

Heating Solutions⁰⁶



Turn to the Experts.™

gas furnaces^{90/80}
oil furnaces⁸⁰
boilers^{90/80}

& featuring

 **HYBRIDHEAT**



TECHNOLOGY SHOWN: INFINITY™ CONTROL, INFINITY™ FURNACE CONTROL BOARD, POWER HEAT™ IGNITER AND INFINITY™ 80 HEAT EXCHANGER.

HybridHeat™

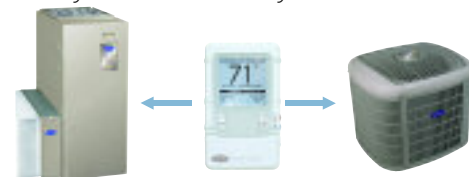
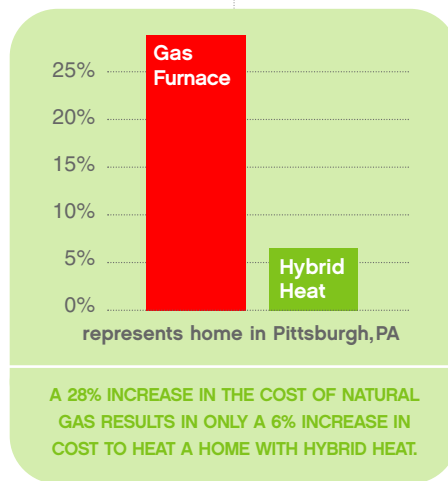
The Hybrid Heat™ system provides an economical solution to the rising uncertainty surrounding utility

costs. Comprised of a heat pump, a furnace and a wall-mounted control,* these systems deliver maximum energy-efficiency by automatically choosing the most economical heating source during moderate heating conditions. Carrier's ultimate Hybrid Heat™ system combines an Infinity™ 96 gas furnace with

our Infinity™ 19 heat pump to provide soothing, superior comfort during both heat pump and furnace operation.

This system is tied together by the Infinity™ Zoning Control which is set to a "balance point" that tells it when best to select heat pump operation and when to choose furnace operation. Ask your dealer for an estimate

on how much you can save in your area.



Performance™																
FURNACE	Infinity™ 96		Infinity™ 96		Infinity™ 80		Performance™ 93		Performance™ 80		VS 80 Oil		Comfort™ 92		Comfort™ 80	
	58MVB		58UVB		58CVA (CVX)		58MTB		58CTA (CTX)		58VMR, 58VLR		58MXB		58DLA (DLX)	
AFUE	up to 96.6%		up to 95%		up to 80%		up to 93%		80%		83%		up to 92%		80%	
Multipoise	x				x		x		x		58VMR		x		x	
Variable	x		x		x						x					
2-stage	x		x		x		x		x							
CONTROLS	Infinity™ Zoning				Infinity™ Control				Thermidstat™ Control				Hybrid Heat™ Control			
	SYSTXCCUIZ01-A				SYSTXCCUID01-A				TSTATCCPRH01-B				TSTATCCPHH01-B			
	Heat stages				Cool stages				Humidity control				OAT			
	Auto configuration															
5				2				x				x				
2				2				x				x				
x				x				x				x				
x				x				x				x				
x				x												
HEAT PUMP	25HNA9	25HNA6	25HPA5	25HPA4	25HPA3	25HPR3	25HPA5	25HPA4	25HPR3	25HPA3	24HCA4	24HCA3	24HCR3			
	19	16	15	14	13	13	15	13	13	13	14	13	13			
	9	9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5			
	x	x	x	x	x	R-22	x	x	R-22	x	x	x	R-22			
	2	2	1	1	1	1	1	1	1	1	1	1	1			

* Each furnace, control and heat pump is compatible within each tier. Infinity™ controls are only compatible with Infinity™ furnaces.

Gas Furnaces

INFINITY  SERIES

Infinity™ 96

- Up to 96.6% AFUE
- All 58UVB models achieve 95% AFUE*
- Compatible with Carrier's **Infinity™** user interface
- **IdealHumidity™** with variable speed & **SmartEvap™** technologies
- **ComfortHeat™** Technology with microprocessor controlled 2-stage heating
- Reliable **Power Heat™** hot surface ignition
- 5-year limited warranty on all parts
- Lifetime limited warranty on heat exchangers




IdealHumidity.


ComfortHeat.

58MVB040-F-14	58MVB080-F-20
58MVB060-F-14	58MVB100-F-20
58MVB080-F-14	58MVB120-F-20

58UVB060-F-14	58UVB100-F-20
58UVB080-F-14	58UVB120-F-20
58UVB080-F-20	

* 58UVB models are upflow and direct vent only models

Infinity™ 80

- 80% AFUE
- 4-way multipoise design
- Compatible with Carrier's **Infinity™** user interface
- QuietTech™ sound reduction technology
- **IdealHumidity™** with variable speed & **SmartEvap™** technologies
- **ComfortHeat™** Technology with microprocessor controlled 2-stage heating
- Compact cabinet design stands at only 33-1/3" tall
- Reliable **Power Heat™** hot surface ignition
- 20-year limited warranty on heat exchangers
- 5-year limited warranty on all parts




IdealHumidity.


