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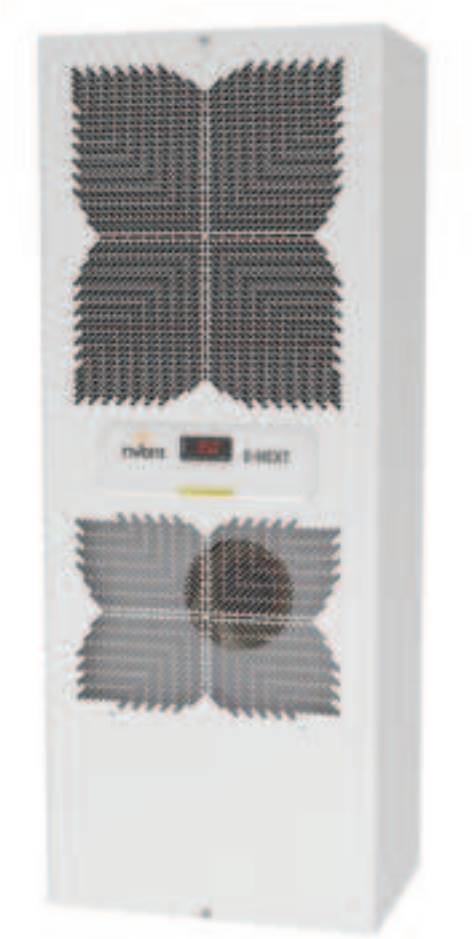
We connect and protect

nVent Air Conditioner NXT40B0E1U01500

Quick Start Guide



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CONTROLLER

1. Controller key functions

Key	Name	Function
⏻	ON/Standby	Press and hold to turn the device ON or OFF or to return to the main page from an internal menu Press while setting parameters to cancel the edit and return to the screen
SET	SET	Hold
∧	UP	Press and hold to go to the settings menu Press to access the setpoint menu (SET) Press once to confirm the edit In menu navigation, it functions like an ENTER key
∨	DOWN	Press to navigate through menus Press and hold from the main page to LOCK (Loc) or UNLOCK (UnL) the keyboard

2. Controller icon descriptions

Icon	Meaning	Description
	Compressor	ON: Compressor is running BLINK: Timers are in progress BLINK FAST: Compressor is running under high load (sequencing configuration) OFF: Compressor is off
	Condenser fan	ON: Fan is running BLINK: Pre or post-ventilation cycle is in progress OFF: Fan is off
	Heater (optional)	ON: Heating element is on BLINK: Timing is in progress OFF: Heating element is off
	Alarm	ON: At least one manual reset alarm is in progress BLINK: Automatic reset alarms are in progress OFF: if no alarm is in progress
	Energy saver	ON: if the evaporator fan economy cycle is in progress OFF: if the evaporator fan economy cycle is not in progress
	Gear	ON: Device is not in the primary view BLINK: Maintenance reporting is active OFF: Normal operation
°C	Celsius degrees	Units in °C
°F	Fahrenheit degrees	Units in °F
%	Units of measurement %	OFF
	On/Standby	ON: Regulation is not active OFF: Regulation is active

3. Changing cooling setpoint

Press **SET** to access the **COO** parameter for setting the cooling setpoint.

Step 1: Press **SET**, **COO** will appear

Step 2: Press **SET**, cooling setpoint will appear

Step 3: Press **SET** until setpoint blinks

Step 4: Press **up** or **down** to adjust, press **SET** to save desired setting, press **SET** to exit

4. Accessing main menu

Press and hold **SET** to enter the **User menu** level.

Available menus:

- **SEt** Access to adjust cooling setpoint
- **ALM** View the list of active alarms
- **PAr** View and edit device parameters
- **OHr** View the operating hours of the device and components
- **HiS** View alarms history
- **nFo** Displays device information
- **PSS** Enter passwords to access the Maintenance and Manufacturer user levels
- **CoL** For starting the testing sequence

To scroll through menu options, press the **up** or **down** keys. When desired menu is displayed, press **SET** to enter the menu.

