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We connect and protect

Cooling Units for Door or Wall Mounting

Installation, operation and maintenance manual

CE UKCA

NXT-NOX

TABLE OF CONTENTS

⚠ ATTENTION!

Read carefully and completely before installation. Keep the manual until unit decommissioning.

1. GENERAL INFORMATION

⚠ **WARNING: Read the following instructions carefully before installing and using the product.**

1.1 Overview

The product is manufactured by TEXA INDUSTRIES S.r.l. in compliance with applicable EC directives; more specifically, it complies with the requirements of the Machinery Directive 2006/42/EC and applicable harmonised and safety regulations pursuant to the same directive.

1.2 Purpose of the Manual

This manual contains all information for safe installation, use and maintenance of the product.

1.3 Symbols Contained in this Manual

⚠ **WARNING: Indicates that failure to comply with these instructions can lead to serious or even fatal personal injury.**

⚠ **CAUTION: Indicates that failure to comply with these instructions can lead to less serious injury or damage to the product.**

ℹ **Notice:** Indicates information which is important for use of the machine.

1.4 Retention of Documents

This manual, in combination with the rest of the digital/hardcopy documentation, represents an integral part of the product.

Ensure this documentation is available for consultation by all persons who use the product and personnel authorised to carry out maintenance operations.

ℹ **Notice:** Store the documentation with care in a clean, dry location until the product has been disposed of.

1.5 Updates

TEXA INDUSTRIES S.r.l. reserves the right to update its products and the corresponding manuals based on technical progress without prior notice. Please note that at the time of sale, this manual and the corresponding product may not be considered inadequate only because they are not subject to the above-mentioned progress.

1.6 Technical Features

The technical features and CE marking are given on the data plate attached to the machine.

The product is supplied with safety instruction manual, specific test report and CE declaration of conformity.

1.7 Cooling Unit Application

The **NXT/NOX** series cooling units described in this manual are designed and built to cool the air inside electrical switchboards in order to protect components sensitive to thermal shock. They also provide IP55 protection level against the infiltration of contaminating and aggressive/corrosive substances.

1.7.1 Intended Use

Use the **NXT/NOX** cooling unit:

- For cooling electrical switchboards
- Within the temperature limits and with the supply voltages specified on the rating plate (**F.04, pos. 5**) applied to the cooling unit, and in table **F.21** of this manual
- Away from any sources of heat or hot air
- In an environment with adequate air exchange
- On switchboards with IP54 rating or higher.

  If these requirements are not respected, excessive condensation build-up may occur. As a consequence, cable entry points or any other openings in the enclosure should be well sealed.
- So that the compressor always remains upright.

1.7.2 Misuse

⚠ **WARNING: Incorrect or careless use may cause irreparable damage to the cooling unit and may lead to hazardous situations.**

Do not use the **NXT/NOX** cooling unit:

- Under any condition except those described in section **1.7.1**
- In explosion-risk atmospheres, or those with aggressive chemicals or excessive concentrations of dust, solid contaminants, chemicals or oil suspended in the air
- Exposed to the elements, strong radiated heat sources or strong magnetic fields
- With the doors of the electrical switchboard open, or installed on enclosures without a minimum IP54 rating, due to excessive condensate formation
- With the temperature set below the dew point of the ambient air
- With the condensate line closed or blocked off, or in any case in which the condensate is not allowed to run off freely
- Without the front panel
- With the cooling unit intake and outlet air flows obstructed by walls or objects that are too close to this end, check the minimum distances as regards the external air flow (figure **F.02**), and make sure there are no obstructions caused by the switchboard components as regards the internal air flow.
- In a position other than that for which it was designed, installed neither on moving, oscillating nor vibrating parts

ℹ **Notice:** The product warranty shall automatically be rendered void if it is not used under the conditions laid out above, and in the event of any tampering by the customer. TEXA INDUSTRIES S.r.l. shall bear no liability in the event of faults or malfunctions due to failure to comply with the instructions provided.

ℹ **Notice:** To ensure correct operation, the specified scheduled maintenance operations (see section **9**) must be performed regularly.

2. TECHNICAL INFORMATION

2.1 Operating Principles

The cooling unit for electrical switchboard enclosures works on the basis of a refrigeration circuit consisting of four main components: compressor, evaporator, condenser and expansion device (figure **F.12**). The refrigeration circuit is sealed and contains R134a/R513A refrigerant, which is chlorine free and ozone friendly. The unit is divided into two hermetically separated sections where the ambient air and enclosure air do not come into contact with one another and are treated separately. The compressor (CP) compresses the refrigerant, taking it to a high pressure and high temperature. The compressor then pushes the refrigerant through a heat-exchanger coil, called the condenser (C), where it is cooled by ambient air, thus passing from the gas to the liquid state. In the liquid state it then passes through the expansion valve (EXP), vaporising at the outlet as it is now at a much lower pressure. It is then received by the heat exchanger coil, called the evaporator (E), by means of which it absorbs heat from the enclosure air and passes from a liquid state to gas. The enclosure is cooled down in this manner. The gaseous refrigerant is then drawn back into the compressor and this cycle is repeated.

2.2 Safety Devices

⚠ **WARNING: DO NOT disable the safety devices; any such modification, in addition to causing a hazard, would immediately invalidate the product warranty.**

The refrigeration circuit is fitted with an EN 12263 compliant high-pressure safety switch P (figure **F.12**) set to the maximum working pressure of the cooling unit. If this threshold is exceeded, the pressure switch cuts out the compressor, before restoring it automatically. The fans and compressor have an (internal or external) thermal cut-out switch that stops them in the case of overheating.

3. SUPPLY

Inside the packaging you will find:

- **1** Cooling unit
- **1** Safety instruction manual
- **1** CE conformity certificate
- **1** Test certificate
- **1** A4 drilling template
- **1** Installation kit containing (**F.04**):
  - Flanged nuts (**1**)
  - Flat washers (**2**)
  - Grub screws (**3**)
- **2** Connectors, one for the power supply (**F.04**) and one for the signals (**F.05**)
- **1** Self-adhesive sealing strip (**F.04, 4**)
- **1** Hose barb for the condensate discharge (**F.10, 1**)

Transport/handling eyebolts from NXT12 to NXT60 and from NOX12 to NOX60 (**F.03**)

4. TRANSPORT AND HANDLING

⚠ **WARNING: Ensure the following operations are performed by qualified and authorised personnel, equipped with appropriate PPE.**

⚠ **WARNING: Do not exceed the maximum manual handling weight for loads specified by law. Use lifting equipment as required.**

⚠ **CAUTION: Dispose of the packaging materials in an environmentally friendly manner.**

On receipt, check that the packaging does not show signs of damage from transport. Once the packaging has been removed, make sure the product shows no signs of dents or damage and that no oil is leaking from the circuit.

During transport and storage, the cooling unit must be kept in a vertical position, as indicated on the packaging (figure **F.01**) and must not be exposed to temperatures above 70°C or below –20°C. To lift the cooling unit in a safe manner use the supplied eyebolts (included from NXT12/NOX12); these should be fitted into the threaded inserts located on the top of the cooling unit (figure **F.03**).

ℹ **Notice:** Immediately contact TEXA INDUSTRIES S.r.l. in writing in the event of any damage or other discrepancies.

5. INSTALLATION

⚠ **WARNING: Disconnect power before starting any work inside the switchboard.**

⚠ **WARNING: Installation of the machine must be performed only by authorised and qualified personnel using appropriate PPE.**

⚠ **CAUTION: Debur holes and slots to prevent cuts, above all during the installation phase.**

Install the cooling unit with the enclosure air intake hole in the highest possible point.

Ensure the fixing elements and couplings will not foul the equipment inside the enclosure itself.

If the cooling unit is to be installed on the door of an electrical switchboard, make sure the door can take the weight.

The unit must be installed in a vertical position. Maximum permitted deviation from the vertical is 2°.

5.1 Installation of External Installation Versions

The cooling unit must be installed on the outside of the electrical switchboard. Drill the holes and make the necessary cuts in the enclosure (figure **F.04**) using the drilling template supplied with the unit. Fit the sealing strip on the cooling unit on the side connected to the enclosure and follow the assembly diagram (figure **F.04**).

5.2 Installation of Semi-Recessed Installation Versions

Thanks to its modular configuration, depending on requirements the cooling unit can be installed on the exterior of the electrical switchboard (figure **F.05**) or semi-recessed (figure **F.06**) without the need for further accessories. Depending on the installation option, drill the holes and make the necessary cuts in the switchboard using the drilling template supplied with the unit. Fit the sealing strip on the cooling unit on the side connected to the enclosure. Follow the installation diagram given, depending on the required installation type.

6. CONDENSATE RUNOFF PIPE

The condensate which, depending on the ambient temperature and humidity conditions, forms on the cooling unit which cools the enclosure air, is not a malfunction but a normal phenomenon of the cooling unit. In models **NXT04-NXT06-NXT08** and **NOX06-08**, this condensate is taken outside through a hose at the bottom of the cooling unit. It is possible to screw on the hose barb supplied with the machine (figure **F.10**) on which an 8 mm ID hose can be fitted to carry the condensate to another position, so that the discharge can be made at a point where it does not represent a slipping hazard to personnel. In this case, make sure the condensate flows without any hindrance. Avoid horizontal lengths of more than 0.5 metres, uphill sections and the accidental formation of traps (figure **F.07**). The end of the condensate runoff pipe must always be free and never underwater. The end of the condensate runoff pipe must therefore not be placed inside a condensate collection container (figure **F.08**).

Models **NXT10** to **NXT60** and **NOX10** to **NOX60** are fitted with a condensate evaporation device which operates via the hot (outlet) tube of the compressor (figure **F.13**). These models nevertheless have an emergency condensate outlet which can be carried outside as described above. If the cooling unit is used with the doors of the enclosure open, excessive quantities of condensate will form and this is an unauthorised condition of use (figure **F.09**). We suggest using a position switch on the door connected to the cooling unit's digital input to stop the unit if the door is opened. (See section **7.3**)

7. ELECTRICAL CONNECTION

⚠ **WARNING: The electrical connection and any work on the system or on electrical components must be performed solely by specialised and authorised personnel in compliance with electrical code and any other applicable regulations.**

⚠ **WARNING: Isolate the power to the enclosure during the connection phase.**

⚠ **WARNING: Ensure the machine is correctly earthed.**

⚠ **CAUTION: Make sure the supply voltage is compatible with the voltage on the cooling unit's rating plate.**

⚠ **CAUTION: The power supply must be protected upline of the machine using appropriate time-delay fuses (type T) or circuit breakers with K-curve, per the indications given in table F.21.**

Connect the supply cable in accordance with figure **F.14**.

7.1 Two-Phase Models

The two-phase models can operate with two different supply voltages: 460 V 2~50–60 Hz and 400 V 2~50–60 Hz. If the available power supply is 460 V 2~50–60 Hz, connect terminals L1(0) and L3(460) on the terminal board (figure **F.14**). If, on the other hand, the available supply voltage is 400 V 2~50–60 Hz, connect terminals L1(0) and L2(400) on the same terminal board.

The UL-listed models are fitted with fuses on the 460 V 2~ 50–60 Hz supply line located in the corresponding fuse holders in the rear part of the cooling unit (figure **F.16**).

7.2 Three-Phase Models

The three-phase models with 400 V 3~ 50 Hz power supply can also be powered with 460 V 3~ 60 Hz voltage by opening the rear panel and modifying the connection of the cables on the quick-release connector (figure **F.19**).

The UL-listed models are fitted with fuses on the 460 V 3~ 60 Hz supply line located in the corresponding fuse holders in the rear part of the cooling unit (figure **F.16**).

7.3 Alarm Pins
(figure **F.15**)

The input/output signals from the electronic control unit are managed via the alarm pins:

- Alarm signals from the electronic control unit can be taken from positions 1-2-3; in the event of an alarm, the digital output relay will change state
- A digital input for voltage free contacts is available on terminals 4-5
- The cooling unit's electronic control unit is programmed to generate an alarm when the digital input is open. When the digital input is not being used, it is therefore necessary to bridge it by connecting terminals 4 and 5 together with a cable.

