

| Model Name | | Unit | 12K 3 Star | 18K 3 Star | 24K 3 Star | 12K 5 Star | 18K 5 Star | 24K 5 Star |
|----------------------------|------------------------|---------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| | | | Inverter | Inverter | Inverter | Inverter | Inverter | Inverter |
| Performance | Cooling Capacity | Btu / W | 3500/1750 | 5100/2550 | 6250/3125 | 3450/1725 | 5050/2525 | 6100/3050 |
| | Power | W | 1100/420 | 1660/608 | 1980/740 | 840/310 | 1250/445 | 1500/560 |
| | Rated Current | A | 4.8 | 7.1 | 8.8 | 3.8 | 5.7 | |
| | ISEER | | 3.95 | 3.90 | 3.96 | 5.19 | 5.2 | 5.10 |
| | Star | | 3 | 3 | 3 | 5 | 5 | 5 |
| Electrical Data | Voltage | V | 230V | 230V | 230V | 230V | 230V | 230V |
| | Input Range | V | 207-253V | 207-253V | 207-253V | 207-253V | 207-253V | 207-253V |
| Indoor Fan Motor | Make | | BLDC-Nideco/Welling | BLDC-Nideco/Welling | BLDC-Nideco/Welling | BLDC-Nideco/Welling | BLDC-Nideco/Welling | BLDC-Nideco/Welling |
| | Model BLDC | | 18W / 30W | 30W | 30W | 18W / 30W | 30W | 57W |
| | Speed(Turbo/Hi/Mi/Lo) | RPM | 1250/1050/1000/950 | 1250/1050/1000/950 | 1350/1050/1000/950 | 1350/1050/1000/950 | 1250/1050/1000/950 | 1350/1050/1000/950 |
| Indoor Air Flow | Turbo | CMH | 780 | 1050 | 1150 | 780 | 1050 | 1350 |
| Indoor Noise(Hi/Low Speed) | | dB(A) | 44/40 | 49/43 | 49/43 | 44/40 | 49/43 | 49/47/49/51 |
| IDU Dimension | Net Dim(W * D * H) | mm | 800X295X230 (i3) | 1000X295X230 (i2) | 1000X295X230 (i2) | 800X295X230 (i3) | 1000X295X230 (i2) | 1100X250X330 (i4) |
| | Packing Dim(W * D * H) | mm | 890X352X290mm | 1085 X 295 X 360mm | 1085 X 295 X 360mm | 890X352X290mm | 1085 X 295 X 360mm | 1190 X 400 X 320mm |
| Outdoor Noise Level | dB | dB(A) | 60 | 60 | 60 | 60 | 60 | 60 |
| ODU Dimension | Net Dim(W * H * D) | mm | 780 x 241 x 557mm | 780 x 241 x 557mm | 780 x 241 x 557mm | 780X557X281 | 780X557X281 | 810 x 301 x 645(A24) |
| | Packing Dim(W * H * D) | mm | 925 X 602 X 355mm | 925 X 602 X 355mm | 925 X 602 X 355mm | 925 X 605 X 395 | 925 X 605 X 395 | 935 x 415 x 715 |
| Refrigerant Type | | | R32 | R32 | R32 | R32 | R32 | R32 |

