

# Vertical Mount Indoor Air Conditioner, E-NEXT



This vertical cooling unit, E-NEXT, with a IP55 - NEMA TYPE12 protection degree, is available in many different sizes for different cooling requirements. This means that the right cooling solution easily can be chosen, including stainless steel for demanding environments.

## FEATURES

**Advanced Microport :** Allows users to configure whether the internal fan should remain active or be disabled when the microport is opened.

**ECO Mode:** Integrated as standard across the entire range to optimize energy efficiency and reduce power consumption.

**Temperature Unit Conversion (°C / °F) :** Seamlessly switch between Celsius and Fahrenheit by modifying a single parameter.

**Predictive Maintenance :** A smart self-learning system monitors performance and notifies users when maintenance is required, minimizing downtime.

**Service Mode :** Enables a quick diagnostic check to verify correct operation of the unit.

**Water Condense management :** All models are equipped with an external condensate discharge system, from 1000 W and above. This energy-free system eliminates condensate without requiring external drainage or power supply.

**Integrated Strip Seals :** Factory-installed sealing strips ensure a perfect fit between the air conditioner and the electrical enclosure, providing high IP protection and simplifying installation.

**Flexible Installation Options :** Available for standard external mounting or semi-recessed installation. Cut-out templates and technical drawings for semi-recessed versions are available on the resources page.

**Magnetic Filter Mounting System :** Simplifies filter replacement while preserving the sleek, modern design of the E-NEXT range.

**Digital Thermostat (TX-i40) :** Offers full control and flexibility with an intuitive interface and advanced connectivity options.

## SPECIFICATIONS

Table 1/5

| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NXT04B0T1U00000 | 380W                     | 240W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT40B0E1U00000 | 3850W                    | 2650W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT04C0T1U00009 | 380W                     | 240W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT20C0E1U00000 | 2000W                    | 1500W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT08C0E1U00009 | 880W                     | 705W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT30B0E1C00009 | 3000W                    | 2210W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT16C0E1U00009 | 1600W                    | 1100W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT04C0T1U00000 | 380W                     | 240W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT04B0T1U00009 | 380W                     | 240W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT12B0E1U00000 | 1250W                    | 930W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT20C0E1U00009 | 2000W                    | 1500W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT06B0E1U00000 | 720W                     | 555W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT20B0E1C00009 | 2000W                    | 1500W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| EGOS3BT1B       | 300W                     | 150W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT12B0E1U00009 | 1250W                    | 930W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT16C0E1U00000 | 1600W                    | 1100W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT12B0E1C00000 | 1250W                    | 930W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT16B0E1C00009 | 1600W                    | 1100W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT12B0E1C00009 | 1250W                    | 930W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT12C0E1U00000 | 1250W                    | 930W                     | 115V            | 1Ph              | 60 Hz     | R513A       |

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| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NXT30B0E1U00009 | 3000W                    | 2210W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT20B0E1U00000 | 2000W                    | 1500W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT10B0E1U00000 | 1000W                    | 760W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT40B0E1C00009 | 3850W                    | 2650W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT08C0E1U00000 | 880W                     | 705W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT10B0E1U00009 | 1000W                    | 760W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT08B0E1U00009 | 880W                     | 705W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| EGOS3BT19       | 300W                     | 150W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT08B0E1U00000 | 880W                     | 705W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT10C0E1U00000 | 1000W                    | 760W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT04B0T1C00000 | 380W                     | 240W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT30B0E1U00000 | 3000W                    | 2210W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |

| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NXT40B0E1U00009 | 3850W                    | 2650W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT06C0E1U00009 | 720W                     | 555W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT04B0T1C00009 | 380W                     | 240W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT10C0E1U00009 | 1000W                    | 760W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT06C0E1U00000 | 720W                     | 555W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT20B0E1C00000 | 2000W                    | 1500W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT20B0E1U00009 | 2000W                    | 1500W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT06B0E1U00009 | 720W                     | 555W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |

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| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NXT40B0E1C00000 | 3850W                    | 2650W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT16B0E1U00000 | 1600W                    | 1100W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT12C0E1U00009 | 1250W                    | 930W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NXT30B0E1C00000 | 3000W                    | 2210W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT16B0E1U00009 | 1600W                    | 1100W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NXT16B0E1C00000 | 1600W                    | 1100W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| NXT08K0E1C00000 | 880W                     | 705W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT06K0E1C00009 | 720W                     | 555W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT10K0E1U00000 | 1000W                    | 760W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT16K0E1C00000 | 1600W                    | 1100W                    | 400V, 460V      | 2Ph              | 50/60 Hz  | R134a       |
| NXT04K0T1C00000 | 380W                     | 240W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT16K0E1U00009 | 1600W                    | 1100W                    | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT06K0E1C00000 | 720W                     | 555W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT10K0E1U00009 | 1000W                    | 760W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT16K0E1C00009 | 1600W                    | 1100W                    | 400V, 460V      | 2Ph              | 50/60 Hz  | R134a       |
| NXT12K0E1C00009 | 1250W                    | 930W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT04K0T1C00009 | 380W                     | 240W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT16K0E1U00000 | 1600W                    | 1100W                    | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT08K0E1C00009 | 880W                     | 705W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NXT12K0E1C00000 | 1250W                    | 930W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |

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| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NXT30H0E1C00000 | 3000W                    | 2210W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R134a       |
| EGO60MTEB       | 5800W                    | 4350W                    | 400V            | 3Ph              | 50 Hz     | R407C       |
| NXT40H0E1U00000 | 3850W                    | 2650W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |

| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NXT60H0E1U00009 | 5400W                    | 4200W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| EGO5NTEB        | 15150W                   | 11600W                   | 460V            | 3Ph              | 60 Hz     | R410A       |
| EGO80MTE9       | 7600W                    | 5700W                    | 400V            | 3Ph              | 50 Hz     | R134a       |
| NXT60H0E1U00000 | 5400W                    | 4200W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| NXT20H0E1U00000 | 2000W                    | 1500W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| NXT40H0E1U00009 | 3850W                    | 2650W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| EGO40NTE9       | 9850W                    | 7350W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| EGO40MTEB       | 9400W                    | 7000W                    | 400V            | 3Ph              | 50 Hz     | R134a       |
| EGO60NTEB       | 6050W                    | 4530W                    | 460V            | 3Ph              | 60 Hz     | R407C       |
| NXT30H0E1U00009 | 3000W                    | 2210W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| NXT40H0E1C00009 | 3850W                    | 2650W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R134a       |
| EGO5MTEB        | 14800W                   | 11300W                   | 400V            | 3Ph              | 50 Hz     | R410A       |
| EGO40MTE9       | 9400W                    | 7000W                    | 400V            | 3Ph              | 50 Hz     | R134a       |
| NXT40H0E1C00000 | 3850W                    | 2650W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R134a       |
| EGO60MTE9       | 6050W                    | 4530W                    | 460V            | 3Ph              | 60 Hz     | R407C       |
| NXT20H0E1C00009 | 2000W                    | 1500W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R134a       |
| NXT30H0E1C00009 | 3000W                    | 2210W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R134a       |

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| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| EGO40NTEB       | 9850W                    | 7350W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| EGO5MTE9        | 14800W                   | 11300W                   | 400V            | 3Ph              | 50 Hz     | R410A       |
| EGO80NTEB       | 7950W                    | 5930W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| EGO60MTE9       | 5800W                    | 4350W                    | 400V            | 3Ph              | 50 Hz     | R407C       |
| NXT20H0E1C00000 | 2000W                    | 1500W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R134a       |
| EGO5NTE9        | 15150W                   | 11600W                   | 460V            | 3Ph              | 60 Hz     | R410A       |
| NXT20H0E1U00009 | 2000W                    | 1500W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| EGO80NTE9       | 7950W                    | 5930W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| NXT30H0E1U00000 | 3000W                    | 2210W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| EGO80MTEB       | 7600W                    | 5700W                    | 400V            | 3Ph              | 50 Hz     | R134a       |

## ADDITIONAL PRODUCT DETAILS

Integrated Modbus RTU (RS485) Available for all units equipped with the TX-i40 thermostat, enabling seamless integration into industrial communication networks.

Advanced Sequencing Allows two units to operate in coordinated sequence for load balancing and redundancy, extending system lifespan.

Low-Noise Version Optional configuration with modulated-speed fans for quiet operation in residential or noise-sensitive commercial environments.

## WARNING

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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