7.4 Sequencing (optional)
(figure **F.17**)

It is possible to connect two cooling units together in sequence via the red 4-pole connector on the rear of the machine; the cable is not supplied as standard.

See the control unit manual to set the necessary parameters.

7.5 Modbus (optional)
(figure **F.18**)

It is possible to make a modbus connection via the 4-pole connector on the rear of the machine; the cable is not supplied as standard.

See the control unit manual to set the necessary parameters.

8. FIRST START-UP AND REGULATION

⚠ CAUTION: If, prior to installation, the cooling unit was left in an incorrect position (figure F.01), wait at least 8 hours before switching it on.
Otherwise, 30 minutes is more than enough time for the oil to return to the compressor, after which the cooling unit can be powered up.

Once voltage is applied, the enclosure air intake fan will operate intermittently, making the temperature inside the enclosure even. If this temperature exceeds 2K above the set point, both the compressor and external air fan will turn on, causing the cooling cycle to start. This then stops when the inside temperature reaches the set point. The thermostat is factory-set to 35°C. The setpoint can be set between 20°C and 45°C.

Notice: To save energy and minimise the production of condensate, we recommend not setting the setpoint below 30°C.

8.1 Electronic Thermostat

The NXT04 model is fitted with a TX050 electronic thermostat. See the specific manual C17000199 for the functions of this thermostat and how to program it.

8.2 Electronic Board

All other models in the NXT range are equipped with an electronic board and a display on which the operator can modify the machine parameters. See the specific manual C17000905 for the functions of this thermostat and how to program it.

8.3 Remote Display
(figure **F.20**)

All models of the **NOX** range are equipped with an electronic board and a remote display with 3 meters cable and DIN bar mounting kit. See the specific manual C17000905 for the functions of this thermostat and how to program it.

Notice: TEXA INDUSTRIES S.r.l. shall be in no way held liable for any alterations the customer may make to the default parameters if they have not received authorisation to do so.

9. MAINTENANCE

⚠ WARNING: Before commencing any operation, shut off the power supply to the machine.

⚠ WARNING: Scheduled and extraordinary machine maintenance must be performed only by authorised and qualified personnel using appropriate PPE.

⚠ WARNING: Wait for the surfaces of the internal components to come to ambient temperature.

⚠ CAUTION: DO NOT use acidic or flammable detergents to clean the product.

The cooling unit is the low maintenance type, so no filter change is required. The only maintenance required is for the internal components, which should be checked regularly, as indicated in the following table, and cleaned with compressed air at a maximum pressure of 4 bar (figure **F.11**).

Job	Frequency
Check the external air heat exchanger and clean if necessary.	Every 3 months
Check effectiveness of the condensate discharge.	Every 3 months
Check the fans for any overheating or excessive vibrations.	Every 6 months

Notice: Increase the frequency of these operations if the machine is operated in very dusty and dirty environments.

10. REMOVAL AND DISMANTLING

⚠ WARNING: Before commencing any operation, shut off the power supply to the machine.

⚠ WARNING: Removal and dismantling of the machine must be performed only by authorised and qualified personnel using appropriate PPE.

The cooling unit contains R134a/R513A refrigerant and small quantities of lubricating oil. These are polluting substances and must not be dumped.

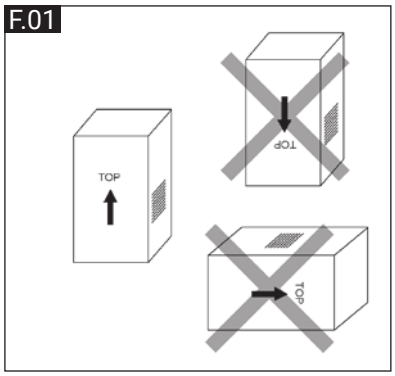
Have personnel certified per Regulation (EU) 517/2014 recover the refrigerant so that it can be reused, regenerated or destroyed.

11. TROUBLESHOOTING

Malfunction	Conditions	Causes	Remedy
It fails to cool	The internal fan works, the external fan and compressor do not work.	The temperature inside the enclosure is lower than what is set on the adjustment thermostat.	This is not a malfunction of the cooling unit. To verify functioning when testing, lower the thermostat setting until the compressor and external fan start working and then reset the thermostat.
		The adjustment (or antifreeze) thermostat has failed	Change the adjustment (or antifreeze) thermostat
	No component works	No electricity getting to the unit.	This is not a malfunction of the cooling unit. • Make sure the power cable has been connected well to the terminals. • Check that the cubicle doors and switches are closed.
	Compressor, external and internal fan work	Cooling unit empty of fluid	Call a refrigeration expert or the Manufacturer's Technical Assistance Service
		Compressor mechanical failure	Call a refrigeration expert or the Manufacturer's Technical Assistance Service
	Compressor and external fan work, internal fan does not work	Internal fan capacitor failed	Change the internal fan's capacitor
		Internal fan failed	Change the internal fan
	External and internal fan work, compressor does not work	Compressor's amperometric protector failed (external to the compressor, where present)	Change the amperometric protector
		Relay or PTC for compressor starting failed	Change the relay or PTC for compressor starting
		Capacitor for compressor starting failed (where present)	Change the capacitor for compressor starting
		Compressor motor electrical failure	Call a refrigeration expert or the Manufacturer's Technical Assistance Service
		High pressure safety switch failed	Call a refrigeration expert or the Manufacturer's Technical Assistance Service
		Compressor contactor failed (where present)	Change the contactor
It is not cooling enough	External and internal fans work, compressor works all the time	Cooling unit under sized for the heat dissipated inside the enclosure	Change the cooling unit with another of greater capacity
	Inside fan works, external fan and compressor work irregularly	Antifreeze thermostat triggered (where present)	• Clean the evaporator coil • See if there are any obstacles inside the enclosure to hinder the flow of recycling air
		Insufficient gas in the cooling unit	Call a refrigeration expert or the Manufacturer's Technical Assistance Service
		Thermostat set point incorrect	Check thermostat setpoint
	External and internal fans work, compressor works irregularly	High pressure safety switch triggered: • Ambient temperature over the maximum working limit • Heat exchanger coil (condenser) either dirty or clogged	• Ventilate the premises where the enclosure is installed to keep ambient temperature lower. • Clean the exchanger with compressed air and detergent.
		Thermal protector inside the compressor triggered: • Ambient temperature over the maximum working limit • Heat exchanger coil (condenser) either dirty or clogged	• Ventilate the premises where the enclosure is installed to keep ambient temperature lower. • Clean the coil with compressed air and detergent.
Too much condensate forming	Enclosure door open	Too much ambient air inside the enclosure	This is not a malfunction of the cooling unit. Close the enclosure door or disable the cooling unit.
	Enclosure door closed	Enclosure protection level is below IP54	This is not a malfunction of the cooling unit. Seal enclosure openings, e.g. for passage and upward path of wires.
		The enclosure/cooling unit connecting seal has been fitted incorrectly	Check seal and remedy

12. PICTOGRAMS

F.01



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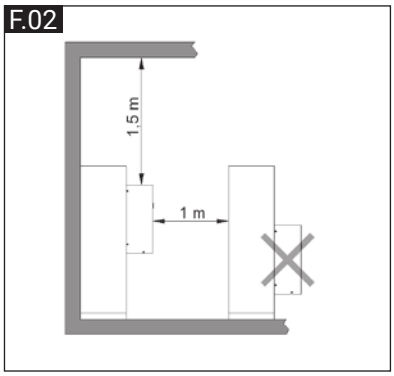

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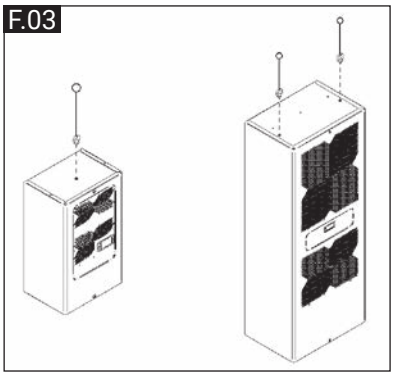

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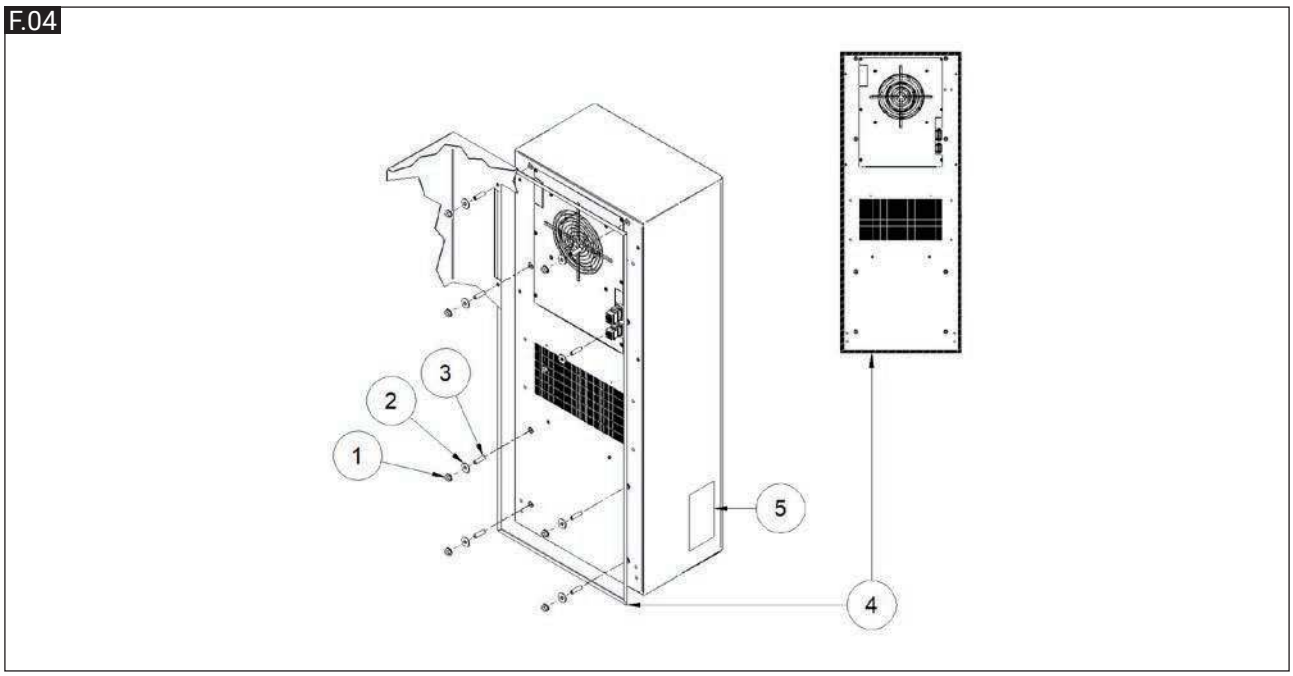

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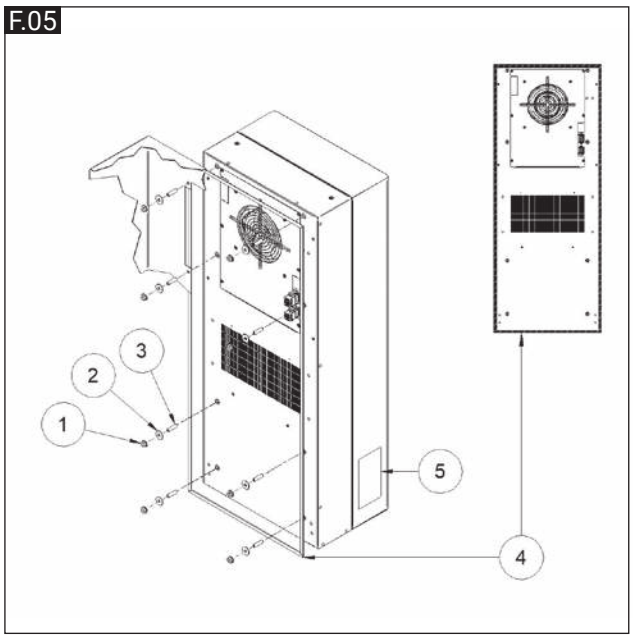

