

80% UPFLOW / HOr iz Ont aL GaS FUR naCE



80% Efficiency Gas Furnaces Upflow / Horizontal A80UH1D



HEAT EXCHANGER DESIGN

- Aluminized steel tapered crimped no-weld clam shell heat exchanger

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- Multi-speed PSC blower motor
- Easily removable slide out blower design

CONTROLS

- Single stage gas valve
- Self diagnostics saving last 5 fault codes regardless of power interruption

INSTALLATION FEATURES

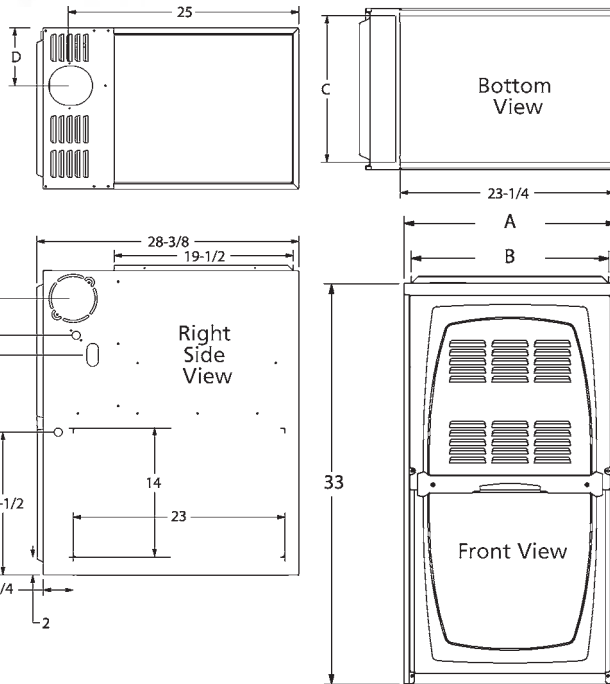
- Left or right utility connections
- "L" designated models comply with California's South Coast Air Quality Management district Low NOx requirements
- Removable floor base for bottom return air

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.

DIMENSIONS

Locke#	A	B	C	D
L7910	14½"	13¾"	13"	4¾"
L7911				
L7912	17½"	16¾"	16"	6¼"
L7913	21"	19¾"	19½"	8"
L7914				
L7915	24½"	23¾"	23"	9¾"



HVAC

SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7910	A80UH1D045A12	44,000	35,200	80%	2-3	½"	120/60/1	15	6.1	40	110	1/3
L7911	A80UH1D070A12	66,000	52,800	80%	2-3	½"	120/60/1	15	6.1	40	119	1/3
L7912	A80UH1D090B16	88,000	70,400	80%	3-4	½"	120/60/1	15	8.2	40	183	1/2
L7913	A80UH1D110C16	110,000	88,000	80%	3-4	½"	120/60/1	15	8.2	40	151	1/2
L7914	A80UH1D110C20	110,000	88,000	80%	4-5	½"	120/60/1	15	10	40	161	3/4
L7915	A80UH1D135D20	132,000	105,600	80%	4-5	½"	120/60/1	15	10	40	174	3/4
L7960	75W47	Single Stage Lp Kit										