SEt Adjust cooling setpoint

OHr Displays the hours of operation

ALM Displays the list of current alarms

HiS Displays the alarms history

PAr Allows device parameters to be edited

nFo Displays device information

PSS to enter passwords for authorized user access

CoL to start testing sequence

5. Enabling and disabling the evaporator fan management feature

Step 1: Press and hold **SET** until **SEt** appears

Step 2: Press **down** until **PAr** appears

Step 3: Press **SET**, **PG** will appear

Step 4: Press **down** until **PP** appears

Step 5: Press **SET**, **PO1** will appear

Step 6: Press **SET**, number displayed is minutes evaporator fan alternating on/off in non-cooling

Step 7: 15 minutes is default, management feature is **ON**

Step 8: Set time to 0 to turn OFF. Press **SET** to save setting. Evaporator fan will run continuously

Step 9: Icon shows feature is active

Step 10: No icon, feature is not active

6. Switching display from Celsius to Fahrenheit/Fahrenheit to Celsius

Step 1: Press and hold **SET** until **SEt** appears

Step 2: Press **down** until **PAr** appears

Step 3: Press **SET**, **PG** will appear

Step 4: Press **SET**, **G01** will appear

Step 5: Press **Down** until G07 appears

Step 6: Press **SET**

Step 7a: **0** = Celsius, press **SET** to confirm

Step 7b: **1** = Fahrenheit, press **SET** to confirm

7. Running web interface

Connect hardware:

Connect RJ45 cable to Ethernet port on the Gateway and to computer (or to router) Power NXT40B0E1U01500Unit

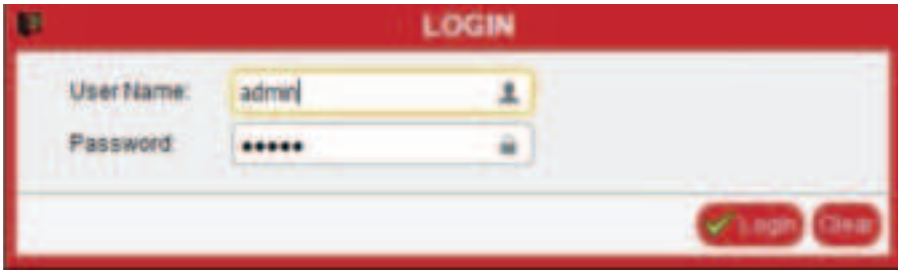
Get Gateway's IP address

Tap the Gateway screen to wake it. **MAIN MENU** appears.

Tap **NETWORK** to view **Net Config** with Gateway's IPv4 and IPv6 addresses.

Connecting with web interface

Open a web browser and enter the Gateway IP address. The login box appears:



Enter username and password, then click Login.

Username: admin

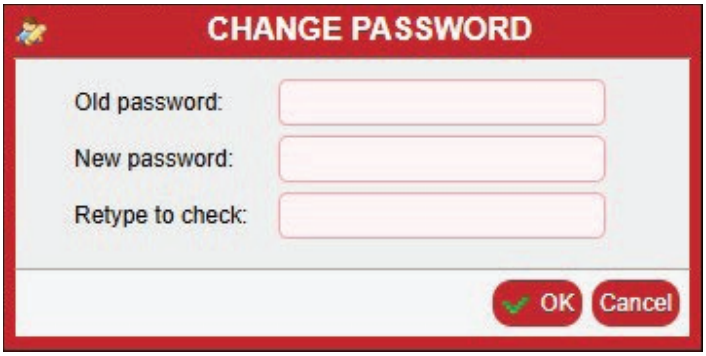
Password: admin

Web interface screen appears:

To change the password, go to **USER MANAGEMENT** (top left), then **Change Password**. Enter new password, then click **OK**.

8. Changing password

Go to **USER MANAGEMENT**, then **Change Password**. The **CHANGE PASSWORD** screen appears:



Enter old and new passwords, then click **OK** to save the new password.

9. Changing IP address

Click **DEVICE SETTINGS**, then **Network**, then **IPv4 Settings**. The IPV4 SETTINGS screen appears:

Click **Address Assignment** to choose DHCP or STATIC.

DHCP:

1. Unit gets its IP address from a DHCP server.
2. The IP in the **IP Address** textbox is the previous address.

STATIC:

3. Enter unit's IP address in the **IP Address** textbox.
4. Unit will use this IP.

Click **OK** to save IP settings to unit.

10. Viewing sensors (read-only) parameters

The **Sensors** tab shows all sensor parameters and their information, and always appears in the web interface:

The web interface always shows an **EXPLORER** panel with the unit tree (TX-i40/1:6). The tree has **Controls** and **Sensors** branches.

