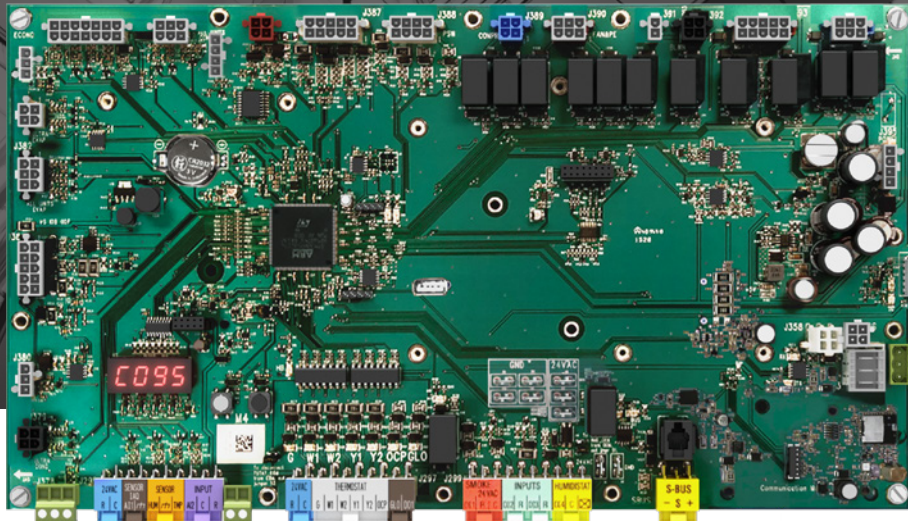


LENNOX®

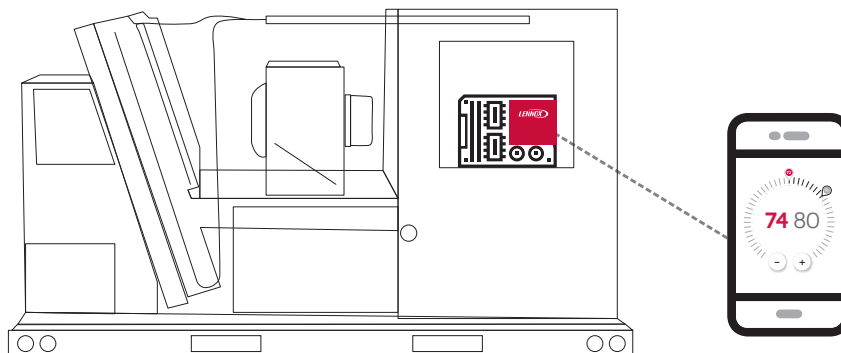
CORE LITE



RELIABLE WIRED AND WIRELESS TECHNOLOGIES

Lennox® CORE Lite utilizes the mobile service app and a built-in wireless gateway to deliver the lowest cost of ownership.

CORE LITE WIRELESS ARCHITECTURE



LENNOX
XION

LENNOX® CORE LITE UNIT CONTROLLER – CONNECTED SERVICE

CORE Lite features several layers of security which are designed to provide reliable performance. CORE Lite is available standard on Xion™ rooftop units.

CORE LITE UTILIZES THE FOLLOWING TECHNOLOGIES:




- Bluetooth® Low Energy (BLE) Radio for the Lennox® CORE Service App

BLUETOOTH™ LOW ENERGY ENCRYPTION: CORE Lite uses several different encryption methods on the point-to-point BLE connection to prevent unauthorized reading or writing of data.

- The CORE Service app utilizes AES encryption to maintain a secure link to the CORE Lite Unit Controller while service is being performed on the unit. A physical button press on the unit is required to initiate the pairing process, and units cannot be re-paired without physical access.

FIRMWARE VALIDATION: The CORE Lite Unit Controller utilizes an isolated hardware-based Secure Boot Manager to ensure that the device can only be run with authentic Lennox Firmware to prevent potentially malicious operation. Firmware updated through USB is verified before it can be installed. Additionally, the system maintains a backup of signed firmware should a fault occur.

AUDIT & CONTINUED SUPPORT: CORE Lite has been audited by external 3rd parties* with an array of tests to validate the above claims and design. Firmware updates for the CORE Unit Controller are provided to the customer free of charge and can be deployed manually via USB to keep the system running safely and securely. Additional information on CORE Lite, Xion™ is available upon request for interested customers.

		CORE Lite Unit Controller	CORE Service App
	Encryption	BLE Direct Connection (AES)	BLE Direct Connection (AES)
	Firmware Validation	Signed Firmware Secure Boot Management (Hardware Security)	Not Applicable (iOS and Android Native Applications)
	Access	Requires Physical Access to Device	Requires Physical Access to Device



Join the rooftop revolution by contacting your Sales Representative today!

*Due to Lennox' ongoing commitment to quality Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Audits on equipment and result to be released prior to complete product launch.

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