Heating Solutions



Gas Furnaces Oil Furnaces Boilers



Oil Furnaces

Performance™ OVM098 Multi-Poise/OVL098 Low-Boy.....

- Up to 85.7% AFUE
- Variable speed technology
- 98,000 Bth/h input
- · Four-way multi-poise and low-boy designs
- · Operates with either Beckett or Reillo burners

OVLAAB036098

OVMAAB036098

Performance™ VS 80 Oil

- Up to 83.5% AFUE
- Variable speed technology
- · Four-way multi-poise and low-boy designs

58VMR105-12

58VMR120-20

58VLR105-12

58VLR120-20

Performance™ 80 Oil

- Up to 80.5% AFUE
- · Riello burner
- · Four-way multi-poise and low-boy designs

58CMR105-12

58CMR120-20

58CLR105-12

58CLR120-20

Comfort™ OBM098 Multi-Poise/OBL098 Low-Boy.....

- Up to 85.7% AFUE
- 98,000 Bth/h input
- Four-way multi-poise and low-boy designs
- Operates with either Beckett or Reillo burners

OBLAAB036098

OBMAAB036098

Comfort™ 80 Oil

- Up to 80.5% AFUE
- · Beckett burner
- Four-way multi-poise and low-boy designs

58CMA105-12

58CMA120-20

58CLA105-12

58CL A120-20



Features Performance	OVM Multi-Poise	OVL Low-Boy	Performance [™] 80 Variable	Performance [™] 80	OBM Multi-Poise	OBL Low-Boy	Comfort [™] 80
Efficiency (AFUE)	up to 85.0	up to 85.7	up to 83.5	up to 80.5	up to 85.0	up to 85.7	up to 80.5
Limited lifetime warranty on combustion chamber	•	•	•	•	•	•	•
Ten-year parts warranty*	•	•	•	•	•	•	•
Riello burner	•	•	•	•	•	•	
Beckett burner	•	•			•	•	•
Four-way multi-poise design	•		•	•	•		•
Aesthetics							
Galvanized steel cabinet material	•	•	•	•	•	•	•
Appliance style finish	•	•	•	•	•	•	•
Sound							
Silencer baffle	•	•	•	•	•	•	•
Insulated walls	•	•	•	•	•	•	•
Technology							
Ideal Humidity System® technology	•	•	•				
Variable speed technology	•	•	•				
Stainless steel combustion chamber	•	•	•	•	•		
EAC and HUM terminals on control board	•	•	•	•	•	•	

Nomenclature Guide				
Model Number	58MVR	105	100	12
	Family	Input	Series	Cooling
	Designation	Capacity	Series	Airflow

Boilers/Hydronics

Performance™ 90 Boiler.....

- 90% AFUE
- ENERGY STAR® compliant

Performance™ 86 Boiler.....

- Up to 86.5% AFUE
- ENERGY STAR® compliant

Performance™ 84 Boiler.....

- Up to 84.4% AFUE
- · Cast iron heat exchanger
- Stainless steel burners

Performance™ SmartSource™ Hydronic Coil....

- Infinity® compatibility with SmartSource Interface Kit
- · Low air and water pressure drop for optimal performance
- Heating capacities up to 100MBH

Comfort™ 80 Boiler.....

- Up to 81.6% AFUE
- Water boiler
- · Cast iron heat exchanger
- Stainless steel burners

Comfort™ Steam 80 Boiler.....

- Up to 82.7% AFUE
- Steam boiler
- Cast iron heat exchanger
- · Stainless steel burners









Features Performance	Performance [™] 90	Performance™ 86	Performance [™] 84	Comfort [™] 80	Comfort [™] Steam 80
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	42.5-225 MBH	37.5-280 MBH	75-299 MBH
Heat exchanger warranty	15-year	20-year	20-year	20-year	12-year
Five-year parts warranty	•	•	•	•	•
ENERGY STAR® compliant	•	•			
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	•				
Propane convertible	•		•	•	•
Section seals		Cast Iron	Cast Iron	Cast Iron	Cast Iron
Insulated casing		•	•	•	•
Automatic vent damper				•	•
Controls					
Automatic gas valve	•			•	•
Continuous pilot				BW1	BS1
Intermittent pilot	•		•	BW2	BS2
Spark ignition		•			