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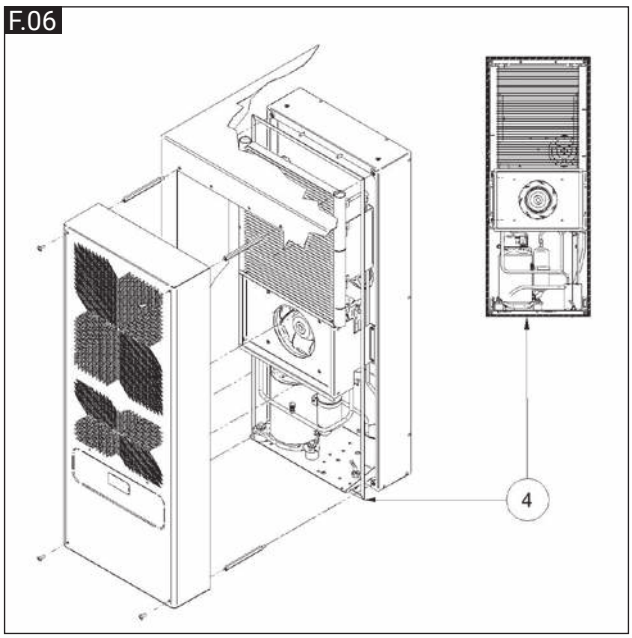

12. PICTOGRAMS

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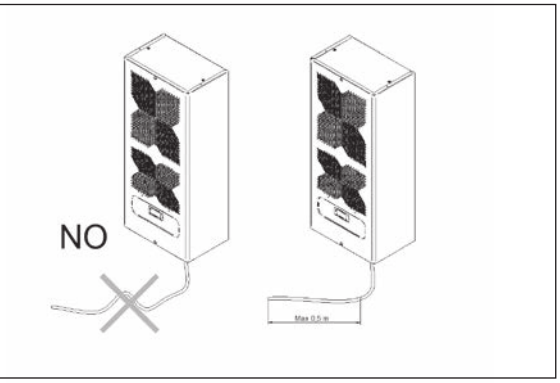

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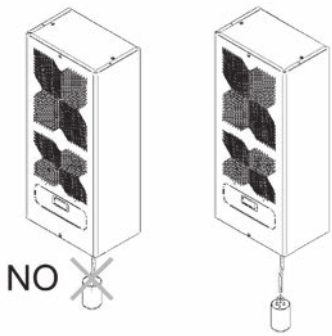

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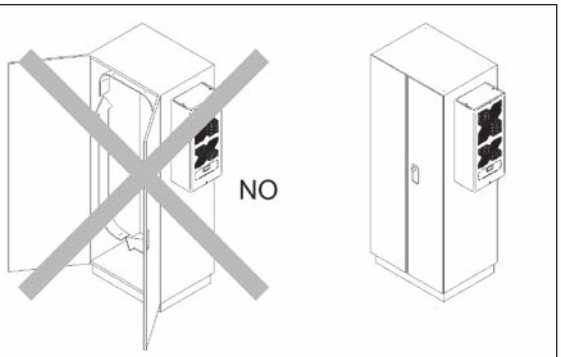

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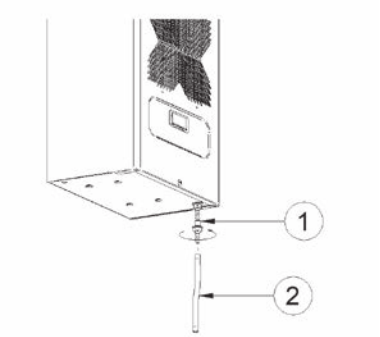

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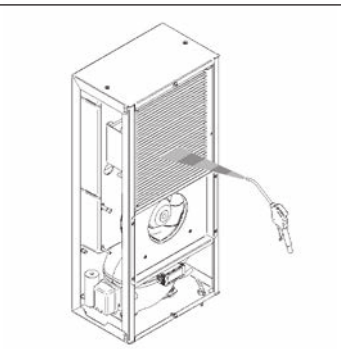

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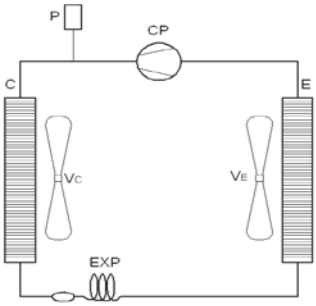

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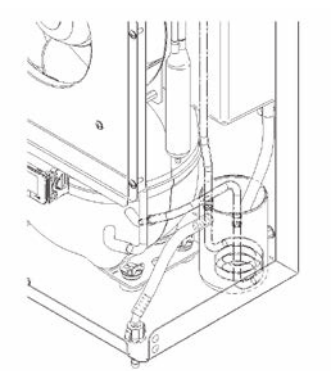

12. PICTOGRAMS

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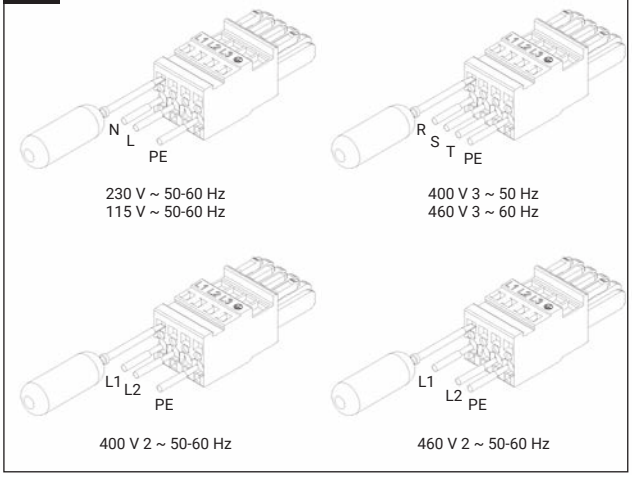

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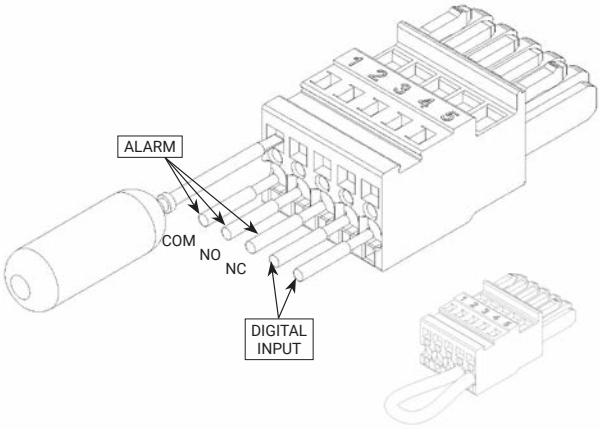

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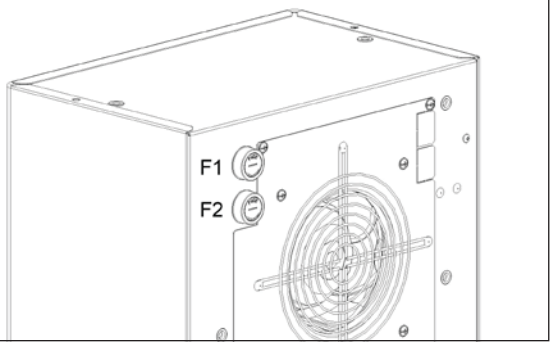

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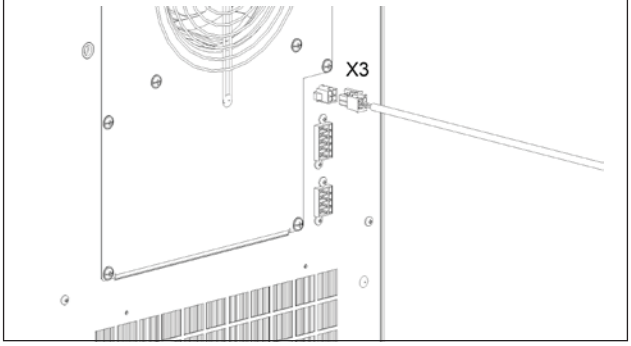

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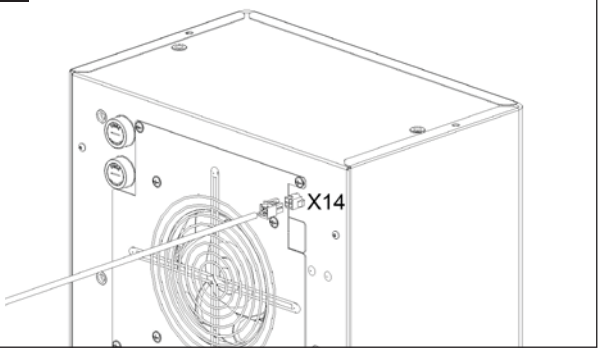

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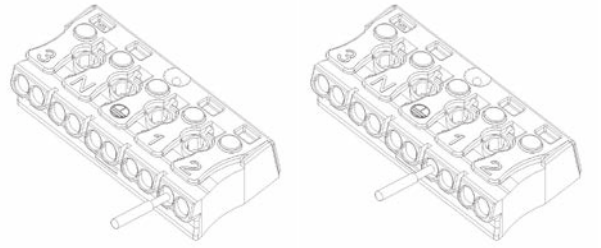

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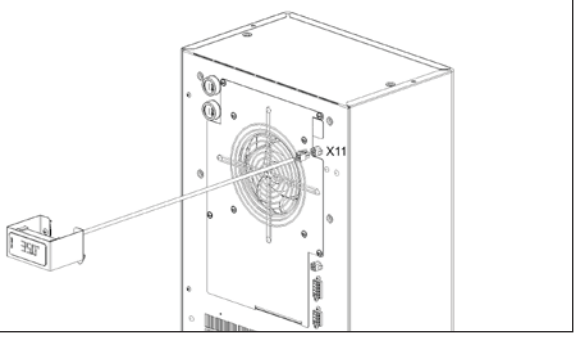