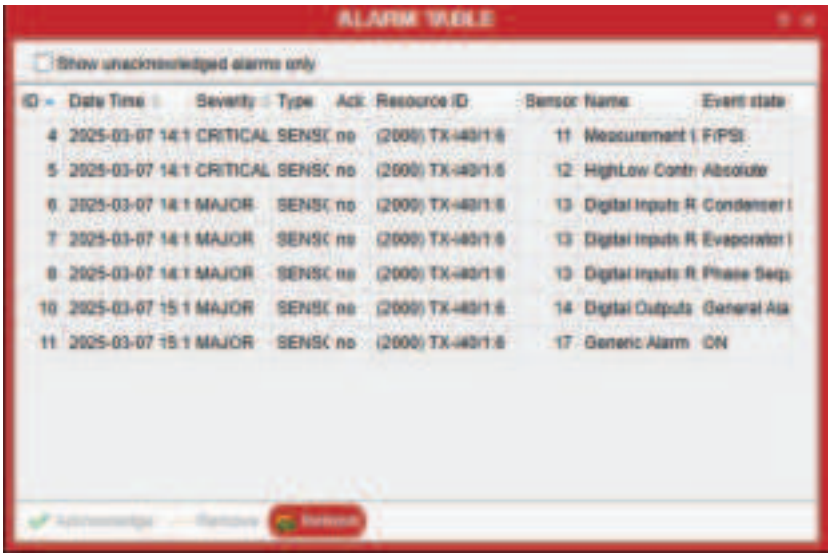
The **Sensors** branch has read-only parameters. Expand it to see the parameters. Clicking a parameter opens a tab with its information.

11. Changing setpoint (read-write) parameters

Expand the **Controls** branch on the **EXPLORER** panel. The **Controls** branch has read-write parameters. Clicking a parameter opens a tab where the parameter value can be changed. To save changes, click **Set**.