N	10	ne	enc	:la	tui	re (Gu	IIa	е

Model Number BW9 100
Series Input
Designation Capacity

Nomenclature Guide

Model Number

r HC2 100

Series Input
Designation Capacity

Gas Furnaces

Comfort S E R I E S

Comfort[™] 95

- 95% AFUE
- · Factory-configured ready for upflow applications
- · Four-way multi-poise design
- Installation indirect vent (two-pipe) or non-direct vent (one-pipe) applications
- ENERGY STAR® compliant
- · Stainless steel primary and secondary heat exchanger
- · Multi-speed, direct-drive PSC blower motor
- · Direct ignition with silicone nitride ignition
- · Electronic control center with blower cooling relay standard
- Ten-year limited warranty on all parts
- · Lifetime limited parts warranty on heat exchangers
- · Twenty-year labor warranty on secondary heat exchangers

58HDX060-10112

58HDX080-10116

58HDX080-10112³

58HDV100-1011

* Meets 94.4% AFUE in horizontal orientation

Comfort[™] 92

- · Up to 92% AFUE
- · Four-way multi-poise design
- ENERGY STAR® compliant
- ComfortFan[™] Technology adjusts constant fan speed from the thermostat
- Reliable Power Heat[™] hot surface ignition
- Ten-year limited warranty on all parts
- · Lifetime limited parts warranty on heat exchangers
- · Twenty-year labor warranty on secondary heat exchangers

58MXB040-F-08

58MXB060-F-12

58MXB080-F-16

58MXB100-F-20

FOMVDOSO E OG

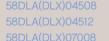
58MXB080-F-12

58MXB100-F-16

58MXB120-F-20

Comfort[™] 80

- 80% AFUE
- · Four-way multi-poise design
- QuieTech™ 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
- · Ten-year limited warranty on all parts
- · Twenty-year limited warranty on heat exchangers



58DLA(DLX)07012 58DLA(DLX)07016 58DLA(DLX)09014 58DLA(DLX)09016 58DLA(DLX)09020 58DLA(DLX)11016 58DLA(DLX)11022 58DLA(DLX)13516 58DLA(DLX)13522 58DLA(DLX)15520





Gas Furnaces

Performance SERIES

Performance[™] Boost 90

- Up to 93% AFUE on Performance Boost 90
- · Four-way multi-poise design
- The Performance Boost 90 furnace can help selected 13.0 and 14.0 SEER Carrier air conditioners achieve energy efficiency up to 1.5 SEER*
- · ENERGY STAR® compliant
- · Runs in low-stage 90% of operation
- ComfortFan[™] Technology adjusts constant fan speed from the thermostat
- Comfort Heat Technology® feature with microprocessor controlled two-stage heating
- Reliable Power Heat[™] hot surface ignition
- · Ten-year limited warranty on all parts
- · Lifetime limited parts warranty on heat exchangers
- Twenty-year labor warranty on secondary heat exchangers

58MEC060-F-12 58MEC080-F-12 58MEC080-F-16

58MEC100-F-20 58MEC120-F-20

Performance[™] 95

- Four-way multi-poise design for upflow (93.5% AFUE) and downflow and horizontal (95% AFUE)
- Installation indirect vent (two-pipe) or non-direct vent (one-pipe) applications
- · Installation flexibility: sidewall or vertical vent
- ENERGY STAR® compliant
- · Stainless steel primary and secondary heat exchanger
- · Two-stage operation
- · BPM variable speed DC motor
- · Direct ignition with silicone nitride ignition
- Ten-year limited warranty on all parts
- · Lifetime limited parts warranty on heat exchangers
- · Twenty-year labor warranty on secondary heat exchangers

58HDV040

58HDV060

58HDV080

58HDV100

Performance[™] 80 / Performance[™] Boost 80

- 80% ΔFLIE
- Four-way multi-poise design
- The Performance Boost 80 furnace can help selected 13.0 and 14.0 SEER Carrier air conditioners achieve added energy efficiency up to 1.5 SEER.*
- QuieTech™ sound reduction technology
- Runs in low-stage 90% of operation (58CTA)
- ComfortFan[™] Technology adjusts constant fan speed from the thermostat
- Comfort Heat Technology® feature with microprocessor controlled two-stage heating (58CTA)
- Compact cabinet design stands at only 33-1/3" tall
- Reliable Power Heat[™] hot surface ignition
- · Ten-year limited warranty on all parts
- · Twenty-year limited warranty on heat exchangers