	Useful cooling output		Supply voltage	Dimensions (W x H x D)	Max current	Starting current	Pre-fuse T	Electric capacity		Duty cycle	Max pressure	Enclosure temperature range	Ambient temperature range	Protection internal circuit	NEMA	Noise level	Weight	Temperature control	Conformity
	EN14511							EN14511										
	A35 A35	A35 A50						A35 A35	A35 A50									
	W	W	V ~ Hz	mm	A	A	A	W	W	–	bar	°C	°C	IP	Type	dB(A)	kg	–	–
NXT04B0T0C00000	380	240	230 1 ~ 50/60	280×460×200	1,5	8,6	4	240	277	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	60	17		CE - UKCA
NXT04B0T0U00000	380	240	230 1 ~ 50/60	280×460×200	1,5	8,6	4	240	277	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	60	17		UL - CE - UKCA
NXT04B0T1C00000	380	240	230 1 ~ 50/60	280×460×200	1,5	8,6	4	240	277	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	60	17		CE - UKCA
NXT04B0T1U00000	380	240	230 1 ~ 50/60	280×460×200	1,5	8,6	4	240	277	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	60	17	Electronic	UL - CE - UKCA
NXT04C0T0U00000	380	240	115 1 ~ 60	280×460×200	3,4	22,6	6	290	340	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	60	17	Thermostat	UL - CE - UKCA
NXT04C0T1U00000	380	240	115 1 ~ 60	280×460×200	3,4	22,6	6	290	340	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	60	17		UL - CE - UKCA
NXT04K0T0C00000	380	240	400/460 2 ~ 50/60	280x460x200	0,9	5	2	240	277	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	60	20		CE - UKCA
NXT04K0T1C00000	380	240	400/460 2 ~ 50/60	280x460x200	0,9	5	2	240	277	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	60	20		CE - UKCA
NXT06B0E0C00000	720	555	230 1 ~ 50/60	316×640×240	2,3	10,9	6	380	450	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	22		CE - UKCA
NXT06B0E0U00000	720	555	230 1 ~ 50/60	316×640×240	2,3	10,9	6	380	450	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	22		UL - CE - UKCA
NXT06B0E1C00000	720	555	230 1 ~ 50/60	316×640×240	2,3	10,9	6	380	450	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	22		CE - UKCA
NXT06B0E1U00000	720	555	230 1 ~ 50/60	316×640×240	2,3	10,9	6	380	450	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	22	Electronic	UL - CE - UKCA
NXT06C0E0U00000	720	555	115 1 ~ 60	316×640×240	4,3	22,2	8	420	500	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	22	Board	UL - CE - UKCA
NXT06C0E1U00000	720	555	115 1 ~ 60	316×640×240	4,3	22,2	8	420	500	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	22		UL - CE - UKCA
NXT06K0E0C00000	720	555	400/460 2 ~ 50/60	316×640×240	1,3	6,3	4	380	450	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	26		CE - UKCA
NXT06K0E1C00000	720	555	400/460 2 ~ 50/60	316×640×240	1,3	6,3	4	380	450	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	26		CE - UKCA
NXT08B0E0C00000	880	705	230 1 ~ 50/60	316×640×240	2,4	12,9	6	450	520	100%	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	24		CE - UKCA
NXT08B0E0U00000	880	705	230 1 ~ 50/60	316×640×240	2,4	12,9	6	450	520	100%	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	24		UL - CE - UKCA
NXT08B0E1C00000	880	705	230 1 ~ 50/60	316×640×240	2,4	12,9	6	450	520	100%	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	24		CE - UKCA
NXT08B0E1U00000	880	705	230 1 ~ 50/60	316×640×240	2,4	12,9	6	450	520	100%	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	24	Electronic	UL - CE - UKCA
NXT08C0E0U00000	880	705	115 1 ~ 60	316×640×240	4,2	22,2	8	430	540	100%	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	24	Board	UL - CE - UKCA
NXT08C0E1U00000	880	705	115 1 ~ 60	316×640×240	4,2	22,2	8	430	540	100%	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	24		UL - CE - UKCA
NXT08K0E0C00000	880	705	400/460 2 ~ 50/60	316×640×240	1,4	7,4	4	450	520	100%	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	28		CE - UKCA
NXT08K0E1C00000	880	705	400/460 2 ~ 50/60	316×640×240	1,4	7,4	4	450	520	100%	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	28		CE - UKCA
NXT10B0E0C00000	1000	760	230 1 ~ 50/60	348×783×220	3	13,1	6	500	600	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	27		CE - UKCA
NXT10B0E0U00000	1000	760	230 1 ~ 50/60	348×783×220	3	13,1	6	500	600	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	27		UL - CE - UKCA
NXT10B0E1C00000	1000	760	230 1 ~ 50/60	348×783×220	3	13,1	6	500	600	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	27		CE - UKCA
NXT10B0E1U00000	1000	760	230 1 ~ 50/60	348×783×220	3	13,1	6	500	600	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	27		UL - CE - UKCA
NXT10C0E0U00000	1000	760	115 1 ~ 60	348×783×220	5,7	28	10	570	670	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	27	Electronic	UL - CE - UKCA
NXT10C0E1U00000	1000	760	115 1 ~ 60	348×783×220	5,7	28	10	570	670	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	27	Board	UL - CE - UKCA
NXT10K0E0C00000	1000	760	400/460 2 ~ 50/60	348×783×220	1,7	7,5	4	500	600	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	29		CE - UKCA
NXT10K0E0U00000	1000	760	400/460 2 ~ 50/60	348×783×220	1,7	7,5	4	500	600	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	29		UL - CE - UKCA
NXT10K0E1C00000	1000	760	400/460 2 ~ 50/60	348×783×220	1,7	7,5	4	500	600	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	29		CE - UKCA
NXT10K0E1U00000	1000	760	400/460 2 ~ 50/60	348×783×220	1,7	7,5	4	500	600	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	29		UL - CE - UKCA
NXT12B0E0C00000	1250	930	230 1 ~ 50/60	400×1000×250	3,2	17,1	6	590	680	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	34		CE - UKCA
NXT12B0E0U00000	1250	930	230 1 ~ 50/60	400×1000×250	3,2	17,1	6	590	680	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	34		UL - CE - UKCA
NXT12B0E1C00000	1250	930	230 1 ~ 50/60	400×1000×250	3,2	17,1	6	590	680	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	34		CE - UKCA
NXT12B0E1U00000	1250	930	230 1 ~ 50/60	400×1000×250	3,2	17,1	6	590	680	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	34	Electronic	UL - CE - UKCA
NXT12C0E0U00000	1250	930	115 1 ~ 60	400×1000×250	6,1	28	10	620	760	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	34	Board	UL - CE - UKCA
NXT12C0E1U00000	1250	930	115 1 ~ 60	400×1000×250	6,1	28	10	620	760	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	34		UL - CE - UKCA
NXT12K0E0C00000	1250	930	400/460 2 ~ 50/60	400×1000×250	1,8	9,8	4	590	680	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	39		CE - UKCA
NXT12K0E1C00000	1250	930	400/460 2 ~ 50/60	400×1000×250	1,8	9,8	4	590	680	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	39		CE - UKCA

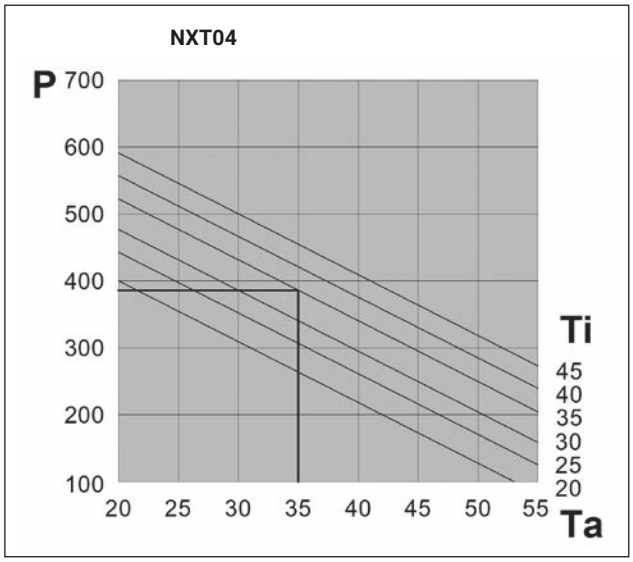
	Useful cooling output		Supply voltage	Dimensions (W x H x D)	Max current	Starting current	Pre-fuse T	Electric capacity		Duty cycle	Max pressure	Enclosure temperature range	Ambient temperature range	Protection internal circuit	NEMA	Noise level	Weight	Temperature control	Conformity
	EN14511							EN14511											
	A35 A35	A35 A50						A35 A35	A35 A50										
	W	W	V ~ Hz	mm	A	A	A	W	W	–	bar	°C	°C	IP	Type	dB(A)	kg	–	–
NXT16B0E0C00000	1600	1100	230 1 ~ 50/60	400×1000×250	3,9	16,2	8	720	820	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	38		CE - UKCA
NXT16B0E0U00000	1600	1100	230 1 ~ 50/60	400×1000×250	4,3	19,7	8	720	820	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	39		UL - CE - UKCA
NXT16B0E1C00000	1600	1100	230 1 ~ 50/60	400×1000×250	3,9	16,2	8	720	820	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	38		CE - UKCA
NXT16B0E1U00000	1600	1100	230 1 ~ 50/60	400×1000×250	4,3	19,7	8	720	820	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	39		UL - CE - UKCA
NXT16C0E0U00000	1600	1100	115 1 ~ 60	400×1000×250	8,2	42	16	830	960	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	39	Electronic	UL - CE - UKCA
NXT16C0E1U00000	1600	1100	115 1 ~ 60	400×1000×250	8,2	42	16	830	960	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	39	Board	UL - CE - UKCA
NXT16K0E0C00000	1600	1100	400/460 2 ~ 50/60	400×1000×250	2,2	9,3	4	720	820	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	48		CE - UKCA
NXT16K0E0U00000	1600	1100	400/460 2 ~ 50/60	400×1000×250	2,2	9,3	4	720	820	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	48		UL - CE - UKCA
NXT16K0E1C00000	1600	1100	400/460 2 ~ 50/60	400×1000×250	2,5	11,3	6	720	820	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	65	48		CE - UKCA
NXT16K0E1U00000	1600	1100	400/460 2 ~ 50/60	400×1000×250	2,5	11,3	6	720	820	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	65	48		UL - CE - UKCA
NXT20B0E0C00000	2000	1500	230 1 ~ 50/60	400×1000×250	4,8	21,8	10	990	1130	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	77	39		CE - UKCA
NXT20B0E0U00000	2000	1500	230 1 ~ 50/60	400×1000×250	4,8	21,8	10	990	1130	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	77	39		UL - CE - UKCA
NXT20B0E1C00000	2000	1500	230 1 ~ 50/60	400×1000×250	4,8	21,8	10	990	1130	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	77	39		CE - UKCA
NXT20B0E1U00000	2000	1500	230 1 ~ 50/60	400×1000×250	4,8	21,8	10	990	1130	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	77	39		UL - CE - UKCA
NXT20C0E0U00000	2000	1500	115 1 ~ 60	400×1000×250	11,3	56,8	16	1170	1360	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	77	39	Electronic	UL - CE - UKCA
NXT20C0E1U00000	2000	1500	115 1 ~ 60	400×1000×250	11,3	56,8	16	1170	1360	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	77	39	Board	UL - CE - UKCA
NXT20H0E0C00000	2000	1500	4003~ 50/ 4603~ 60	400×1000×250	1,6	12	4	870	1050	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	77	41		CE - UKCA
NXT20H0E0U00000	2000	1500	4003~ 50/ 4603~ 60	400×1000×250	1,6	12	4	870	1050	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	77	43		UL - CE - UKCA
NXT20H0E1C00000	2000	1500	4003~ 50/ 4603~ 60	400×1000×250	1,6	12	4	870	1050	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	77	41		CE - UKCA
NXT20H0E1U00000	2000	1500	4003~ 50/ 4603~ 60	400×1000×250	1,6	12	4	870	1050	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	77	43		UL - CE - UKCA
NXT30B0E1C00000	3000	2210	230 1 ~ 50/60	500×1270×339	5,2	35	10	1190	1380	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	70	61		CE - UKCA
NXT30B0E1U00000	3000	2210	230 1 ~ 50/60	500×1270×339	5,2	35	10	1190	1380	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	70	61	Electronic	UL - CE - UKCA
NXT30H0E1C00000	3000	2210	4003~ 50/ 4603~ 60	500×1270×339	2,4	20	6	1140	1350	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	70	65	Board	CE - UKCA
NXT30H0E1U00000	3000	2210	4003~ 50/ 4603~ 60	500×1270×339	2,4	20	6	1140	1350	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	70	65		UL - CE - UKCA
NXT40B0E1C00000	3850	2650	230 1 ~ 50/60	500×1270×339	7,8	37	16	1670	1980	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	70	65		CE - UKCA
NXT40B0E1U00000	3850	2650	230 1 ~ 50/60	500×1270×339	7,8	37	16	1670	1980	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	70	65	Electronic	UL - CE - UKCA
NXT40H0E1C00000	3850	2650	4003~ 50/ 4603~ 60	500×1270×339	3,1	16	6	1580	1920	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	70	69	Board	CE - UKCA
NXT40H0E1U00000	3850	2650	4003~ 50/ 4603~ 60	500×1270×339	3,6	18	8	1780	2050	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	70	69		UL - CE - UKCA
NXT60H0E1C00000	5400	4200	4003~ 50/ 4603~ 60	500×1600×400	3,7	32	8	1950	2470	100 %	25	+20 ÷ +45	+20 ÷ +55	IP55	-	72	104	Electronic	CE - UKCA
NXT60H0E1U00000	5400	4200	4003~ 50/ 4603~ 60	500×1600×400	3,7	32	8	1950	2470	100 %	28	+20 ÷ +45	+20 ÷ +55	IP55	12	72	104	Board	UL - CE - UKCA

