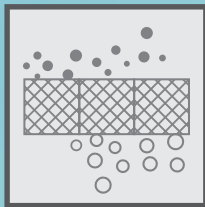
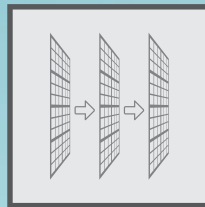


# NOBU

# TORO



Active Carbon  
Filter



Triple Action  
Filter



Wi-Fi  
Ready



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# NOBU

# TORO



09/12/18/24K Btu/h

| MODEL NAMES                                       |   | NBTR-VI32-09WFR / NBTR-VO32-09      | NBTR-VI32-12WFR / NBTR-VO32-12 | NBTR-VI32-18WFR / NBTR-VO32-18 | NBTR-VI32-24WFR / NBTR-VO32-24 |       |
|---|---|-------------------------------------|--------------------------------|--------------------------------|--------------------------------|-------|
| Cooling Capacity (Btu/h)                          |   | 9.000 (1.706-9.895)                 | 12.000 (2.730-11.942)          | 18.000 (4.095-18.426)          | 24.000 (4.777-24.909)          |       |
| Cooling Capacity (kWatt)                          |   | 2.60 (0.50-2.90)                    | 3.50 (0.80-3.50)               | 5.25 (1.20-5.40)               | 7.00 (1.40-7.30)               |       |
| Heating Capacity (Btu/h)                          |   | 10.000 (1.706-10.578)               | 12.000 (3.412-12.284)          | 19.000 (4.095-19.790)          | 24.000 (3.071-24.226)          |       |
| Heating Capacity (kWatt)                          |   | 2.80 (0.50-3.10)                    | 2.80 (0.50-3.10)               | 5.50 (1.20-5.80)               | 7.00 (0.90-7.10)               |       |
| Seasonal Efficiency<br>(In accordance to EN14825) | Cooling                                 | Pdesign (kW)                        | 2.6                            | 3.2                            | 5.3                            | 6.7   |
|   |   | Energy Class                        | A++                            | A++                            | A++                            | A++   |
|   |   | SEER                                | 6.15                           | 6.10                           | 6.57                           | 6.89  |
|   |   | Annual Power Consumption (kWh/year) | 149                            | 184                            | 283                            | 341   |
|   | Heating<br>(Middle Zone)                | Pdesign (kW)                        | 2.2                            | 2.4                            | 4.4                            | 5.7   |
|   |   | Energy Class                        | A+                             | A+                             | A+                             | A+    |
|   |   | SCOP                                | 4.10                           | 4.07                           | 4.02                           | 5.11  |
|   |   | Annual Power Consumption (kWh/year) | 752                            | 826                            | 1.535                          | 1.940 |
|   | Heating<br>(Warm Zone)                  | Pdesign (kW)                        | 2.4                            | 2.7                            | 5.5                            | 7.0   |
|   |   | Energy Class                        | A++                            | A++                            | A+++                           | A+++  |
|   |   | SCOP                                | 5.08                           | 4.82                           | 5.4                            | 5.25  |
|   |   | Annual Power Consumption (kWh/year) | 663                            | 784                            | 1.426                          | 1.867 |
| Voltage/Frequency/Phase (V/Hz/Ph)                 |   | 220-240/50/1                        | 220-240/50/1                   | 220-240/50/1                   | 220-240/50/1                   |       |
| Current Input (A)                                 | Cooling                                 | 4.2 (0.6-7.0)                       | 7.0 (0.7-7.8)                  | 7.5 (0.6-8.8)                  | 12.5 (0.7-13.2)                |       |
|   | Heating                                 | 5.6 (1.0-7.0)                       | 6.0 (1.5-8.0)                  | 9.7 (1.2-9.7)                  | 11.5 (1.2-11.6)                |       |
| Power Input (W)                                   | Cooling                                 | 800 (100-1.300)                     | 1.090 (100-1.600)              | 1.660 (90-2.000)               | 2.200 (130-3.000)              |       |
|   | Heating                                 | 750 (100-1.400)                     | 970 (300-1.600)                | 1.490 (200-2.200)              | 1.960 (200-2.700)              |       |
| Air Flow Volume (Turbo/High/Medium/Low) (m³/h)    |   | 560/497/482/358                     | 560/497/482/358                | 850/750/657/564                | 1.150/1.010/902/795            |       |
| Noise Level [dB(A)]                               | Indoor unit<br>(Silent/Low/Medium/High) | 25/31/37/43                         | 26/33/39/44                    | 30/36/41/47                    | 31/37/43/48                    |       |
|   | Outdoor unit                            | 51                                  | 52                             | 56                             | 58                             |       |
| Sound Power Level [dB(A)]                         | Indoor unit                             | 57                                  | 53                             | 58                             | 60                             |       |
|   | Outdoor unit                            | 61                                  | 59                             | 64                             | 65                             |       |
| Compressor Type                                   |   | ROTARY                              | ROTARY                         | ROTARY                         | ROTARY                         |       |
| Liquid line   Gas line                            |   | 1/4"   3/8"                         | 1/4"   3/8"                    | 1/4"   1/2"                    | 1/4"   5/8"                    |       |
| Power Supply Wire Outdoor / Fuses (Noxmm²) / (A)  |   | 3x1.5 / 10                          | 3x1.5 / 10                     | 3x1.5 / 10                     | 3x2.5 / 16                     |       |
| Signal Wires (Noxmm²)                             |   | 5x1.0                               | 5x1.0                          | 5x1.5                          | 5x2.5                          |       |
| Dimensions (WxDxH) (mm)                           | Indoor unit                             | 750x200x285                         | 750x200x285                    | 900x225x310                    | 1.082x233x330                  |       |
|   | Outdoor unit                            | 730x285x545                         | 730x285x545                    | 800x315x545                    | 900x350x700                    |       |
| Net Weight (kg)                                   | Indoor/Outdoor                          | 7.5/25.0                            | 8.0/25.0                       | 12.0/35.0                      | 15.0/45.0                      |       |
| Refrigerant/Charge (g)                            |   | R32 / 530                           | R32 / 600                      | R32 / 1.280                    | R32 / 1.440                    |       |
| Outdoor Operation Temperature Range (°C)          | Cooling                                 | 16-47                               | 16-47                          | 16-47                          | 16-47                          |       |
|   | Heating                                 | -15-32                              | -15-32                         | -15-32                         | -15-32                         |       |



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