 5.00 / 5.50 | 0.90 / 6.60 / 7.42 |
| | Heating | Min. / Rated / Max. | kW | 0.89 / 3.30 / 4.10 | 0.89 / 4.00 / 5.10 | 0.90 / 5.80 / 6.40 | 0.90 / 7.50 / 8.64 |
| | Heating -7°C | Rated | kW | 2.60 | 3.00 | 4.20 | 6.00 |
| Power Input | Cooling / Heating | Rated | W | 656 / 800 | 1,080 / 1,050 | 1,562 / 1,611 | 2,164 / 2,238 |
| EER | | | W/W | 3.81 | 3.24 | 3.20 | 3.05 |
| S.E.E.R. | | | | 7.00 | 6.60 | 7.00 | 6.90 |
| P design C | | | kW | 2.50 | 3.50 | 5.00 | 6.60 |
| COP | | | W/W | 4.13 | 3.81 | 3.60 | 3.35 |
| S.C.O.P | | (Average / Warmer) | | 4.00 / 4.90 | 4.00 / 4.90 | 4.30 / 5.30 | 4.30 / 5.30 |
| P design H (Average / Warmer) | | | kW | 2.50 / 1.30 | 2.50 / 1.30 | 3.90 / 2.10 | 5.00 / 2.70 |
| Energy Label (A+++ to D Scale) | Cooling | | | A++ | A++ | A++ | A++ |
| | Heating | (Average / Warmer) | | A+ / A++ | A+ / A++ | A+ / A+++ | A+ / A+++ |
| Annual Energy Consumption | Cooling | | kWh | 125 | 186 | 250 | 335 |
| | Heating | (Average / Warmer) | kWh | 875 / 371 | 875 / 371 | 1,270 / 555 | 1,628 / 713 |
| Sound Pressure | Cooling | S / L / M / H | dB(A) | 19 / 27 / 35 / 41 | 19 / 27 / 35 / 41 | 31 / 34 / 39 / 44 | 31 / 34 / 42 / 47 |
| | Heating | L / M / H | dB(A) | 27 / 35 / 41 | 27 / 35 / 41 | 34 / 39 / 44 | 34 / 42 / 47 |
| Sound Power | Cooling | | dB(A) | 59 | 59 | 60 | 65 |
| Air Flow Rate | Cooling | S / L / M / H / Max. (Power) | m ³ /min | 3.0 / 4.2 / 7.5 / 10.0 / 12.5 | 3.0 / 4.2 / 7.5 / 10.0 / 12.5 | 8.0 / 10.5 / 13.0 / 14.5 / 15.5 | 8.0 / 10.5 / 13.1 / 16.1 / 18.3 |
| | Heating | L / M / H | m ³ /min | 5.6 / 7.2 / 10.0 | 5.6 / 7.2 / 10.0 | 11.0 / 13.5 / 16.0 | 11.0 / 14.3 / 17.6 |
| Dehumidification Rate | | | l/h | 1.1 | 1.3 | 1.8 | 2.5 |
| Running Current | Cooling | Min. / Rated / Max. | A | 1.10 / 3.30 / 6.00 | 1.10 / 4.70 / 6.00 | 1.20 / 6.90 / 9.00 | 1.20 / 9.80 / 14.00 |
| | Heating | Min. / Rated / Max. | A | 1.10 / 4.00 / 7.00 | 1.10 / 4.70 / 7.00 | 1.20 / 7.10 / 9.50 | 1.20 / 10.00 / 14.00 |
| Starting Current | Cooling / Heating | Rated | A | 3.30 / 4.00 | 4.70 / 4.70 | 6.90 / 7.10 | 9.80 / 10.00 |
| Power Supply | | | Ø / V / Hz | 1 / 220-240 / 50 | 1 / 220-240 / 50 | 1 / 220-240 / 50 | 1 / 220-240 / 50 |
| Circuit Breaker | | | A | 15 | 15 | 20 | 25 |
| Power Supply Cable | | | N x mm ² | 3 x 1.0 | 3 x 1.0 | 3 x 1.5 | 3 x 2.5 |
| Power & Transmission Cable | | | N x mm ² | 4 x 1.0 (Including Earth) | 4 x 1.0 (Including Earth) | 4 x 1.0 (Including Earth) | 4 x 1.0 (Including Earth) |
| Dimension | | | mm | 837 x 308 x 189 | 837 x 308 x 189 | 998 x 345 x 210 | 998 x 345 x 210 |
| Net Weight | | | kg | 8.7 | 8.7 | 11.9 | 12.7 |
| Fan Motor Output | | | W | 30 | 30 | 30 | 58 |
| OUTDOOR | | | | PC09SQ UA3 | PC12SQ UA3 | PC18SQ UL2 | PC24SQ U24 |
| Operation Range | Cooling | Min. / Max. | °C DB | -10 / 48 | -10 / 48 | -15 / 48 | -15 / 48 |
| | Heating | Min. / Max. | °C DB | -10 / 24 | -10 / 24 | -10 / 24 | -10 / 24 |
| Sound Pressure | Cooling / Heating | High | dB(A) | 48 / 50 | 48 / 50 | 53 / 55 | 54 / 57 |
| Sound Power | Cooling | High | dB(A) | 65 | 65 | 65 | 70 |
| Air Flow Rate | | High | m ³ /min | 27 | 27 | 35 | 49 |
| Piping | Liquid (ODU / IDU) | Min. / Max. | m | 3 / 15 | 3 / 15 | 3 / 20 | 3 / 30 |
| | Elevation (ODU / IDU) | Min. / Max. | m | 7 | 7 | 10 | 15 |
| Piping Connection | Liquid | OD (Outside) | mm (inch) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) | 6.35 (1/4) |
| | Gas | OD (Outside) | mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 15.88 (5/8) |
| Drain Hose Size | | OD (Outside) | mm (inch) | 21.5 (27/32) | 21.5 (27/32) | 21.5 (27/32) | 21.5 (27/32) |
| Refrigerant | Type | | | R32 | R32 | R32 | R32 |
| | Charge at 7.5m | | kg | 0.700 | 0.700 | 1.000 | 1.100 |
| | Additional Charge | | t-CO ₂ eq | 0.473 | 0.473 | 0.675 | 0.743 |
| | GWP | | g/m | 20 | 20 | 20 | 20 |
| Fan Motor Output | | | W | 675 | 675 | 675 | 675 |
| Compressor Type | | | | 43 | 43 | 43 | 85 |
| Compressor Type | | | | Inverter Twin Rotary | Inverter Twin Rotary | Inverter Twin Rotary | Inverter Twin Rotary |
| Net Weight | | | kg | 25.1 | 25.1 | 34.4 | 46.0 |
| Dimension | | | mm | 717 x 495 x 230 | 717 x 495 x 230 | 770 x 545 x 288 | 870 x 650 x 330 |
| ACCESSORIES & OTHERS | | | | | | | |
| Multi Compatible | | | | Y | Y | Y | Y |
| PI 485 | | | | - | - | - | - |
| Dry Contact | | | | Y | Y | Y | Y |
| Wired Remote Controller | | | | Y | Y | Y | Y |

- ▣ This product contains Fluorinated greenhouse gases (R32).
- ▣ S : Sleep / L : Low / M : Medium / H : High
- ▣ GWP : Global warming potential
- ▣ t-CO₂eq : F-gas(kg)*GWP/1000
- ▣ Specification, design and feature are subject to change without prior notice.