	Useful cooling output		Supply voltage	Dimensions (W x H x D)	Max current	Starting current	Pre-fuse T	Electric capacity		Duty cycle	Max pressure	Enclosure temperature range	Ambient temperature range	Protection internal circuit	NEMA	Noise level	Weight	Temperature control	Conformity
	EN14511							EN14511										
	A35 A35	A35 A50						A35 A35	A35 A50									
	W	W	V ~ Hz	mm	A	A	A	W	W	–	bar	°C	°C	IP	Type	dB(A)	kg	–	–
NOX06B0E1C00000	720	555	230 1 ~ 50/60	316×640×240	2,3	10,9	6	380	450	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	22		CE - UKCA
NOX06B0E1U00000	720	555	230 1 ~ 50/60	316×640×240	2,3	10,9	6	380	450	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	22	Electronic Board	UL - CE - UKCA
NOX06C0E1U00000	720	555	115 1 ~ 60	316×640×240	4,3	22,2	8	420	500	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	22		UL - CE - UKCA
NOX06K0E1C00000	720	555	400/460 2 ~ 50/60	316×640×240	1,3	6,3	4	380	450	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	26		CE - UKCA
NOX08B0E1C00000	880	705	230 1 ~ 50/60	316×640×240	2,4	12,9	6	450	520	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	24		CE - UKCA
NOX08B0E1U00000	880	705	230 1 ~ 50/60	316×640×240	2,4	12,9	6	450	520	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	24	Electronic Board	UL - CE - UKCA
NOX08C0E1U00000	880	705	115 1 ~ 60	316×640×240	4,2	22,2	8	430	540	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	24		UL - CE - UKCA
NOX08K0E1C00000	880	705	400/460 2 ~ 50/60	316×640×240	1,4	7,4	4	450	520	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	28		CE - UKCA
NOX10B0E1C00000	1000	760	230 1 ~ 50/60	348×783×220	3	13,1	6	500	600	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	27		CE - UKCA
NOX10B0E1U00000	1000	760	230 1 ~ 50/60	348×783×220	3	13,1	6	500	600	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	27	Electronic Board	UL - CE - UKCA
NOX10C0E1U00000	1000	760	115 1 ~ 60	348×783×220	5,7	28	10	570	670	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	27		UL - CE - UKCA
NOX10K0E1C00000	1000	760	400/460 2 ~ 50/60	348×783×220	1,7	7,5	4	500	600	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	28		CE - UKCA
NOX10K0E1U00000	1000	760	400/460 2 ~ 50/60	348×783×220	1,7	7,5	4	500	600	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	29		UL - CE - UKCA
NOX12B0E1C00000	1250	930	230 1 ~ 50/60	400×1000×250	3,2	17,1	6	590	680	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	34		CE - UKCA
NOX12B0E1U00000	1250	930	230 1 ~ 50/60	400×1000×250	3,2	17,1	6	590	680	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	34	Electronic Board	UL - CE - UKCA
NOX12C0E1U00000	1250	930	115 1 ~ 60	400×1000×250	6,1	28	10	620	760	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	34		UL - CE - UKCA
NOX12K0E1C00000	1250	930	400/460 2 ~ 50/60	400×1000×250	1,8	9,8	4	590	680	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	39		CE - UKCA
NOX16B0E1C00000	1600	1100	230 1 ~ 50/60	400×1000×250	3,9	16,2	8	720	820	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	38		CE - UKCA
NOX16B0E1U00000	1600	1100	230 1 ~ 50/60	400×1000×250	4,3	19,7	8	720	820	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	39	Electronic Board	UL - CE - UKCA
NOX16C0E1U00000	1600	1100	115 1 ~ 60	400×1000×250	8,2	42	16	830	960	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	39		UL - CE - UKCA
NOX16K0E1C00000	1600	1100	400/460 2 ~ 50/60	400×1000×250	2,2	9,3	4	720	820	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	65	49		CE - UKCA
NOX16K0E1U00000	1600	1100	400/460 2 ~ 50/60	400×1000×250	2,5	11,3	6	720	820	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	65	49		UL - CE - UKCA
NOX20B0E1C00000	2000	1500	230 1 ~ 50/60	400×1000×250	4,8	21,8	10	990	1130	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	77	39		CE - UKCA
NOX20B0E1U00000	2000	1500	230 1 ~ 50/60	400×1000×250	4,8	21,8	10	990	1130	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	77	39	Electronic Board	UL - CE - UKCA
NOX20C0E1U00000	2000	1500	115 1 ~ 60	400×1000×250	11,3	56,8	16	1170	1360	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	77	39		UL - CE - UKCA
NOX20H0E1C00000	2000	1500	4003~ 50/ 4603~ 60	400×1000×250	1,6	12	4	870	1050	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	77	41		CE - UKCA
NOX20H0E1U00000	2000	1500	4003~ 50/ 4603~ 60	400×1000×250	1,6	12	4	870	1050	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	77	43		UL - CE - UKCA

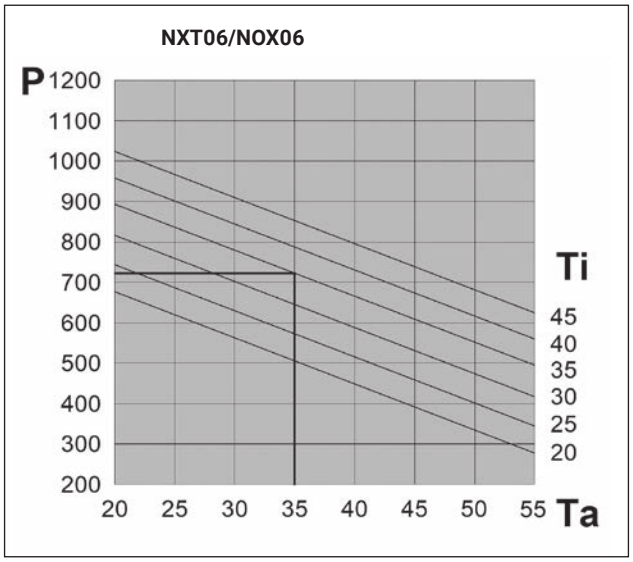
	Useful cooling output		Supply voltage	Dimensions (W x H x D)	Max current	Starting current	Pre-fuse T	Electric capacity		Duty cycle	Max pressure	Enclosure temperature range	Ambient temperature range	Protection internal circuit	NEMA	Noise level	Weight	Temperature control	Conformity
	EN14511							EN14511											
	A35 A35	A35 A50						A35 A35	A35 A50										
	W	W	V ~ Hz	mm	A	A	A	W	W	–	bar	°C	°C	IP	Type	dB(A)	kg	–	–
NOX30B0E1C00000	3000	2210	230 1 ~ 50/60	500×1270×339	5,2	35	10	1190	1380	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	70	61		CE - UKCA
NOX30B0E1U00000	3000	2210	230 1 ~ 50/60	500×1270×339	5,2	35	10	1190	1380	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	70	61	Electronic	UL - CE - UKCA
NOX30H0E1C00000	3000	2210	4003~ 50/ 4603~ 60	500×1270×339	2,4	20	6	1140	1350	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	70	65	Board	CE - UKCA
NOX30H0E1U00000	3000	2210	4003~ 50/ 4603~ 60	500×1270×339	2,4	20	6	1140	1350	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	70	65		UL - CE - UKCA
NOX40B0E1C00000	3850	2650	2301 ~ 50/60	500×1270×339	7,8	37	16	1670	1980	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	70	65		CE - UKCA
NOX40B0E1U00000	3850	2650	2301 ~ 50/60	500×1270×339	7,8	37	16	1670	1980	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	70	65	Electronic	UL - CE - UKCA
NOX40H0E1C00000	3850	2650	4003~ 50/ 4603~ 60	500×1270×339	3,1	16	6	1580	1920	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	70	69	Board	CE - UKCA
NOX40H0E1U00000	3850	2650	4003~ 50/ 4603~ 60	500×1270×339	3,6	18	8	1780	2050	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	70	69		UL - CE - UKCA
NOX60H0E1C00000	5400	4200	4003~ 50/ 4603~ 60	500×1600×400	3,7	32	8	1950	2470	100 %	25	+20 ÷ +45	−20 ÷ +55	IP55	-	72	104	Electronic	CE - UKCA
NOX60H0E1U00000	5400	4200	4003~ 50/ 4603~ 60	500×1600×400	3,7	32	8	1950	2470	100 %	28	+20 ÷ +45	−20 ÷ +55	IP55	12, 4/4X	72	104	Board	UL - CE - UKCA

15. PERFORMANCES F.22

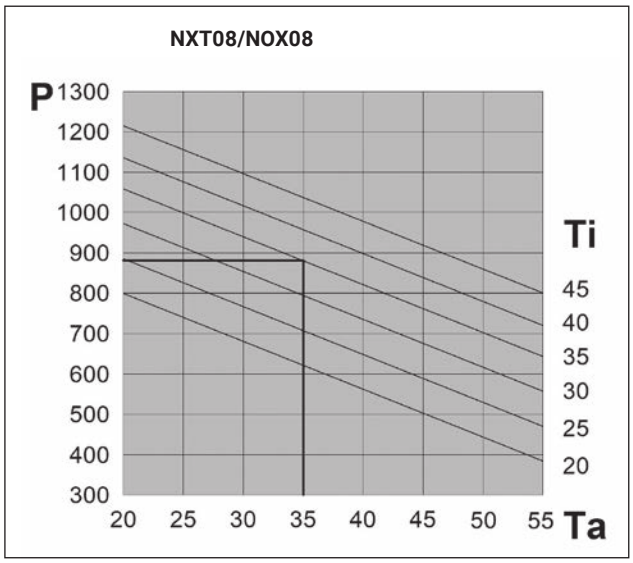
NXT04



NXT06/NOX06



NXT08/NOX08



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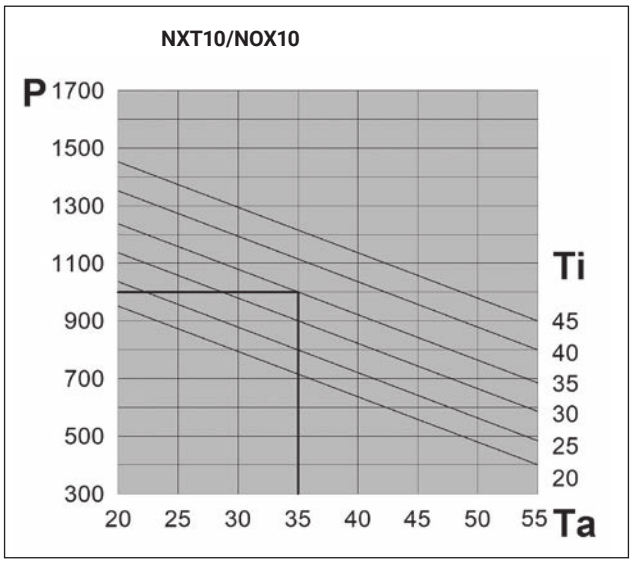

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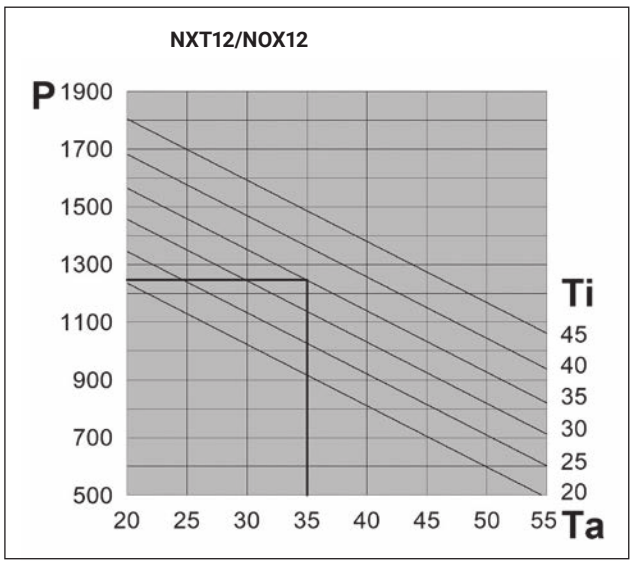