80% Downflow GAS furnace

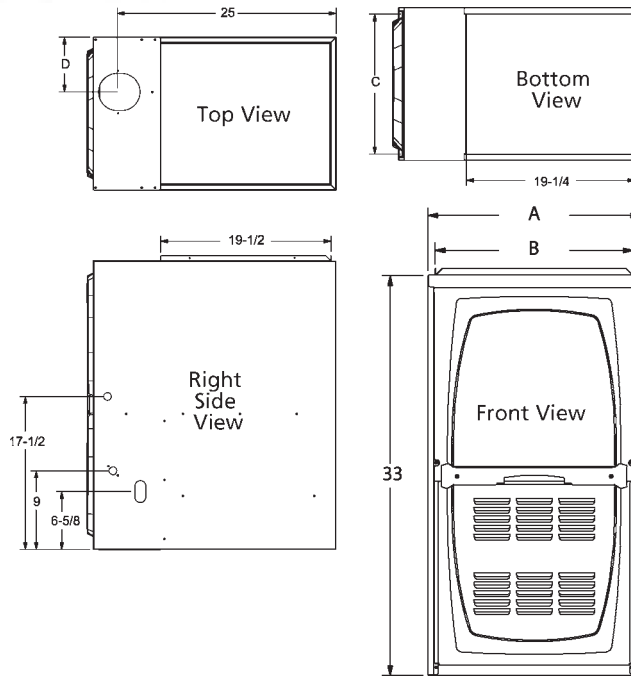


80% Efficiency Gas Furnaces Downflow A80DF1D



DIMENSIONS

Locke#	A	B	C	D
L7917	14½"	13⅝"	13"	4¾"
L7918				
L7919	17½"	16⅝"	16"	6¼"
L7920				



HEAT EXCHANGER DESIGN

- Aluminized steel tapered crimped no-weld clam shell heat exchanger

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- Multi-speed PSC blower motor
- Easily removable slide out blower design

CONTROLS

- Single stage gas valve
- Self diagnostics saving last 5 fault codes regardless of power interruption

INSTALLATION FEATURES

- Left or right utility connections
- "L" designated models comply with California's South Coast Air Quality Management district Low NOx requirements
- Removable floor base for bottom return air

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.



HVAC

SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7917	A80DF1D045A12	44,000	35,200	80%	2-3	½"	120/60/1	15	6.1	40	112	1/3
L7918	A80DF1D070A12	66,000	52,800	80%	2-3	½"	120/60/1	15	6.1	40	121	1/3
L7919	A80DF1D090B16	88,000	70,400	80%	3-4	½"	120/60/1	15	8.2	40	140	1/2
L7920	A80DF1D110C20	110,000	88,000	80%	4-5	½"	120/60/1	15	10	40	163	3/4
L7960	75W47	Single Stage Lp Kit										

80% UPFLOW / HOr iz Ont aL t WO Stage gaS FUR naCe



80% Efficiency Two Stage Gas Furnaces Upflow / Horizontal A80UH2V



DIMENSIONS

Locke#	A	B	C	D
L7921	14½"	13⅝"	13"	4¾"
L7922	17½"	16⅝"	16"	6¼"
L7923	17½"	16⅝"	16"	6¼"
L7925	21"	19⅝"	23"	9¾"

HEAT EXCHANGER DESIGN

- Crimped no-weld aluminized clam shell heat exchanger construction

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- ECM™ Variable speed blower motor
- Easily removable slide out blower design

CONTROLS

- Two stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

VENTING

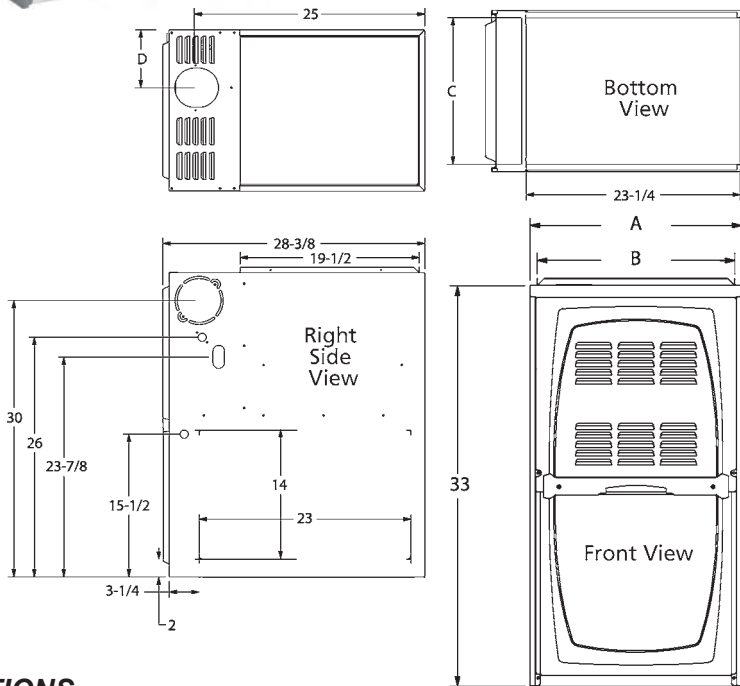
- Rotatable draft inducer for venting flexibility

INSTALLATION FEATURES

- Left and right utility connections
- Removable floor base in Upflow / Horizontal models
- "L" designated models comply with California's South Coast Air Quality Management district Low NOx requirements

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.



