

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.

CERTIFICATIONS



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-NEXT 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 1/4

Catalog Number	Cooling Capacity, L35L35	Cooling Capacity, L35L50	Nominal Voltage	Number of Phases	Frequency	Material
NOX16B0E1U0 0000	1600W	1100W	230V	1Ph	50/60 HzHz	Galvanized Steel
NOX40B0E1U0 0000	3850W	2650W	230V	1Ph	50/60 HzHz	Galvanized Steel
NOX20B0E1U0 0000	2000W	1500W	230V	1Ph	50/60 HzHz	Galvanized Steel

Table 2/4

Catalog Number	Color Code	Height	Operating Temperature	Ambient Temperature	Width	Depth
NOX16B0E1U0 0000	RAL 7035	1000mm	-20 to 55°C	20 – 45°C	400mm	250mm
NOX40B0E1U0 0000	RAL 7035	1270mm	-20 to 55°C	20 – 45°C	500mm	336mm
NOX20B0E1U0 0000	RAL 7035	1000mm	-20 to 55°C	20 – 45°C	400mm	250mm

Table 3/4

Catalog Number	Max Current	T Fuse	Noise Level	Inrush Current	Cabinet Air Fan Capacity	Power consumption, L35L35
NOX16B0E1U0 0000	4.3A	8A	65dB(A)	19.7A	540m³/h	720W
NOX40B0E1U0 0000	7.8A	16A	70dB(A)	37A	1500m³/h	1670W
NOX20B0E1U0 0000	4.8A	10A	77dB(A)	21.8A	540m³/h	990W

Table 4/4

Catalog Number	Power consumption, L35L50	Quick Ship
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NOX16B0E1U00000	820W	No
NOX40B0E1U00000	1980W	No
NOX20B0E1U00000	1130W	No

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 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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