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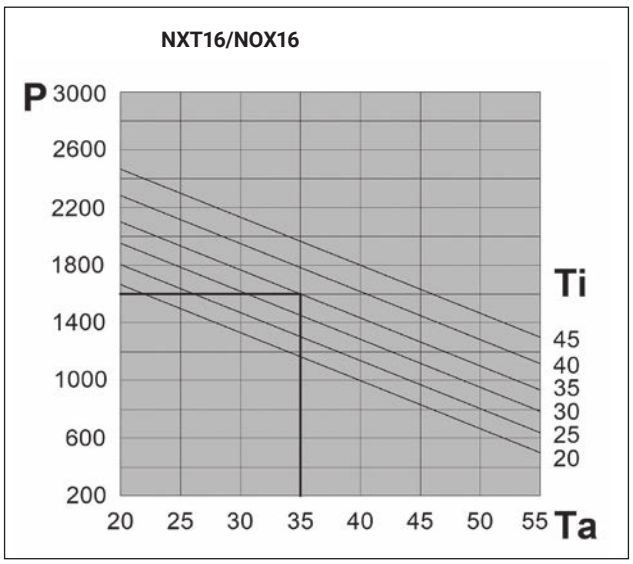
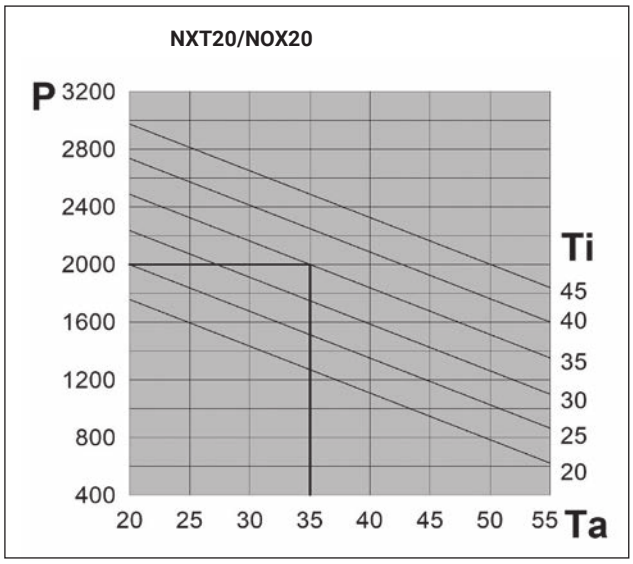


14. PERFORMANCES F.22

NXT20/NOX20



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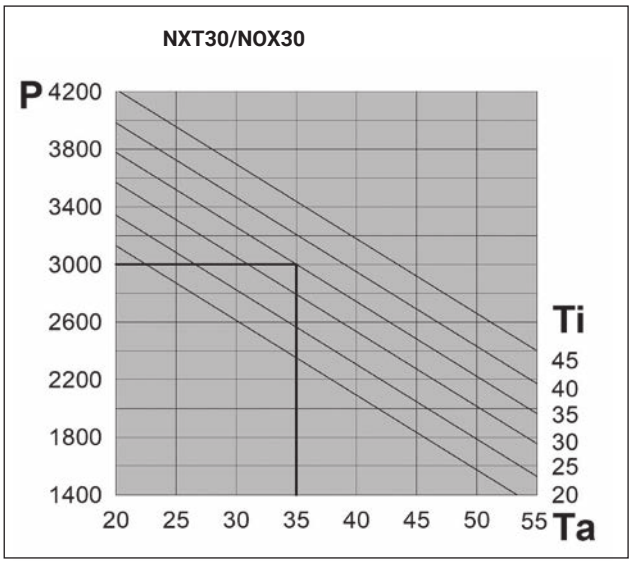

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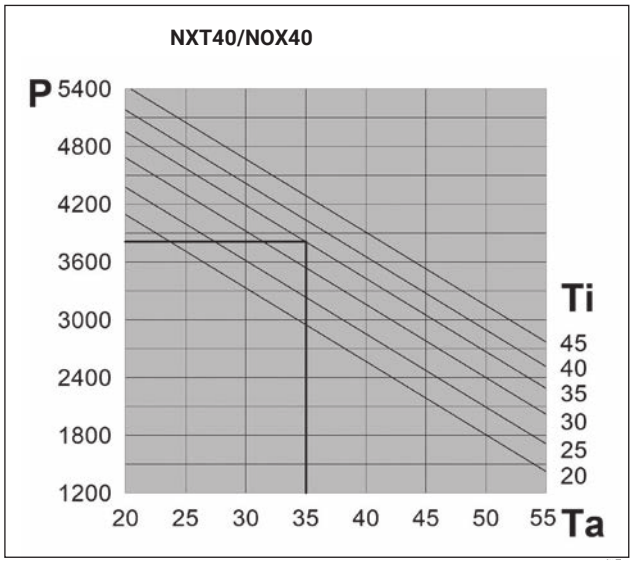
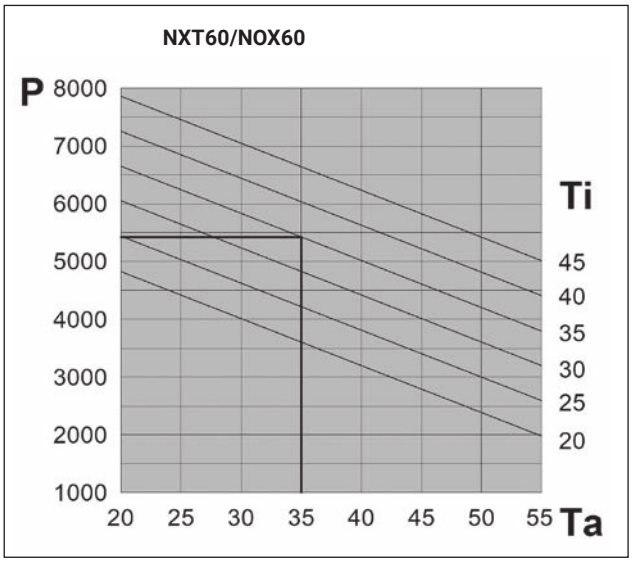


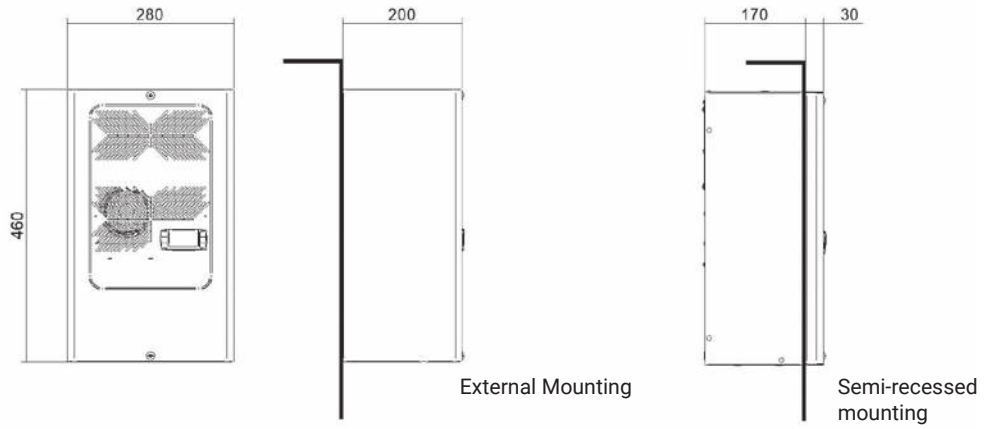
NXT60/NOX60



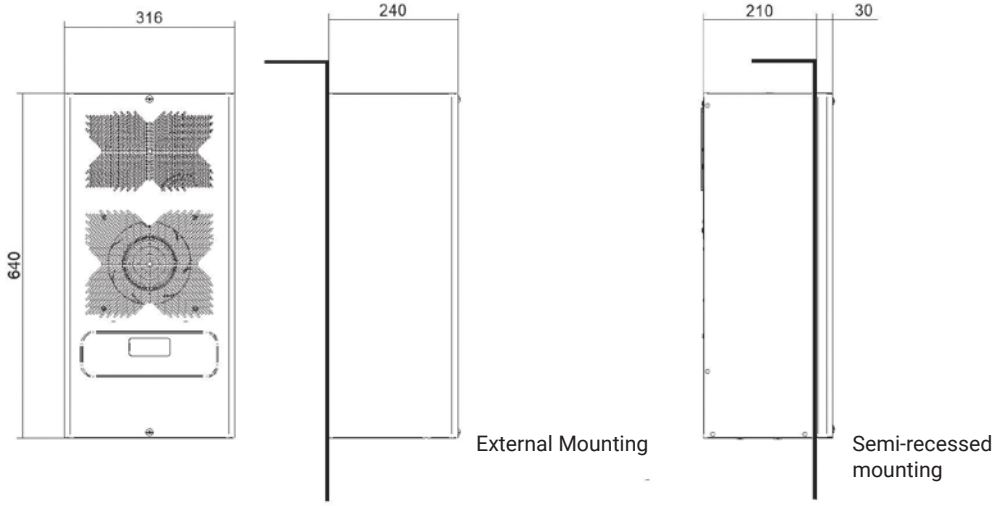
P (W)	Ta (°C)	Ti (°C)
Useful cooling output	Ambient temperature	Enclosure internal temperature