 58CTA(CTX)04508
 58CTA(CTX)07012
 58CTA(CTX)03016

 58CTA(CTX)04512
 58CTA(CTX)07016
 58CTA(CTX)09020

 58CTA(CTX)07008
 58CTA(CTX)09014
 58CTA(CTX)11012

 58PHA(PHX)04508
 58PHA(PHX)07008
 58PHA(PHX)09012

 58PHA(PHX)04512
 58PHA(PHX)07012
 58PHA(PHX)09012

58CTA(CTX)11016 58CTA(CTX)11022 58CTA(CTX)13516 58PHA(PHX)11012

58PHA(PHX)11020

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

58PHA(PHX)13512 58PHA(PHX)13520





* As compared to the Air Conditioning, Heating and Refrigeration Institute's Standard Coil-Only Rating when paired with selected Carrier evaporator coils.

INFINITY (SERIES

Infinity® ICS

- · Up to 95% AFUE
- · Infinity® Control compatible
- · Our quietest furnace ever
- ENERGY STAR® compliant
- · Holds temperatures 3.5 times tighter than a standard single-stage furnace
- IdealComfort[™] Technology feature with microprocessor controlled three-stage heating
- Ten-year limited warranty on all parts
- · Lifetime limited parts warranty on heat exchangers
- Twenty-year labor warranty on secondary heat exchangers

58MVC040-F-14 58MVC060-F-14 58MVC080-F-20 58MVC100-F-20

58MVC120-F-20

Infinity® 96

- Up to 96.6% AFUE
- · Infinity Control compatible
- Ideal Humidity System® technology with variable speed and SmartEvap™ technologies
- Comfort Heat Technology® feature with microprocessor controlled two-stage heating
- ENERGY STAR® compliant
- Reliable Power Heat™ hot surface ignition
- Ten-year limited warranty on all parts
- · Lifetime limited parts warranty on heat exchangers
- Twenty-year labor warranty on secondary heat exchangers

58MVB040-F-14 58MVB060-F-14

58MVB080-F-14 58MVB080-F-20

58MVB100-F-20 58MVB120-F-20

Infinity® 80

- 80% AFUE
- · Four-way multi-poise design
- Infinity Control compatible
- QuieTech™ sound reduction technology
- · Ideal Humidity System® technology with variable speed and SmartEvap™ technologies
- Comfort Heat Technology® feature with microprocessor controlled two-stage heating
- Compact cabinet design stands at only 33-1/3" tall
- Reliable Power Heat[™] hot surface ignition
- Ten-year limited warranty on all parts
- · Twenty-year limited warranty on heat exchangers

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









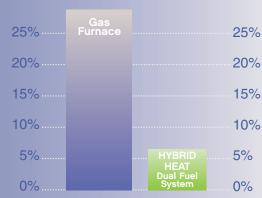




HYBRID HEAT® Dual Fuel Systems

The HYBRID HEAT® dual fuel 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. Ultimate HYBRID HEAT dual fuel systems combine 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 based on weather and utility costs in the area. Use the OpCost Calculator to show consumers how much they can save.



Sample home in Pittsburgh, PA

A 28% INCREASE IN THE COST OF NATURAL GAS RESULTS IN ONLY A 6% INCREASE IN COST TO HEAT A HOME WITH A HYBRID HEAT® DUAL FUEL SYSTEM.





Furnace	Infinity® 58MV		nfinity® 96 58MVB		ity® 80 A (CVX)	Performance™ Boost 90 58MEC	Performance™ 95 58HDV	Performance™ Boost 80 58PHA (PHX) Performance™ 80 58CTA (CTX)	Performance™ VS 80 Oil 58VMR, 58VLR	Comfort™ 95 58HDX	Comfort™ 92 58MXB	Comfort™ 80 58DLA (DLX)
AFUE	up to 9	95% u	p to 96.6%	up to	o 80%	up to 93%	up to 95%	80%	80% 83%		up to 92%	80%
Multi-poise	•		•		•	•	•	• 58VMR		•	•	•
Variable	•		•		•		•		•			
Two-stage			•		•	•	•	•				
Controls	Infinity® Zoning Infinity® Control SYSTXCCUIZ01-A SYSTXCCUID01-A											
Heat stages		5		5		3		3				
Cool stages		2		2			2	2				
Humidity control		•		•			•	•				
OAT		•		•			•	•				
Auto configuration		•		•								
Heat Pump	25HNA9	25HNA6	25HPA5	25HPA4	25HPA3	25HPA5	25H	PA4	25HPA3	24HCB4	24HCB3	24HCB3
SEER	19	16	15	14	13	15	1	3	13	14	13	13
HSPF	9	9	8.5	8.5	8.5	8.5	8	.5	8.5	8.5	8.5	8.5
Puron® refrigerant	•	•	•	•	•	•		•	•	•	•	•
Stages	2	2	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 Furnace Distinguishing Details