HVAC



SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7921	A80UH2V070A12	66,000	52,800	80%	3 tons	½"	120/60/1	15	7.7	40	128	1/2
L7922	A80UH2V090B12	88,000	70,400	80%	3 tons	½"	120/60/1	15	7.7	40	143	1/2
L7923	A80UH2V090B16	88,000	70,400	80%	4 tons	½"	120/60/1	20	12.8	40	154	1
L7925	A80UH2V110C20	110,000	88,000	80%	5 tons	½"	120/60/1	20	12.8	40	181	1

80% Downflow Two Stage gas Furnace

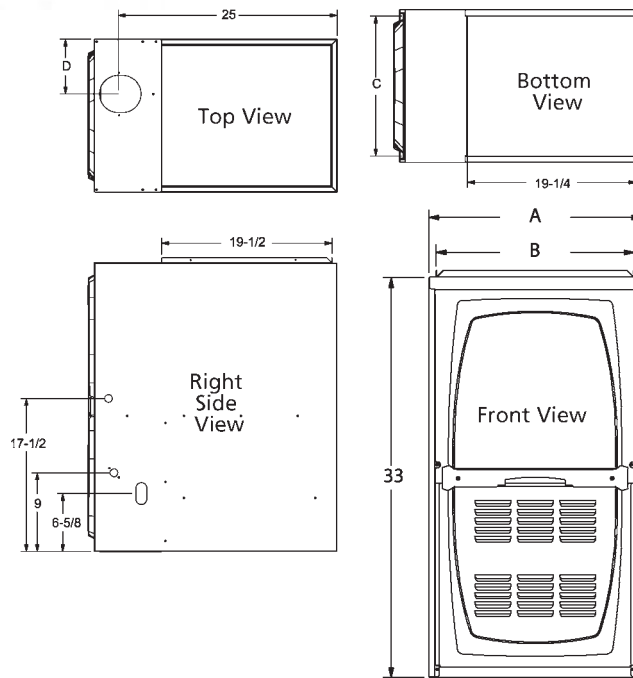


80% Efficiency Two Stage Gas Furnaces Downflow A80DF2V



DIMENSIONS

Locke#	A	B	C	D
L7926	14½"	13⅝"	13"	4¾"
L7927	17½"	16⅝"	16"	6¼"
L7928	21"	19⅝"	19½"	8"



HEAT EXCHANGER DESIGN

- Crimped no-weld aluminized clam shell heat exchanger construction

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- ECM™ Variable speed blower motor
- Easily removable slide out blower design

CONTROLS

- Two stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

VENTING

- Rotatable draft inducer for venting flexibility

INSTALLATION FEATURES

- Left and right utility connections
- Removable floor base in Upflow / Horizontal models
- "L" designated models comply with California's South Coast Air Quality Management district Low NOx requirements

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.

SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7926	A80DF1D070A12	66,000	52,800	80%	3 tons	½"	120/60/1	15	7.7	40	130	1/2
L7927	A80DF1D090B16	88,000	70,400	80%	4 tons	½"	120/60/1	20	12.8	40	153	1
L7928	A80DF1D110C20	110,000	88,000	80%	5 tons	½"	120/60/1	20	12.8	40	173	1



93% UPFLOW / HOr iz Ont aL Sing Le Stage gaS FUR naCe



93% Efficiency 1 Stage Gas Furnaces Upflow / Horizontal A93UH1D



HEAT EXCHANGER DESIGN

- Aluminized steel primary heat exchanger with crimped no weld construction
- AL 29-4C Stainless steel secondary heat exchanger