ComfortHeat.

58CVA(CVX)07012	58CVA(CVX)11020	58CVA(CVX)15522
58CVA(CVX)09016	58CVA(CVX)13522	

Performance™ 93

- Up to 93% AFUE
- 4-way multipoise design
- **Energy Star®** compliant
- Runs in low stage 90% of operation
- **ComfortFan™** Technology adjusts constant fan speed from the thermostat
- **ComfortHeat™** Technology with microprocessor controlled 2-stage heating
- Reliable **Power Heat™** hot surface ignition
- 5-year limited warranty on all parts
- Lifetime limited warranty on heat exchangers



58MTB060-F-12
58MTB080-F-12

58MTB080-F-16
58MTB100-F-16

58MTB100-F-20
58MTB120-F-20

Performance™ 80

- 80% AFUE
- 4-way multipoise design
- **QuietTech™** sound reduction technology
- Runs in low stage 90% of operation
- **ComfortFan™** Technology adjusts constant fan speed from the thermostat
- **ComfortHeat™** Technology with microprocessor controlled 2-stage heating
- Compact cabinet design stands at only 33-1/3" tall
- Reliable **Power Heat™** hot surface ignition
- 5-year limited warranty on all parts
- 20-year limited warranty on heat exchangers



58CTA(CTX)04508
58CTA(CTX)04512
58CTA(CTX)07008

58CTA(CTX)07012
58CTA(CTX)07016
58CTA(CTX)09014

58CTA(CTX)03016
58CTA(CTX)09020
58CTA(CTX)11012

58CTA(CTX)11016
58CTA(CTX)11022
58CTA(CTX)13516

58CTA(CTX)13522
58CTA(CTX)15520

Comfort[™] 92

- Up to 92% AFUE
- 4-way multipoise design
- Energy Star[®] compliant
- ComfortFan[™] Technology adjusts constant fan speed from the thermostat
- Reliable Power Heat[™] hot surface ignition
- 5-year limited warranty on all parts
- Lifetime limited warranty on heat exchangers



58MXB040-F-08	58MXB060-F-12	58MXB080-F-16	58MXB100-F-20
58MXB040-F-12	58MXB080-F-16	58MXB080-F-20	58MXB120-F-20
58MXB060-F-08	58MXB080-F-12	58MXB100-F-16	58MXB140-F-20

Comfort[™] 80

- 80% AFUE
- 4-way multipoise design
- QuietTech[™] sound reduction technology
- ComfortFan[™] Technology adjusts constant fan speed from the thermostat
- Compact cabinet design stands at only 33-1/3" tall
- Reliable Power Heat[™] hot surface ignition
- 5-year limited warranty on all parts
- 20-year limited warranty on heat exchangers



58DLA(DLX)04508	58DLA(DLX)07012	58DLA(DLX)09016	58DLA(DLX)11016	58DLA(DLX)13522
58DLA(DLX)04512	58DLA(DLX)07016	58DLA(DLX)09020	58DLA(DLX)11022	58DLA(DLX)15520
58DLA(DLX)07008	58DLA(DLX)09014	58DLA(DLX)11012	58DLA(DLX)13516	

Boilers

Performance™ Series



Performance™ 90 Boiler BW9
90% AFUE
Energy Star® compliant



Performance™ 86 Boiler BW4
Up to 86.5% AFUE BW5
Energy Star® compliant



Performance™ 84 Boiler BW3
Up to 84.4% AFUE
Cast iron heat exchanger
Stainless steel burners

Comfort™ Series



Comfort™ 80 Boiler
Up to 81.6% AFUE BW1
Water boiler BW2
Cast iron heat exchanger
Stainless steel burners



Comfort™ Steam 80 Boiler BS1
Up to 81.6% AFUE BS2
Steam boiler
Cast iron heat exchanger
Stainless steel burners

