

# Vertical Mount Outdoor Air Conditioner, E-NOX



This outdoor vertical cooling unit, E-NOX, with a IP55 - NEMA TYPE 4 (4X Stainless Steel frame) protection degree, is available in many different sizes for different outdoor cooling requirements. This means that the right cooling solution can be chosen easily. The cooling unit is easy to install and is also available in stainless steel for harsh 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.

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

**Digital Thermostat (TX-i40) :** Offers full control and flexibility with an intuitive interface and advanced connectivity options, in NOX series thermostat is provided with 3 meter cable with a din bar metal support to be fixed into the enclosure, so display will be protected against water and dust.

**Condenser surface coating :** surface coating will prevent condenser failure due harsh environment.



## SPECIFICATIONS

Table 1/3

| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NOX06C0E1U00000 | 720W                     | 555W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX20B0E1U00000 | 2000W                    | 1500W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX08B0E1U00000 | 880W                     | 705W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX10B0E1U00000 | 1000W                    | 760W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX12B0E1U00009 | 1250W                    | 930W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX40B0E1U00000 | 3850W                    | 2650W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX06C0E1U00009 | 720W                     | 555W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX16B0E1U00009 | 1600W                    | 1100W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX20B0E1U00009 | 2000W                    | 1500W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX10B0E1U00009 | 1000W                    | 760W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX16C0E1U00009 | 1600W                    | 1100W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX12C0E1U00009 | 1250W                    | 930W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX16B0E1U00000 | 1600W                    | 1100W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX10C0E1U00000 | 1000W                    | 760W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX20C0E1U00009 | 2000W                    | 1500W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX20C0E1U00000 | 2000W                    | 1500W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX12B0E1U00000 | 1250W                    | 930W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX06B0E1U00009 | 720W                     | 555W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX06B0E1U00000 | 720W                     | 555W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX10C0E1U00009 | 1000W                    | 760W                     | 115V            | 1Ph              | 60 Hz     | R513A       |

Table 2/3

| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NOX16C0E1U00000 | 1600W                    | 1100W                    | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX30B0E1U00009 | 3000W                    | 2210W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX08C0E1U00009 | 880W                     | 705W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX12C0E1U00000 | 1250W                    | 930W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX08B0E1U00009 | 880W                     | 705W                     | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX40B0E1U00009 | 3850W                    | 2650W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX08C0E1U00000 | 880W                     | 705W                     | 115V            | 1Ph              | 60 Hz     | R513A       |
| NOX30B0E1U00000 | 3000W                    | 2210W                    | 230V            | 1Ph              | 50/60 Hz  | R513A       |
| NOX12K0E1C00000 | 1250W                    | 930W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX12K0E1C00009 | 1250W                    | 930W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX16K0E1U00009 | 1600W                    | 1100W                    | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX16K0E1U00000 | 1600W                    | 1100W                    | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX08K0E1C00009 | 880W                     | 705W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |

| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NOX10K0E1U00000 | 1000W                    | 760W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX06K0E1C00009 | 720W                     | 555W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX06K0E1C00000 | 720W                     | 555W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX08K0E1C00000 | 880W                     | 705W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX10K0E1U00009 | 1000W                    | 760W                     | 400V, 460V      | 2Ph              | 50/60 Hz  | R513A       |
| NOX20H0E1U00009 | 2000W                    | 1500W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| NOX40H0E1U00009 | 3850W                    | 2650W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |

Table 3/3

| Catalog Number  | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|-----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| NOX20H0E1U00000 | 2000W                    | 1500W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| EMOA0NMEB       | 9850W                    | 7350W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| EMO80NME9       | 7950W                    | 5930W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| NOX60H0E1U00000 | 5400W                    | 4200W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| NOX30H0E1U00000 | 3000W                    | 2210W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| EMO80NMEB       | 7950W                    | 5930W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| NOX60H0E1U00009 | 5400W                    | 4200W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| NOX40H0E1U00000 | 3850W                    | 2650W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |
| EMOA0NME9       | 9850W                    | 7350W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| NOX30H0E1U00009 | 3000W                    | 2210W                    | 400V, 460V      | 3Ph              | 50/60 Hz  | R513A       |

## 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

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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