

Technical data

Nova



| Model | | | NOV09TC1 | NOV12TC1 | NOV18TC1 | NOVPLA24TC1 |
|---|---|--------|---------------------------|---------------------------|----------------------------|----------------------------|
| Power Supply | | F/V/Hz | 220-240V~/50Hz/1P | 220-240V~/50Hz/1P | 220-240V~/50Hz/1P | 220-240V~/50Hz/1P |
| Cooling | Capacity | kW | 2.61(0.94~3.70) | 3.51(1.00~4.60) | 5.10(1.25~5.92) | 6.91(1.83~7.82) |
| | Cooling Power Input nom (min-max) | kW | 0.69 (0.24~1.38) | 1.00(0.29~1.51) | 1.26(0.33~2.350) | 1.94(0.41~2.83) |
| | Cooling Current | A | 3.3(1.2~8.1) | 4.6(1.5~9.2) | 5.6(1.7~12.0) | 8.7(2.3~15.5) |
| | SEER | | 8.5 | 8.5 | 8.5 | 8.5 |
| | Energy Class | | A+++ | A+++ | A+++ | A+++ |
| Heating | Capacity | kW | 3.00(0.94~4.00) | 3.80(1.00~4.90) | 5.80(1.25~6.69) | 7.10(1.85~7.96) |
| | Power Pdesign (-10°C, medium climate zone) | kW | 2.40 | 2.60 | 4.50 | 5.50 |
| | Cooling Power Input nom (min-max) | kW | 0.74(0.24~1.55) | 0.97(0.29~1.72) | 1.33(0.340~2.54) | 1.81(0.42~3.01) |
| | Cooling Current | A | 3.7(1.2~9.0) | 4.4(1.5~10.0) | 5.9(1.7~13.0) | 8.0(2.3~16.0) |
| | SCOP | | 4,6 | 4,6 | 4,6 | 4,6 |
| | Energy efficiency class (medium climate zone) | | A++ | A++ | A++ | A++ |
| Wi-Fi | | +/- | + | + | + | + |
| Indoor Unit | | | | | | |
| Dimension (WxHxD) | | mm | 790×275×192 | 820×306×195 | 1100×333×222 | 1100×333×222 |
| Dimension of Package (LxWxH) | | mm | 860×345×265 | 890×380×265 | 1165×405×295 | 1165×405×295 |
| Weight netto | | kg | 8,5 | 9,5 | 13 | 14 |
| Weight brutto | | kg | 10,5 | 12 | 16 | 17 |
| Air Flow Volume | | m3/h | 560 | 670 | 1000 | 1100 |
| Sound Pressure Level 1m distance | | db(A) | 42/38/33/27/21 | 43/38/33/29/22 | 47/42/38/32/28 | 48/45/40/34/30 |
| Sound Power | | db(A) | 52/48/43/37/31 | 53/48/43/38/32 | 57/54/50/45/40 | 58/55/50/43/40 |
| Outdoor Unit | | | | | | |
| Dimension (WxHxD) | | mm | 795×549×305 | 795×549×305 | 920×699×380 | 967×803×421 |
| Dimension of Package (WxHxD) | | mm | 835×328×575 | 835×328×575 | 949×732×392 | 1022×835×480 |
| Weight netto | | kg | 23 | 25 | 37 | 47 |
| Weight brutto | | kg | 25 | 28 | 40 | 50 |
| Air Flow Volume | | m3/h | 2200 | 2200 | 3000 | 4000 |
| Sound Pressure Level | | db(A) | 51 | 53 | 54 | 59 |
| Sound Power | | db(A) | 61 | 63 | 64 | 69 |
| Connection Pipe | Refrigerant Pipe | in/mm | 1/4"-3/8" / (Ø6.35-Ø9.52) | 1/4"-3/8" / (Ø6.35-Ø9.52) | 1/4"-1/2" / (Ø6.35-Ø12.70) | 1/4"-1/2" / (Ø6.35-Ø12.70) |
| | Amount of Refrigerant R32 | kg | R32/0.45kg/675/0.304 t. | R32/0.63kg/675/0.426 t. | R32/1.14kg/675/0.770 t. | R32/1.27kg/675/0.858 t. |
| | Additional amount of Refrigerant | g/m | 20 | 20 | 30 | 30 |
| | Track length without additional Refrigerant | m | 5 | 5 | 5 | 5 |
| | Max. Distance Length | m | 25 | 25 | 25 | 25 |
| | Max. Elevation | m | 10 | 10 | 10 | 10 |
| Power Cable | Power Cable | mm2 | 3x1.0 | 3x1.5 | 3x1.5 | 3x2.5 |
| | Automatic Switch | A | 10 | 16 | 16 | 20 |
| | Communication Cable | mm2 | 5×1.0mm ² | 5×1.0mm ² | 5×1.5mm ² | 5×1.5mm ² |
| Cooling Operation Ambient Temperature Range | | °C | -15~53 | -15~53 | -15~53 | -15~53 |
| Heating Operation Ambient Temperature Range | | °C | -25~30 | -25~31 | -25~32 | -25~33 |