Competitive Comparison 2016

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

ML195

ML193

ML180

How does Lennox® stack up against the competition?







SLP98V vs. Competition

*Carrier's quietest sound claim is based on non-standardized testing and is not conducted to an industry standard. When the Lennox SLP98V and Carrier 59MN7 are tested per Standard AHRI260-2012, section 4.4.4., Carrier is comparatively 4.9 dB louder on low-fire.

Gas Furnaces

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Feature	Lennox SLP98V	Carrier 59MN7		Daikin DM(C)97MC Goodman GM(C)VM97		Rheem R97V		Trane XC95M	Benefit
AFUE Range	• Up to 98.7%	Up to 98.5%	6	Up to 98.0%	•	97%	•	Up to 97.3%	Maximizes savings with the most efficient furnace you can buy
Stages of Heat	• 35-100%	40-100 %	6	35-100%	•	40-100%	•	40-100%	Feel perfect comfort with temps. maintained within 0.5 degrees
Heat Exchanger Type	Clamshell	Clamshe		Tubular	•	Tubular	•	Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	• VS ECM	• VS ECI	4	VSECM	•	VSECM	•	VS ECM	Feel more comfort with AirFlex tech. matching the home environment
Energy Star	Most Efficient 2016	Most Efficie 2016	ent	ENERGY STAR	•	ENERGY STAR	•	Energy STAR	Represents the leading edge in energy efficiency
Sound	Quietest	Claim	n* •	No Claim	•	No Claim	•	No Claim	Hear w hat matters most w ith the quietest furnace you can buy
Heating Capacity Range (Btuh)	• 66K - 132K	60K - 120	< -	60K - 120K	•	56K - 112K	•	60K - 120K	Offers more options to meet homeow ner's comfort needs
Airflow Range (CFM)	●1,128 - 2,035	●1,075 - 1,81	5	1,386 - 2,231	•	954 - 1,779	•	1,092 - 1,975	Meets air movement needs of homes with a wide CFM range
Cabinet Height	• 33"	• 35	"	34-1/2"	•	34"	•	40"	Provides more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	• Yes	• N	0	Yes	•	Only UH	•	Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty	• 10 Yr	• 10 Yr	*	12 Yr* 10 Yr*	•	10 Yr	•	10 Yr*	Feel peace mind
Heat Exchanger Warranty	Lifetime	Lifetime	*	Lifetime*	•	Lifetime	•	Lif etime*	Feel peace of mind
Control Type	iComfort S30	InfinityTouc	h	ComfortNet	•	EcoNet	•	ComfortLink	Experience comfort control at your fingertips, anytime, anyw here

SL280V vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

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EL195E

EL280

EL180E

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Feature	Lennox SL280V	Carrier 58CVA	Daikin DM(D)80VC Goodman GM(C)VC8		Rheem R802V	Trane XC80	Benefit
AFUE Range	• 80.0%	• 80.0%		•	80.0%	• 80.0%	Can save hundreds of dollars per year compared to older furnaces
Stages of Heat	2-Stage	2-Stage	2-Stage	•	2-Stage	2-Stage	Minimizes temp. sw ings and energy usage w ith high and low stages
Heat Exchanger Type	Clamshell	Clamshell	Tubular	•	Tubular	Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	• VS ECM	• VSECM	• VSECM	•	VSECM	VS ECM	Provides balanced comfort and energy savings
Sound	Quietest	No Claim	 No Claim 	•	No Claim	No Claim	Hear w hat matters most w ith the quietest furnace in its class
Heating Capacity Range (Btuh)	• 66K - 132K	• 66K - 154K	• 60K - 100K	•	50K - 125K	• 60K - 140K	Offers more flexibility w ith a w ider range of heating sizes
Airflow Range (CFM)	1 ,145 - 2,065	1 ,180 - 1,970	1 ,485 - 1,980	•	890 - 1,985	1 ,101 - 1,956	Meets air movement needs of homes with a wide CFM range
Cabinet Height	• 33"	• 33-1/3"	33-3/8"	•	34"	• 40"	Allows for more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	Yes	• No	Yes	•	Yes	Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	• 10 Yr	• 10 Yr*	12 Yr*10 Yr*	•	10 Yr	• 10 Yr*	Feel peace of mind
Heat Exchanger Warranty	• 20 Yr	• 20 Yr	Lifetime*	•	20 Yr	Lifetime*	Feel peace of mind
Control Type	● iComfort S30	InfinityTouch	ComfortNet	•	EcoNet	ComfortLink	Experience comfort control at your fingertips, anytime, anyw here