Carrier Boilers		Performance™	Performance™	Performance™	Comfort™	Comfort™
Features		90	86	84	80	Steam 80
PERFORMANCE	Efficiency (AFUE)	90%	up to 86.5%	up to 84.4%	up to 81.6%	up to 82.7%
	Fuel	Gas	Oil	Gas	Gas (Water)	Gas (Steam)
	Input range	50-200 MBH	91-280 MBH	42.5-280 MBH	37.5-280 MBH	75-299 MBH
	Heat exchanger warranty	15 year	20 year	20 year	20 year	12 year
	5-year parts warranty	x	x	x	x	x
	Energy Star® compliant	x	x			
TECHNOLOGY	Heat exchanger	Cast Aluminum	Cast Iron	Cast Iron	Cast Iron	Cast Iron
	Burners	Stainless Steel	Beckett /Riello	Titanium Composite	Titanium Composite	Titanium Composite
	Low water cutoff	x				
	Propane convertible	x		x	x	x
	Section seals		Cast Iron	Cast Iron	Cast Iron	Cast Iron
	Insulated casing		x	x	x	x
CONTROLS	Automatic vent damper				x	x
	Automatic gas valve	x			x	x
	Continuous pilot				BW1	BS1
	Intermittent pilot	x		x	BW2	BS2
	Spark ignition		x			

Nomenclature Guide

Model Number	BW9	100
	Series Designation	Input Capacity

OilFurnaces

Performance™ Series



Performance™ VS 80 Oil

Up to 83.5% AFUE
Variable speed technology
4-way multipoise & lowboy designs

58VMR105-12 58VLR105-12
58VMR120-20 58VLR120-20

Comfort™ Series



Comfort™ 80 Oil

Up to 80.5% AFUE
Beckett burner
4-way multipoise & lowboy designs

58CMA105-12 58CLA105-12
58CMA120-20 58CLA120-20

Performance™ 80 Oil

Up to 80.5% AFUE
Riello burner
4-way multipoise & lowboy designs

58CMR105-12 58CLR105-12
58CMR120-20 58CLR120-20

Carrier Oil Furnaces		Performance™	Performance™	Comfort™
Features		80 Variable	80	80
PERFORMANCE	Efficiency (AFUE)	up to 83.5	up to 80.5	up to 80.5
	Limited lifetime warranty on combustion chamber	x	x	x
	5-year parts warranty	x	x	x
	Riello burner	x	x	
	Beckett burner			x
AESTHETICS	4-way multipoise design	x	x	x
	Galvanized steel cabinet material	x	x	x
	Appliance style finish	x	x	x
SOUND	Silencer baffle	x	x	
	Insulated walls	x	x	x
TECHNOLOGY	IdealHumidity™	x		
	Variable speed technology	x		
	Stainless steel combustion chamber	x	x	x
	EAC & humidifier terminals on control board	x	x	x

Nomenclature Guide

Model Number	58VMR	105	100	12
	Series Designation	Input Capacity	Series	Cooling Airflow

Gas Furnace Distinguishing Details

	Infinity™	Performance™	Comfort™	Infinity™	Performance™	Comfort™
	96	93	92	80	80	80
PERFORMANCE	Efficiency (AFUE)	up to 96.6%	up to 93%	up to 92%	80%	80%
	Variable speed technology	x			x	
	ComfortHeat™ 2-stage heating	x	x		x	
	Lifetime heat exchanger warranty	x	x	x		
	20-year heat exchanger warranty				x	x
	5-year parts warranty	x	x	x	x	x
	Energy Star® compliant	x	x	x		
	13 venting options				x	x
	Power Heat™ hot surface ignition	x	x	x	x	x
	Vertical or sidewall venting	x	x	x		
	Direct & non-direct venting capable	x*	x	x		
	4-way multipoise design (58UVB is designed for upflow only)	x	x	x	x	x
	Propane convertible	x	x	x	x	x
AESTHETICS	Single front door design	x	x	x	x	x
	Galvanized steel cabinet material	x	x	x	x	x
	Appliance style finish	x	x	x	x	x
SOUND	Variable speed technology	x			x	
	Low stage operation	x	x		x	
	Fully insulated blower compartment	x	x	x	x	x
	Direct vent capable sealed combustion	x	x	x		
CONTROLS	QuietTech™ sound reduction technology	x	x	x	x	x
	Infinity™ intelligence	x			x	
	Optional PDA/laptop diagnostics	x			x	
	ComfortHeat™ adaptive control heat staging	x	x		x	x
	Non-volatile fault code memory	x	x	x	x	x
	EAC & humidifier terminals on control board	x	x	x	x	x
	LED diagnostics	x	x	x	x	x
TECHNOLOGY	Self-test capable	x	x	x	x	x
	Infinity™ intelligence	x			x	
	IdealHumidity™	x			x	
	Variable speed technology	x			x	
	ComfortHeat™	x	x		x	
	SmartEvap™	x	x	x	x	x
	ComfortFan™	x	x	x	x	x
	High efficiency air filtration cabinet	x	x	x	x	x
	Power Heat™ Igniter	x	x	x	x	x
	Serpentuff™ secondary heat exchanger	x	x	x		
	Draft safeguard switch				x	x

* 58UVB is ventilated combustion air

Nomenclature Guide

Model Number	58MVB	040	F	14
	Series Designation	Input Rates	Accessory Designation	Cooling Airflow