Selection for school growth and school growth an	Features Performance	Infinity® ICS 58MVC	Infinity® 96	Boost 90	Performance™ 95	95	92	Infinity® 80 58CVA	Boost 80	Performance™ 80 58CTA	80	
Needleanter rechnology modulation Versible speed technology Content like the brieday's Associated place desirately Associated place and any exercisely Associated place and any exercise place and any			58MVB 96.6%	58MEC 93%	58HDV 95%	58HDX 95%	58MXB 92%		58PHA 80%		58HDV 80%	
Confront internificacy Unitern And section grow vicinity Unitern And section grow vicinity Uniternificacy Unite												
Non-stage, heating Ulcience heat exchange reasoning Ulcience heat exchange reasoning Ulcience heat exchange parts worranty Ulcience heat exchange parts Under heat	Variable speed technology	•	•					•				
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Joseph Rete Activariege perta warranty	Lifetime heat exchanger warranty	•	•	•	•	•	•					
Dysen parts warranty Description Descr		•	•	•	•							
BNEROY STAP* complant 12 Category I werking aptions Power Health Data Line (spitton) 1 or 2 pipe Category IV werking Direct and non-direct verticing public Four-way multi-point design Propase convertible Assthatics Single from door design Dual front door design Sulfarition and the control of the state	20-year heat exchanger parts warranty							•	•	•	•	
18 Category I venting options Power hear's for surface systition 1 or 2 pipe Category I venting 1 or 2 pipe Category I venting 1 or 2 pipe Category I venting 1 or 3 pipe Category I venting 1 or 3 pipe Category I venting 2 or 3 pipe From Acc design 3 pipe from Acc design Dual from Acc design Dual from Acc design Calvenized steel cabher material Appliance style finis Sound Variable speed technology Low-stope operation Fully-insulands blower compartment Direct vent capables seed combustion Control Sa Infinish System retaligence Control Sa Infinish System retaligence Control Real Retained System (acceptable allowers) EAC and humiding fremmas on control bands on control bands on control bands and surface and	10-year parts warranty	•	•	•	•	•	•	•	•	•	•	
Power Heat* hot surface ignition 1 of 2 pep Category N V vertery Chect and non- direct werling capable Four way multi-poise design Propare convertible Assthatics Single front door design Calvarized states cubriet material Appliance syle frish Sound Verticible speed sectionology Low-stage operation Controls Infanty System intelligence Optional PDA flaptop diagnositis Confront Neutral testinality Non-volatile fault code memory LED diagnosities Asstratic testinality Lead and installate testinality Infanty System testinality Non-volatile fault code memory LED diagnosities LED diagnosities Cardinal PDA system testinality Infants of the testinalit	ENERGY STAR® compliant	•	•	•	•	•	•					
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High-efficiency air filtration cabinet Power Heat" Igniter Serpentuff" secondary heat exchanger • • • • • • • • • • • • • • • • • • •	SmartEvap™technology	•	•	•			•	•	•	•	•	
Power Heat" Igniter Serpentuff" secondary heat exchanger • • • • • • • • • • • • • • • • • • •	ComfortFan™technology	•	•	•			•	•	•	•	•	
Serpentuff™ secondary heat exchanger • • • • • •	High-efficiency air filtration cabinet	•	•	•			•	•	•	•	•	
	Power Heat™ Igniter	•	•	•	•	•	•	•	•	•	•	
Draft safeguard switch	Serpentuff [™] secondary heat exchanger	•	•	•			•					
	Draft safeguard switch							•	•	•	•	

Nomenclature GuideModel Number58MVC060F14SeriesInputAccessoryCoolingDesignationRatesDesignationAirflow



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