EL296V vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

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Feature	Lennox EL296V	Carrier 59TN6	Daikin DM(C)96VC Goodman GM(C)VC96	Rheem R96V	Trane S9V2	Benefit
AFUE Range	96.0%	96.7%) ,	96.0%	96.0%	Maximizes savings with the most efficient furnace you can buy; qualifies for many rebates
Stages of Heat	2-Stage	2-Stage	2-Stage	2-Stage	2-Stage	Minimizes temp. swings and energy usage with high and low stages
Heat Exchanger Type	Clamshell	 Clamshell 	Tubular	Tubular	Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	• VS ECM	VS ECM	VS ECM	VS ECM	VS ECM	Provides balanced comfort and energy savings
Energy Star	Energy STAR	Energy Star	Burg Th	BANGY TAR	BANGT STAR	Saves energy w ithout sacrificing features or comfort
Heating Capacity Range (Btuh)	• 44K - 132K	• 60K - 120K	• 40 - 120K	• 42 - 112K	• 40 - 120K	Offers more flexibility w ith a w ider range of heating sizes
Airflow Range (CFM)	●1,125 - 2,125	1 ,090 - 1,815	1 ,407 - 2,231	1 ,200 - 1,700	N/A	Meets air movement needs of homes with a wide CFM range
Cabinet Height	• 33"	9 35	9 34-1/2"	9 34"	9 34"	Allows for more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	• Yes	• No		• No	• Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	• 10 Yr*	• 10 Yr*	12 Yr*10 Yr*	• 10 Yr*	• 10 Yr*	Feel peace of mind
Heat Exchanger Warranty	Lifetime	Lifetime*	Lifetime*	Lifetime	Lif etime*	Feel peace of mind
Control Type	● iComfort S30	InfinityTouch	ComfortNet	ComfortNet	ComfortLink	Experience comfort control at your fingertips, anytime, anyw here

EL296E vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

ML195

ML193

Feature		Lennox EL296E		Carrier 59TP5		Daikin DM96VE Goodman GMEC96	Rheem	Trane XL95	Benefit
AFUE Range	•	96.0%	•	96.7%	•	96.0%		Up to 96.0%	Maximizes savings with the most efficient furnace you can buy; qualifies for many rebates
Stages of Heat	•	2-Stage	•	2-Stage	•	2-Stage		2-Stage	Minimizes temp. sw ings and energy usage w ith high and low stages
Heat Exchanger Type	•	Clamshell	•	Clamshell	•	Tubular		Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	•	CT ECM	•	CT ECM	•	CT ECM		CT ECM	Up to 33% more efficient than PSC motors
Energy Star	•	ENERGY STAR	•	ENERGY STAR	•	ENERGY STAR	Equivalent	Energy Star	Saves energy w ithout sacrificing features or comfort
Heating Capacity Range (Btuh)	•	44K - 132K	•	40K - 120K	•	30K - 120K	Product Not Available	• 60K - 120K	Offers more flexibility w ith a w ider range of heating sizes
Airflow Range (CFM)	<u> </u>	1,215 - 2,225	•	925 - 2,055	•	941 - 1,653		● 1,144 - 2,193	Meets air movement needs of homes with a wide CFM range
Cabinet Height	•	33"	•	35"	•	34-1/2"		• 40"	Allows for more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	•	Yes	•	No	•	Only UH		Ves F	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	•	10 Yr*	•	10 Yr*	•	12 Yr* 10 Yr*		• 10 Yr*	Feel peace of mind
Heat Exchanger Warranty	•	Lifetime	•	Lifetime*	•	Lifetime*		Lif etime*	Feel peace of mind



EL195E vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

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Feature	1	Lennox		Carrier	Daikin		Rheem		Trane	Benefit	
		EL195E		59SP5	Goodman		R95T		XT95	Can save hundreds of dollars per	
AFUE Range	•	95.0%	•	96.5%		•	95.0%	•	95.0%	year compared to older furnaces; may qualify for rebates	
Stages of Heat	•	1-Stage	•	1-Stage		•	1-Stage	•	1-Stage	Provides heat when needed	
Heat Exchanger Type	•	Clamshell	•	Clamshell		•	Tubular	•	Clamshell	Provides even heat and reduces combustion noise	
Blow er Motor	•	CT ECM	•	CT ECM		•	CT ECM	•		Up to 33% more efficient than PSC motors	
Energy Star	•	ENERGY STAR	•	ENERGY STAR	Equivalent	•	Tw o SKUs	•	ENERGY STAR	Saves energy w ithout sacrificing features or comfort	
Heating Capacity Range (Btuh)	• ;	30K - 132K	•	40K - 120K	Product Not Available	•	42K - 112K	•	40K - 120K	Offers more flexibility w ith a w ider range of heating sizes	
Airflow Range (CFM)	• 8	830 - 2,225	•	925 - 2,055		•1	,239 - 1,748	1	,052 - 2,009	Meets air movement needs of homes with a wide CFM range	
Cabinet Height	•	33"	•	35"		•	34"	•	40"	Allows for more installation flexibility and IAQ upselling opportunities	
Dedicated Upflow/Downflow	•	Yes	•	No		-	•	No	•	Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	•	10 Yr*	•	10 Yr*			•	10 Yr*	•	10 Yr*	Feel peace of mind
Heat Exchanger Warranty	•	Lifetime	•	Lifetime*		•	Lifetime	•	Lif etime*	Feel peace of mind	



