



Turn to the experts

# INFINITY® SYSTEM GAS FURNACES WITH BLUETOOTH® CONNECTIVITY

Infinity System gas furnaces bring the latest in connected technology to the furnace category. Building on the high level of performance you have come to expect, the new Infinity gas furnaces have been enhanced with new, easy-to-access digital tools and key equipment information for a faster, easier installation and service experience. Whether technicians utilize the communicating Infinity System Control, or the Carrier Service Technician app with Bluetooth or patent-pending Near-Field Communication (NFC), they are sure to have a simple and efficient service experience.

## Product Features and Benefits

### Efficiency

- Up to 98.5% AFUE
- Modulating or two-stage gas valve
- Variable-speed, constant airflow blower motor
- Low NOx models available

### Technology

- Fully communicating and self-configuring when paired with Infinity System Control
- Bluetooth and NFC connectivity through the Carrier Service Technician app for setup and diagnostics
- Return air temperature sensor factory installed; supply air temperature sensor included for field installation
- Enhanced Diagnostics with easy-to-read 3-digit LED display with fault codes and status

### Quieter Performance

- Fully insulated and gasket sealed furnace cabinet
- Modulating gas valve (59MN7C) runs in low stages more often to provide quiet performance
- Separate internal blower door for reduced fan noise and quieter operation on 80% models

### Durability/Reliability

- Test-to-fail protocols during development
- Power Heat™ Ignitor
- Draft Safeguard switch to ensure proper venting
- Solid, durable galvanized steel cabinet construction

### Compatibility

- Hybrid Heat® Dual-Fuel System compatible
- Compatible with variable-speed condensing units
- Propane convertible with gas conversion accessory



Condensing Gas Furnace



Non-Condensing Gas Furnace

Condensing	AFUE (up to)	Motor	Heating	Cool	Dehum	Blr Ins
59MN7C	98.5%	VCA	Modulating	Variable	Y	Y
59TN6C	96.7%	VCA	2	Variable	Y	Y

Non-Condensing	AFUE	Motor	Htg	Cool	Dehum	Blr Ins	NOx
58TN0B	80%	VCA	2	Variable	Y	Y	Std
58TB1B	80%	VCA	2	Variable	Y	Y	Low

## Flexibility for Dealers and Peace of Mind for Homeowners

### Installation and Serviceability

- Flexible system set up through control board interface, Infinity System Control or service app
- Four comfort/efficiency settings for selecting multi-stage heating airflows
- View diagnostics and system configuration remotely through Carrier Connected Portal

### Service Tech App Compatibility

- Use app for setup, diagnostics, and control board replacement using Bluetooth or NFC
- Retrieve diagnostics without opening furnace cabinet over Bluetooth connection
- View current sensor data (RAT/SAT, blower motor RPM)

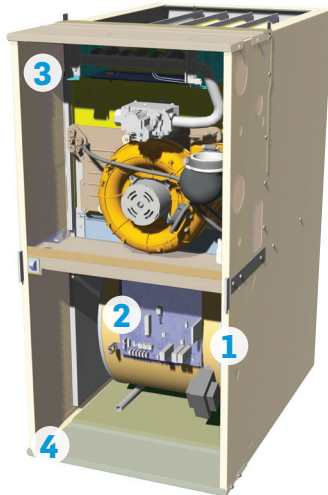
### Limited Warranty\*

- Ten-year parts limited warranty upon timely registration
- Lifetime heat exchanger warranty with timely registration

\* Registration required, except where restricted by jurisdiction. See warranty card for complete details and restrictions.

# The Carrier Difference

If you could look inside an Infinity System gas furnace, you'd see what drives the performance – a serious commitment to innovation and quality. Here are some features and functions that you and your customers will appreciate:



**1 Variable-Speed, Constant Airflow (VCA) ECM Motor** – our most efficient blower motor provides optimized comfort year round with active/passive dehumidification, constant airflow and quiet operation.

**2 Technology Enhanced Control Board** – featuring NFC technology, Bluetooth and a 3-digit LED display for a faster, easier, and more accurate installation process, as well as better system diagnostics and troubleshooting.

**3 Quiet Comfort** – with multi-stage operation, insulated blower compartments, gasket sealed furnace casings, and separate furnace doors, Carrier delivers reduced fan noise and quieter operation.

**4 Installation Flexibility** – with a 4-way multi-prise design and 12 vent applications, these Infinity System gas furnaces can meet any installation challenge.

## Key Service Features

### ✓ Bluetooth Connectivity

New Bluetooth capability in the Service Tech app is exclusive to our Infinity System gas furnaces. In space constrained installations, save time on your service calls by retrieving fault code information or checking critical performance data without entering the furnace cabinet and making fewer trips into an attic or crawlspace.

### ✓ NFC Technology

Technicians will appreciate this intuitive technology which enables communication between the furnace control board and our service technician app. The NFC-enabled control board delivers easier, faster, and more accurate product installation, diagnostic checks, and servicing. One tap of your mobile device to the NFC antenna on the control board and you're connected – it's that fast and easy.



### ✓ 3-Digit LED Display

This new 3-digit LED display, with its two push buttons, creates an easy-to-use interface at your fingertips. Additionally, this display is the source of easy-to-read fault code communication – replacing the lengthy task of counting flashing LED lights.



### ✓ QR Codes Linking to Product Support

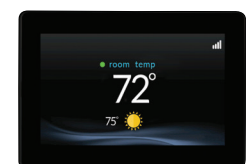
Three new QR codes have been added to the furnace door allowing quick access to the following support material:

- A. NFC resource page with "How To" video, links to the service app, and Frequently Asked Questions
- B. Digital technical literature including airflow tables
- C. Troubleshooting guides



### ✓ Fully Communicating Infinity System

The key to unlocking all of the available features of Infinity System gas furnaces is the Infinity System Control. Technicians will love the intelligent features, such as a self-configuration at commissioning and remote monitoring through the Carrier Connected Portal.



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