15. DIMENSIONS F.23

NXT04

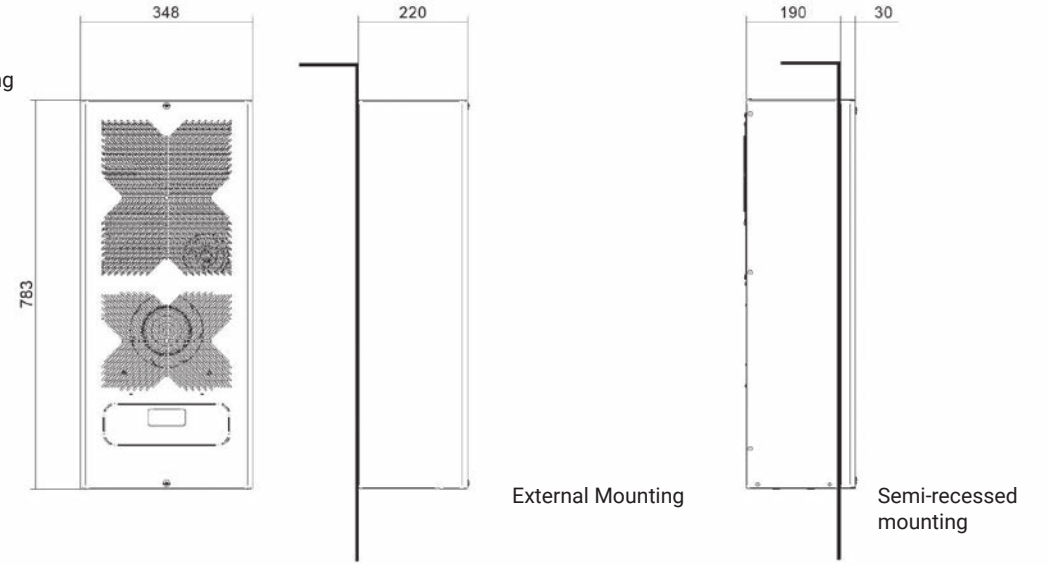


NXT06-08



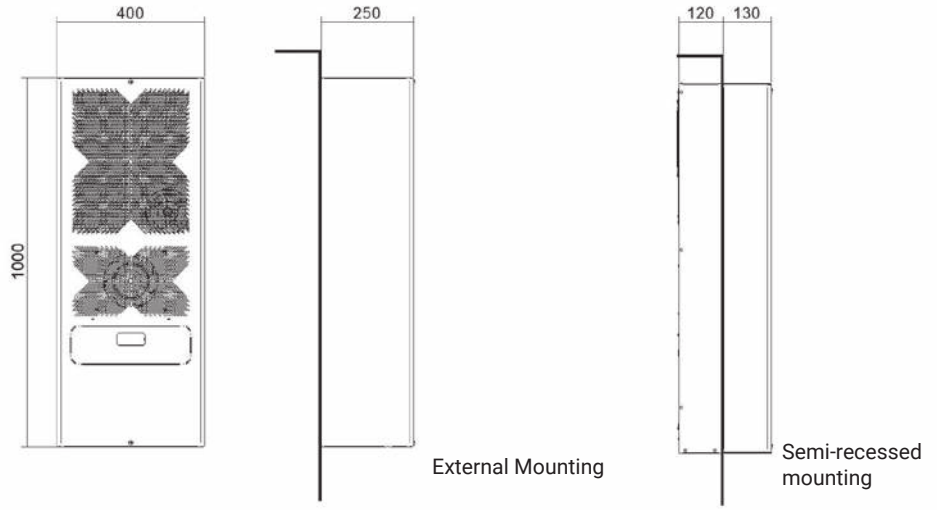
NXT10

External Mounting

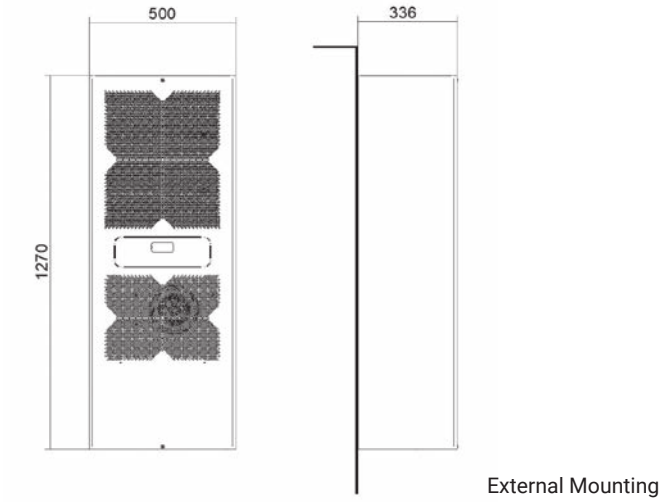


15. DIMENSIONS F.23

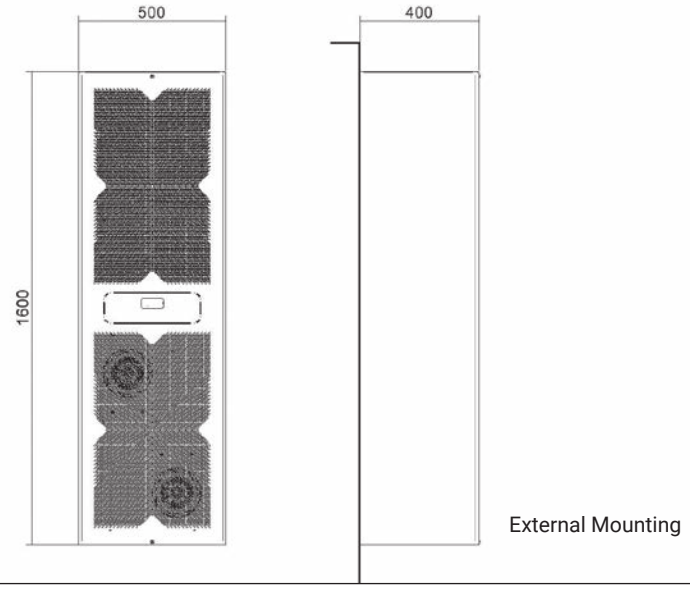
NXT12-16-20



NXT30-40

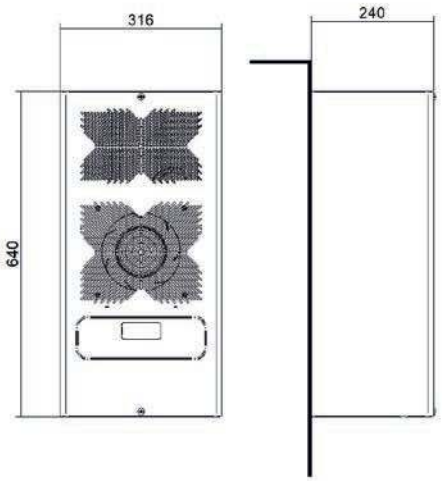


NXT60



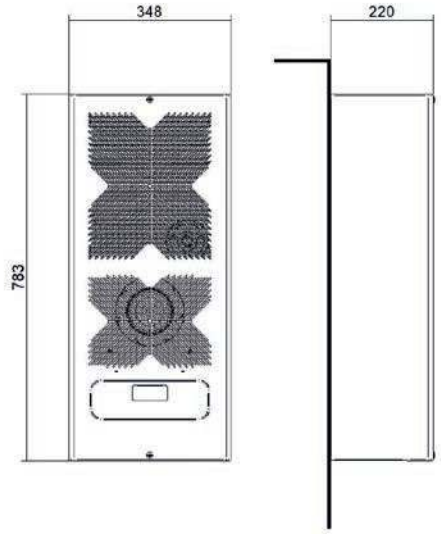
15. DIMENSIONS F.23

NOX06-08



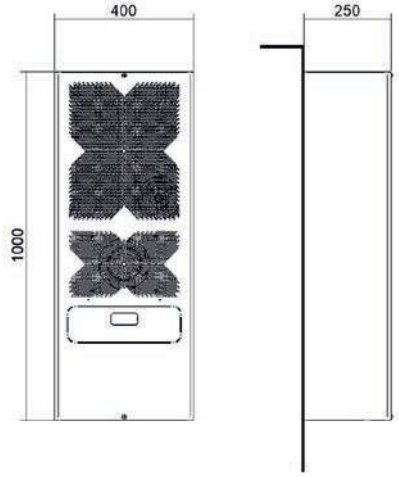
External Mounting

NXT10



External Mounting

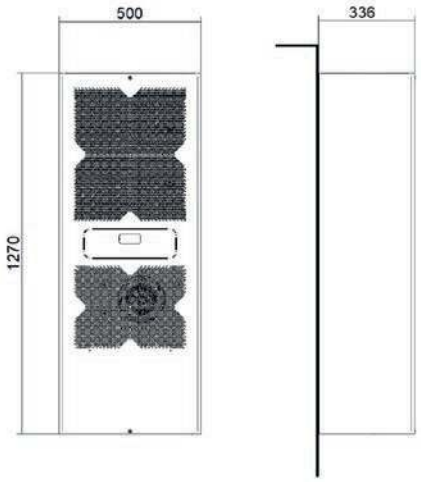
NXT12-16-20



External Mounting

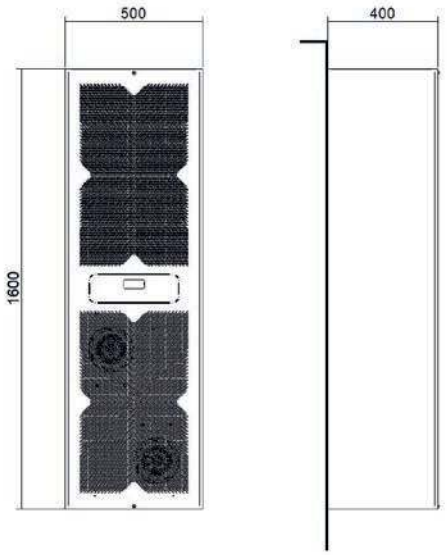
15. DIMENSIONS F.23

NXT30-40



External Mounting

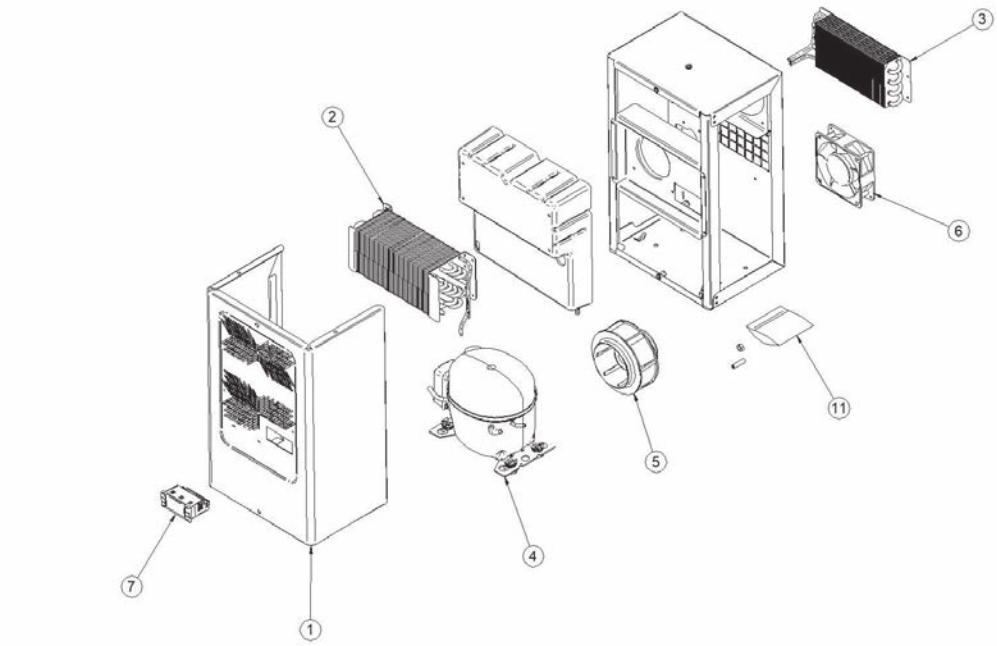
NXT60



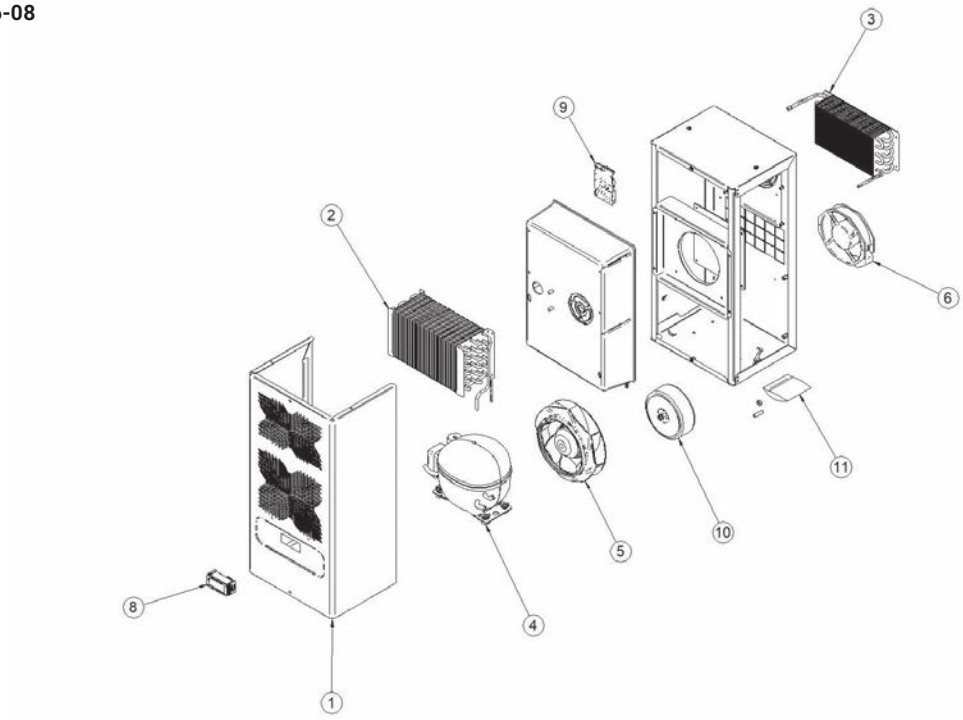
External Mounting

16. SPARE PARTS F.24

NXT04



NXT06-08
NOX06-08

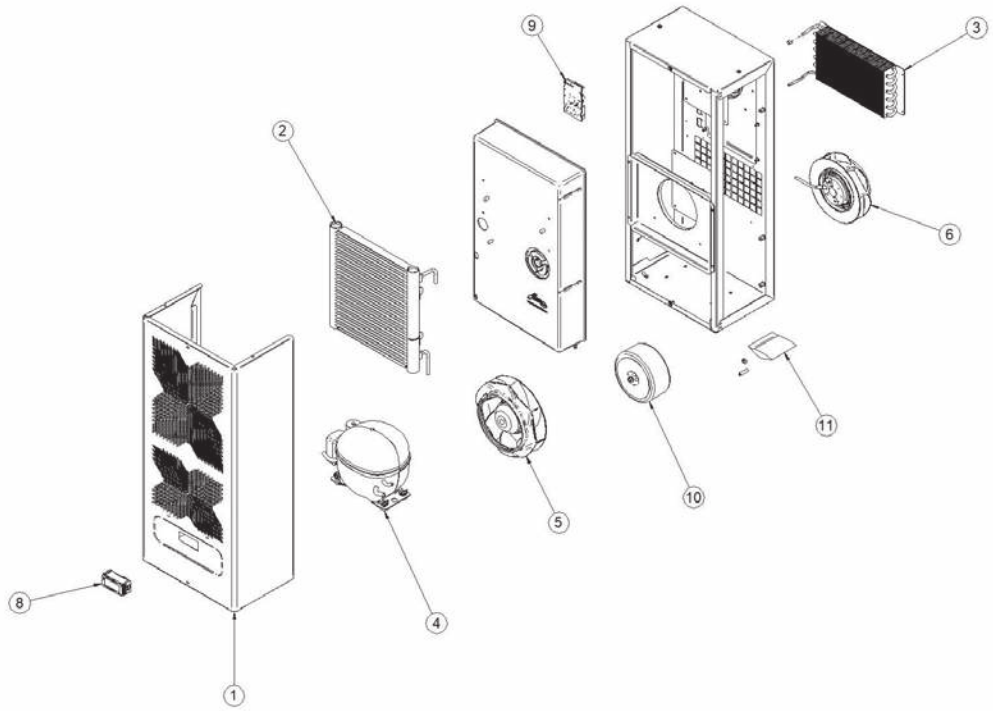


1. Front structure	4. Compressor	7. Electric Control	10. Autotransformer
2. Condenser	5. Condenser fan	8. Display	11. Assembly accessory kit
3. Evaporator	6. Evaporator fan	9. Electronic Board	