EL280 vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

ML195

ML193

Feature	Lennox EL280	Carrier	Daikin DM(D)80HS Goodman GM(D)H8	Rheem R802P	Trane XL80	Benefit						
AFUE Range	• 80.%		80.9	80.%	• 80.%	Can save hundreds of dollars per year compared to older furnaces						
Stages of Heat	2-Stage		• 2-Stag	e 2-Stage	2-Stage	Minimizes temp. sw ings and energy usage w ith high and low stages						
Heat Exchanger Type	Clamshell		Tubula	r Tubular	Clamshell	Provides even heat and reduces combustion noise						
Blow er Motor	PSC		• PS0	• PSC	PSC							
Heating Capacity Range (Btuh)	66K- 132K	Equivalent Product Not	• 40K - 140I	50K - 150K	• 40K - 140K	Offers more flexibility w ith a w ider range of heating sizes						
Airflow Range (CFM)	●1,004 - 2,420	Available	1 ,298 - 2,13	1 0 1,264 - 2,024	1 ,144 - 2,193	Meets air movement needs of homes with a wide CFM range						
Cabinet Height	• 33"		• 33-3/8	" 34"	• 40"	Allows for more installation flexibility and IAQ upselling opportunities						
Dedicated Upflow/Downflow	• Yes		• Ye	• Yes	• Yes	Reduces labor time with furnaces configured for the application						
Covered Parts Warranty (*w ith Registration)	• 10 Yr*				12 Yr10 Yr	1() Vr *	• 10 Yr*	Feel peace of mind				
Heat Exchanger Warranty	• 20 Yr											 Lifetime



EL180E vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

ML195

ML193

Feature		Lennox EL180E		Carrier 58PHA		Daikin DM80HE Goodman GME8		Rheem R801T		Trane XT80	Benefit
AFUE Range	•	80.%	•	80.%	•	80.%	•	80.%	•	80.%	Can save hundreds of dollars per year compared to older furnaces
Stages of Heat	•	1-Stage	•	1-Stage		1-Stage	•	1-Stage	•	1-Stage	Provides heat when needed
Heat Exchanger Type	•	Clamshell	•	Clamshell	•	Tubular	•	Tubular	•	Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	•	CT ECM	•	CT ECM	•	CT ECM	•	CT ECM	•	CT ECM	Up to 33% more efficient than PSC motors
Heating Capacity Range (Btuh)	•	44K - 132K	•	44 - 132K	•	60K - 100K	•	50K - 125K	•	40K - 140K	Offers more flexibility w ith a w ider range of heating sizes
Airflow Range (CFM)	•	1,230 - 2,240	<u> </u>	1,035 - 2,070	•	1,378 - 1,669	•	1,353 - 2,012	•	1,011 - 2,038	Meets air movement needs of homes with a wide CFM range
Cabinet Height	•	33"	•	33-1/3"	•	33-3/8"	•	34"	•	40"	Allows for more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	•	Yes	•	No	•	Only UH	•	Yes	•	Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	•	10 Yr*	•	10 Yr*	•	12 Yr* 10 Yr*	•	10 Yr*	•	10 Yr*	Feel peace of mind
Heat Exchanger Warranty	•	20 Yr	•	20 Yr	•	Lifetime	•	20 Yr	•	Lif etime*	Feel peace of mind