| Model Name | | Unit | 12K 2 Star | 18K 2 Star | 24K 2 Star | 12K 3 Star | 18K 3 Star | 24K 3 Star |
|----------------------------|------------------------|---------|--------------------|--------------------|----------------------|----------------------|-----------------------|-----------------------|
| | | | Fix Speed | Fix Speed | Fix Speed | Fix Speed | Fix Speed | Fix Speed |
| Performance | Cooling Capacity | Btu / W | 3400 | 5200 | 6400 | 3450 | 5100 | 6100 |
| | Power | W | 950 | 1445 | 1800 | 875 | 1325 | 1570 |
| | Rated Current | A | 4.2 | 6.4 | 7.76 | 3.7 | 5.6 | 7.9 |
| | ISEER | | 3.58 | 3.60 | 3.56 | 3.94 | 3.85 | 3.89 |
| | Star | | 2 | 2 | 2 | 3 | 3 | 3 |
| Indoor Fan Motor | Model BLDC | | 18 W / 30 W | 30 W | 57W | 18W / 30W | 30W | 30W |
| | Speed(Turbo/Hi/Mi/Lo) | RPM | 1270/1050/1000/950 | 1270/1050/1000/950 | 1270/1100/1030/950 | 1300/1100/1030/950 | 1270/1100/1030/950 | 1270/1100/1030/950 |
| Indoor Air Flow | Turbo | CMH | 750 | 1080 | | Blue | Blue | |
| Indoor Noise(Hi/Low Speed) | | dB(A) | 44/42 | 46/42 | 50/46 | 780 | 1150 | 50/46 |
| IDU Dimension | Net Dim(W * D * H) | mm | 800 x 230 x 295 | 1000 x 230 x 295 | 1100 x 250x330 (i4) | 800 x 222 x 292 (i3) | 1000 x 230 x 295 (i2) | 1100 x 250x330 (i4) |
| | Packing Dim(W * D * H) | mm | 885 x 295 x 360 | 1085 x 295 x 360 | 1190 x 320 x 400 | 890 x 352 x 287 | 1100 x 352 x 287 | 1190 x 320 x 400 |
| Outdoor Noise Level | dB | dB(A) | 60 | 60 | 60 | 56 | 58 | 58 |
| ODU Dimension | Net Dim(W * H * D) | mm | 780 x 241 x 557mm | 780 x 241 x 557mm | 810 x 301 x 594(A22) | 780 x 241 x 557mm | 810 x 301 x 594 (A22) | 810 x 301 x 594 (A22) |
| | Packing Dim(W * H * D) | mm | 925 X 602 X 355mm | 925 X 602 X 355mm | 935 x 415 x 665 | 925 X 602 X 355mm | 935 x 415 x 665 | 935 x 415 x 665 |
| Refrigerant Type | | | R32 | R32 | R32 | R32 | R32 | R32 |

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CATALOGUE
AIR CONDITIONERS 2023



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NAPOLEON IDU 920MM



| Napoleon Split IDU Specs | | | |
|----------------------------|------------------------------|---------|----------------------------------|
| Model No | | | NAP18-53A 920AX(Φ7x2) |
| Power supply | | Ph-V-Hz | 1Ph, 220-240V~, 50Hz |
| Cooling | Capacity | Btu/h | 18,000 |
| | Capacity | W | 5,080 |
| | Speed(Hi/Mi/Lo) | r/min | 1280 |
| INDOOR UNIT BLOWER | BLOWER DIAMETER | mm | 107MM |
| | BLOWER LENGTH | mm | 930MM |
| Indoor coil | Number of rows | | 2 |
| | Tube pitch(a)x row pitch(b) | mm | 21x12.7 |
| | Fin spacing | mm | 19 |
| | TYPE OF COIL (STRAIGHT/BEND) | / | BEND |
| | FIN THICKNESS | mm | 0.105 |
| | NO OF U TUBE | Nos | 16 |
| | Tube outside dia.and type | mm | Φ7,innergroove tube |
| | Coil length x height x width | mm | 716 X25.4 |
| Indoor air flow (Hi/Mi/Lo) | | m3/h | 4 in 4 out 900 / 680 /605/520 |
| Indoor unit | Dimension(W*D*H) | mm | 930X232X315 |
| | Packing (W*D*H) | mm | 1015X385X310 |
| | Net/Gross weight | Kg | 11/12 KG. |
| Thermostat type | | | Remote Control |
| Operation temp | | °C | 16-31 |

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OUTDOOR UNIT



ODU 20 " | ODU 22"

Outdoor unit Dimensions (L*H*D) 20 " L-780-H-545-D-255
Suitable for Rotary Compressor

Outdoor unit Dimensions (L*H*D) 22"L-815-H-600-D-300
Suitable for Rotary & Receipt Compressor



ODU 26" | ODU 32"

Outdoor unit Dimensions (L*H*D) 26"L-860-H-650-D-310
Suitable for Rotary & Receipt Compressor

Outdoor unit Dimensions (L*H*D) 32"L-905-H-820-D-324
Suitable for Rotary & Receipt Compressor