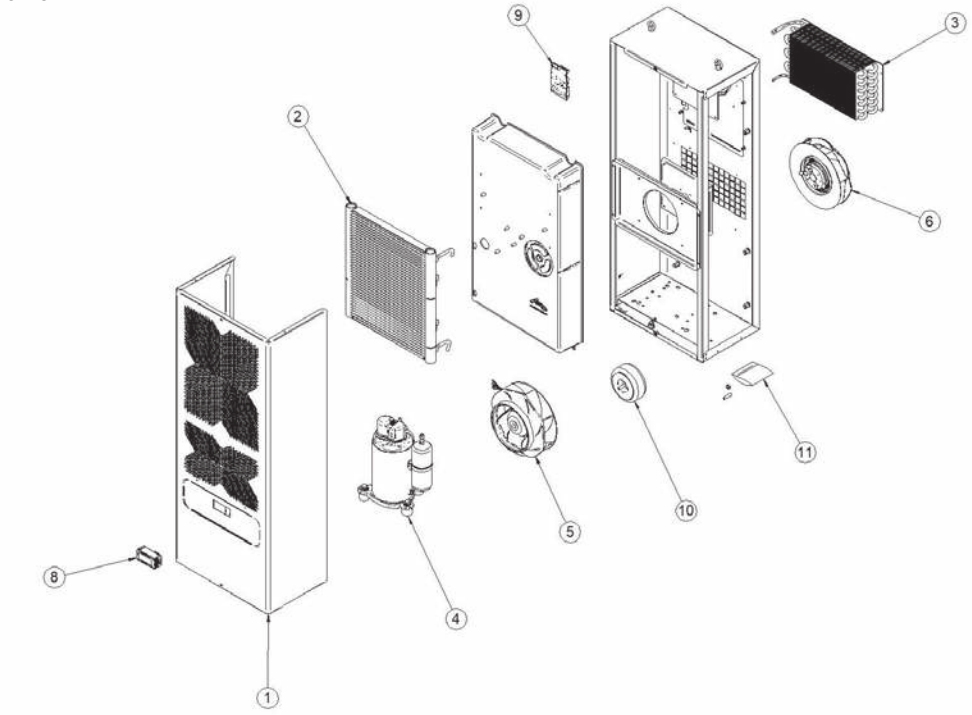
When ordering the following informations are essential: Model, Serial number, Date of production, Requested parts' code

16. SPARE PARTS F.24

NXT10
NOX10



NXT12-16-20
NOX12-16-20

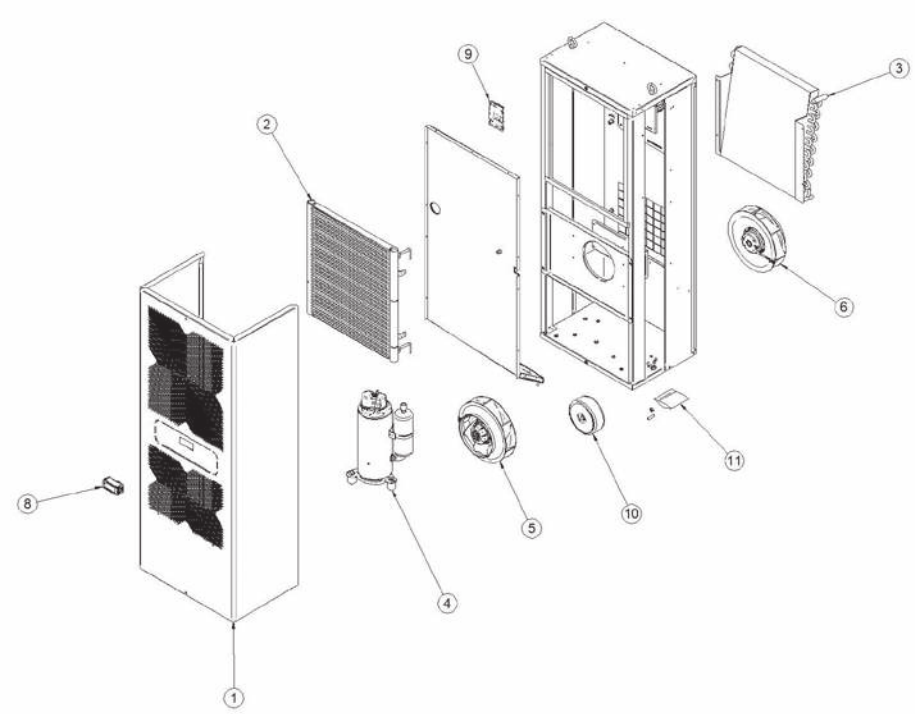


1. Front structure
2. Condenser
3. Evaporator
4. Compressor
5. Condenser fan
6. Evaporator fan
7. Electric Control
8. Display
9. Electronic Board
10. Autotransformer
11. Assembly accessory kit

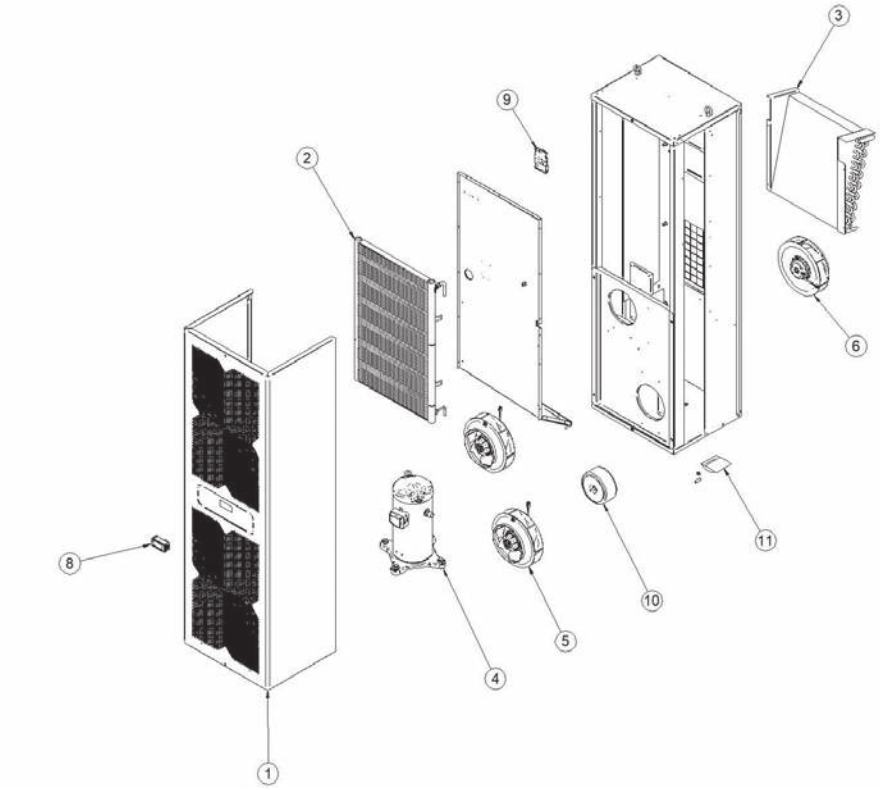
When ordering the following informations are essential: Model, Serial number, Date of production, Requested parts' code

16. SPARE PARTS F.24

NXT30-40
NOX30-40



NXT60
NOX60



1. Front structure	4. Compressor	7. Electric Control	10. Autotransformer
2. Condenser	5. Condenser fan	8. Display	11. Assembly accessory kit
3. Evaporator	6. Evaporator fan	9. Electronic Board	

When ordering the following informations are essential: Model, Serial number, Date of production, Requested parts' code

17. GUARANTEE

TEXA INDUSTRIES S.r.l. guarantees its product free from quality defects. It also guarantees for 12 months all the product's components starting from the date of shipment and when they are used in the following conditions:

1. When the temperatures of the panel or enclosure are no higher or lower than those indicated on the rating plate.
2. In circuits or systems that do not require cooling capacities higher than those indicated on the rating plate.
3. On premises where the temperatures are no higher or lower than those indicated on the rating plate.
4. On panels or enclosures with at least a minimum protection level of IP54.
5. When the instructions given in the "operating and maintenance" manual, provided with each single product, are fully complied with.

This guarantee does not cover any damage to the product due to:

a. using a type and quantity of gas in the cooling circuit different to that indicated on the rating plate.

b. using the product on unsuitable premises: where there is an acid or corrosive atmosphere.

For each component found to be faulty during the term of the guarantee, the manufacturer will, according to its unquestionable judgement, repair and/or substitute the faulty components free of charge either at its factory or in one of its authorised companies. Any additional expenses incurred for removing, handling and installation if required are not payable by the manufacturer. Any maintenance work needed and requested by the customer care/of his premises, even if it is during the term of the guarantee, will be billed according to the manufacturer rates. The products repaired or substituted in no way modify the time the guarantee starts or ends. The manufacturer can in no way be held liable except for repairing or substituting faulty products and if such products have to be redelivered it will be on a Carriage Forward basis. It is the customer's responsibility to see to the correct earthing, installation and power supply of the product in compliance with current standards. Reference must be made to the current laws in force regarding liability for damage caused by a faulty product, for which manufacturer is insured.

To benefit from the guarantee terms and relative product information it is essential to have the purchase document and the serial number of the product which you will find on the rating plate. The rating plate is printed on plastic and the writing will remain for a long time even on premises and in environments where conditions are particularly bad.

⚠ **ATTENTION:** the guarantee is automatically invalidated if the product is tampered with in any way.

18. ASSISTANCE SERVICE

Assistance Service For machine malfunctions, technical information or advice on installation, please contact Assistance Service at: TEXA INDUSTRIES S.r.l.

Strada Cà Bruciata, 5 46020 – Pegognaga (MN) – ITALIA

Tel.: 0376 – 554511 – e-mail: texa.service@nVent.com

Before contacting the Manufacturer Assistance Service, ensure you have:

A. The full machine code number;

B. The serial number of the machine;

All requests for assistance must be sent to Manufacturer in writing, by email or fax.

⚠ **Warning:** The equipment can only be returned to Manufacturer on request and after agreement by the Manufacturer itself.

19. NOTES

North America

service@nVent.com
Tel +1 763 422 2211
Follow prompts for option 1, then option 2 then option 3

All Other Locations

texa.service@nVent.com
Tel +39 0376 554511

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

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HOFFMAN-IM-N00607-TexaTechnicalNXT-UKEN-2512