ML195 vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

ML195

ML193

Feature	Lennox ML195		Carrier 59SC5	Daikin DM(C)96HS Goodman GM(C)SS96			Rheem R95P		Trane XR95	Benefit
AFUE Range	95.0%	•	95.5%	•	Up to 96.0%	•	95.0%	•	95.0%	Can save hundreds of dollars per year compared to older furnaces
Stages of Heat	1-Stage		1-Stage	•	1-Stage	•	1-Stage	•	1-Stage	Provides heat when needed
Heat Exchanger Type	Clamshell	•	Clamshell	•	Tubular	•	Tubular	•	Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	PSC		PSC	•	PSC	•	PSC	•	PSC	
Heating Capacity Range (Btuh)	• 44K - 132K		40K - 140K	•	40K - 120K	•	42K - 112K	•	40K - 110K	Offers more flexibility w ith a w ider range of heating sizes
Airflow Range (CFM)	1 ,020 - 2,100		905 - 2,100	<u>•</u> 1	,208 - 1,914	•	1,121 - 1,934	•	812 - 2,193	Meets air movement needs of homes with a wide CFM range
Cabinet Height	• 33"	•	35"	•	34-1/2"	•	34"	•	40"	Allows for more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	Yes	•	No	•	Yes	•	No	•	Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	• 10 Yr*	•	10 Yr*	•	12 Yr* 10 Yr*	•	10 Yr*	•	10 Yr*	Feel peace of mind
Heat Exchanger Warranty	Lif etime*		Lifetime*	•	Lifetime*	•	Lifetime	•	Lif etime*	Feel peace of mind



ML193 vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

ML195

ML193

Feature		Lennox ML193		Carrier 59SC2		Daikin DM(C)92S Goodman GM(C)SS92		Rheem R92P		Trane XB90	Benefit
AFUE Range	•	93.0%	•	92.1%		92.0%	•	92.0%	•	92.0%	Can save hundreds of dollars per year compared to older furnaces
Stages of Heat	•	1-Stage	•	1-Stage	•	1-Stage	•	1-Stage	•	1-Stage	Provides heat when needed
Heat Exchanger Type	•	Clamshell	•	Clamshell	•	Tubular	•	Tubular	•	Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	•	PSC	•	PSC	•	PSC	•	PSC	•	PSC	
Heating Capacity Range (Btuh)	•	44K - 132K	•	40K - 120K	•	40K - 120K	•	40K - 120K	•	40K - 120K	Offers more flexibility w ith a w ider range of heating sizes
Airflow Range (CFM)	•1	,020 - 2,420	•1	,400 - 2,060	<u>•</u> 1	,227 - 1,986	•	1,045 - 2,314	•	812 - 2,261	Meets air movement needs of homes with a wide CFM range
Cabinet Height	•	33"	•	35"	•	34-1/2"	•	34"	•	40"	Allows for more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	•	Yes	•	No	•	Yes	•	No	•	Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	•	10 Yr*	•	10 Yr*	•	12 Yr* 10 Yr*	•	10 Yr*	•	10 Yr*	Feel peace of mind
Heat Exchanger Warranty	•	20 Yr	•	20 Yr	•	Lifetime*	•	20 Yr	•	Lifetime	Feel peace of mind



ML180 vs. Competition

Gas Furnaces

SLP98V

SL280V

EL296V

EL296E

EL195E

EL280

EL180E

ML195

ML193 ML180

Feature	Lennox ML180		Carrier 58DLA		Daikin DM(D)80SS Goodman GM(D)S8		Rheem R801P		Trane XR80	Benefit
AFUE Range	• 80.0%	•	80.0%		80.0%	•	80.0%	•	80.0%	Can save hundreds of dollars per year compared to older furnaces
Stages of Heat	1-Stage	•	1-Stage		1-Stage	•	1-Stage	•	1-Stage	Provides heat when needed
Heat Exchanger Type	Clamshell	•	Clamshell	•	Tubular	•	Tubular	•	Clamshell	Provides even heat and reduces combustion noise
Blow er Motor	PSC	•	PSC	•	PSC	•	PSC	•	PSC	
Heating Capacity Range (Btuh)	• 44K - 132K	•	44K - 154K	•	40K - 140K	•	50K - 150K	•	40K - 140K	Offers more flexibility w ith a w ider range of heating sizes
Airflow Range (CFM)	990 - 2,420	•	845 - 2,230	<u> </u>	,298 - 2,131	<u> </u>	,264 - 2,024	•	910 - 2,001	Meets air movement needs of homes with a wide CFM range
Cabinet Height	• 33"	•	33-1/3"	•	33-3/8"	•	34"	•	40"	Allows for more installation flexibility and IAQ upselling opportunities
Dedicated Upflow/Downflow	• Yes	•	No	•	Yes	•	Yes	•	Yes	Reduces labor time with furnaces configured for the application
Covered Parts Warranty (*w ith Registration)	• 10 Yr*	•	10 Yr*	•	12 Yr* 10 Yr*	•	10 Yr*	•	10 Yr*	Feel peace of mind
Heat Exchanger Warranty	• 20 Yr	•	20 Yr	•	Lifetime*	•	20 Yr	•	20 Yr*	Feel peace of mind