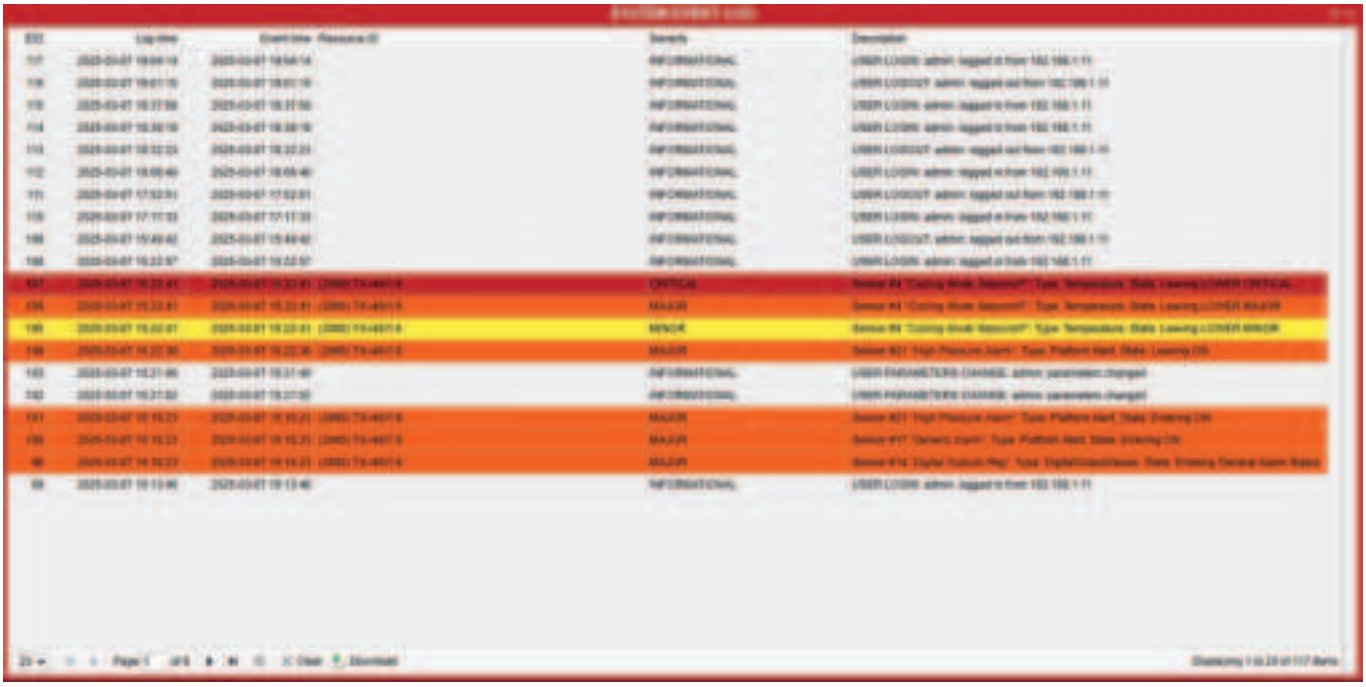
12. Viewing alarms

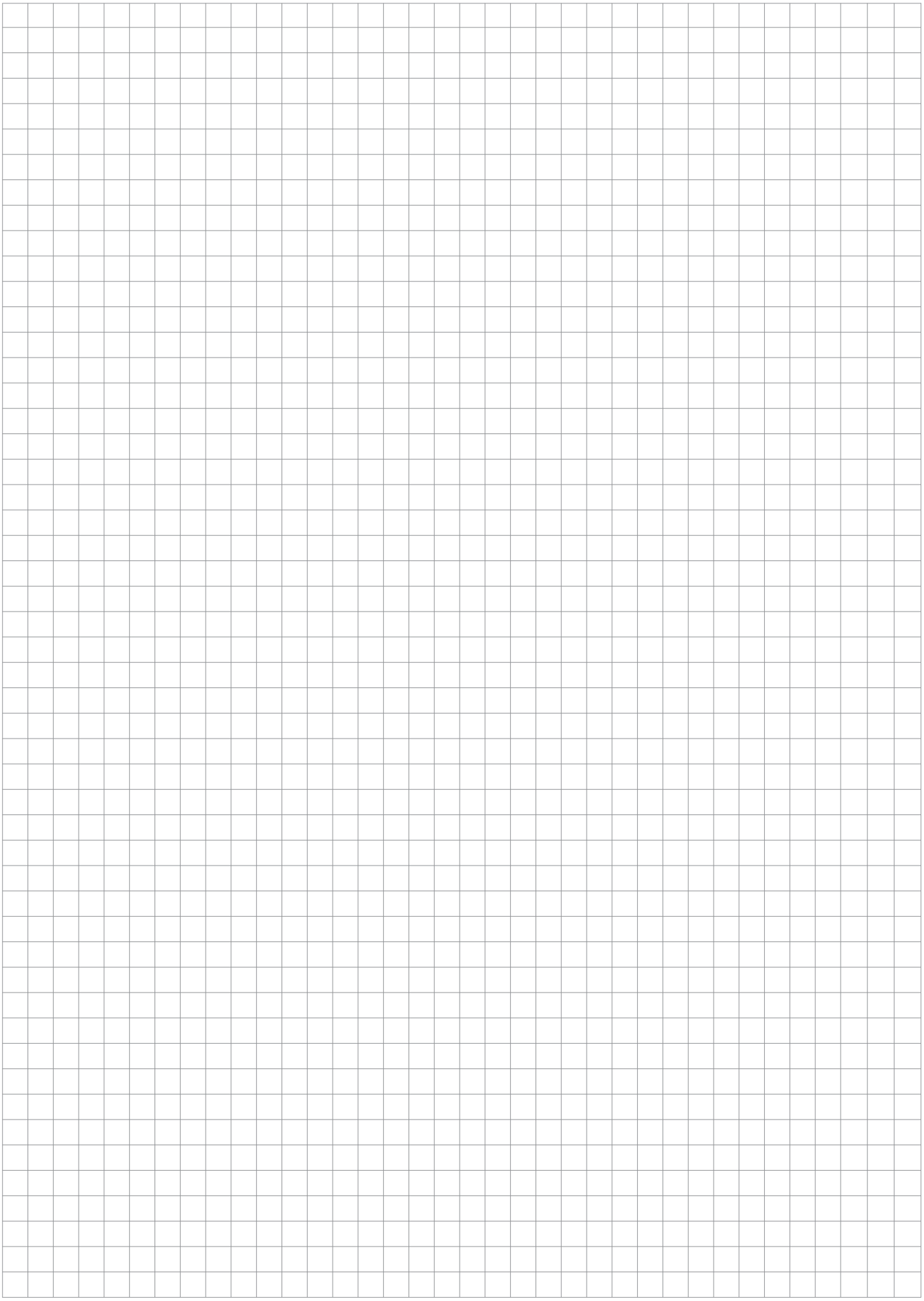
Click **ALARMS** (top right) to view collected alarms. The ALARM TABLE screen appears:



13. Viewing events

To view events collected by the unit, click **EVENTS** (top right). The **SYSTEM EVENT LOG** screen appears:





North America
Tel 763.422.2211
service@nVent.com

Europe
Tel +39.0376.554511
texa.service@nVent.com

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