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- Multi-speed PSC blower motor
- Easily removable slide out blower design

CONTROLS

- Single stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

INSTALLATION FEATURES

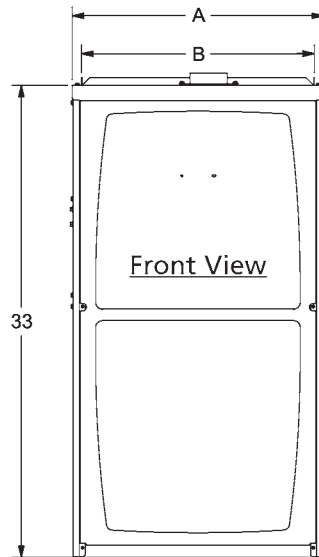
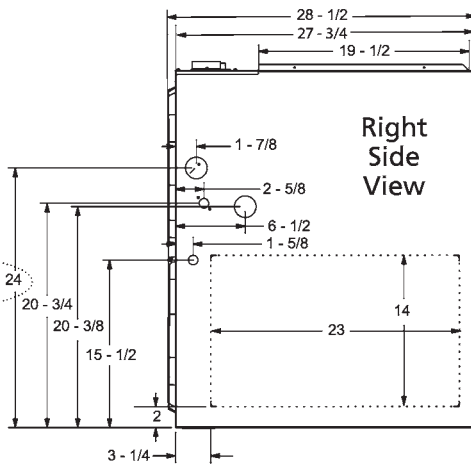
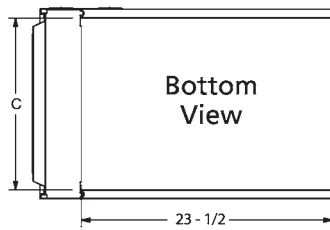
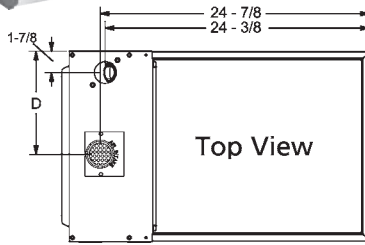
- Left or right utility connection
- Design certified for direct and non-direct vent applications
- Zero step horizontal conversion

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.

DIMENSIONS

Locke#	A	B	C	D
L7929	17½"	16⅜"	16"	7⅝"
L7930	17½"	16⅜"	16"	7⅝"
L7931	21"	19⅜"	19½"	9⅜"
L7932	21"	19⅜"	19½"	9⅜"
L7933	21"	19⅜"	19½"	9⅜"
L7934	24½"	23⅜"	23"	11⅝"



SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/ Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7929	A93UH1D045B12A	44,000	42,000	93%	2.5-3	½"	120/60/1	15	6.1	40	122	1/3
L7930	A93UH1D070B12A	66,000	61,000	93%	2.5-3	½"	120/60/1	15	6.1	40	127	1/3
L7931	A93UH1D090C16A	88,000	83,000	93%	3-4	½"	120/60/1	15	8.2	40	146	1/2
L7932	A93UH1D110C16A	110,000	104,000	93%	3-4	½"	120/60/1	15	8.2	40	155	1/2
L7933	A93UH1D110C20A	110,000	104,000	93%	4-5	½"	120/60/1	15	10	40	161	3/4
L7934	A93UH1D135D20A	135,000	124,000	93%	4-5	½"	120/60/1	15	10	40	178	3/4



HVAC

93% Downflow Single Stage gas furnace



93% Efficiency 1 Stage Gas Furnaces Downflow A93DF1D

HEAT EXCHANGER DESIGN

- Aluminized steel primary heat exchanger with crimped no weld construction
- AL 29-4C Stainless steel secondary heat exchanger

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- Multi-speed PSC blower motor
- Easily removable slide out blower design

CONTROLS

- Single stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

INSTALLATION FEATURES

- Left or right utility connection
- Design certified for direct and non-direct vent applications
- Zero step horizontal conversion

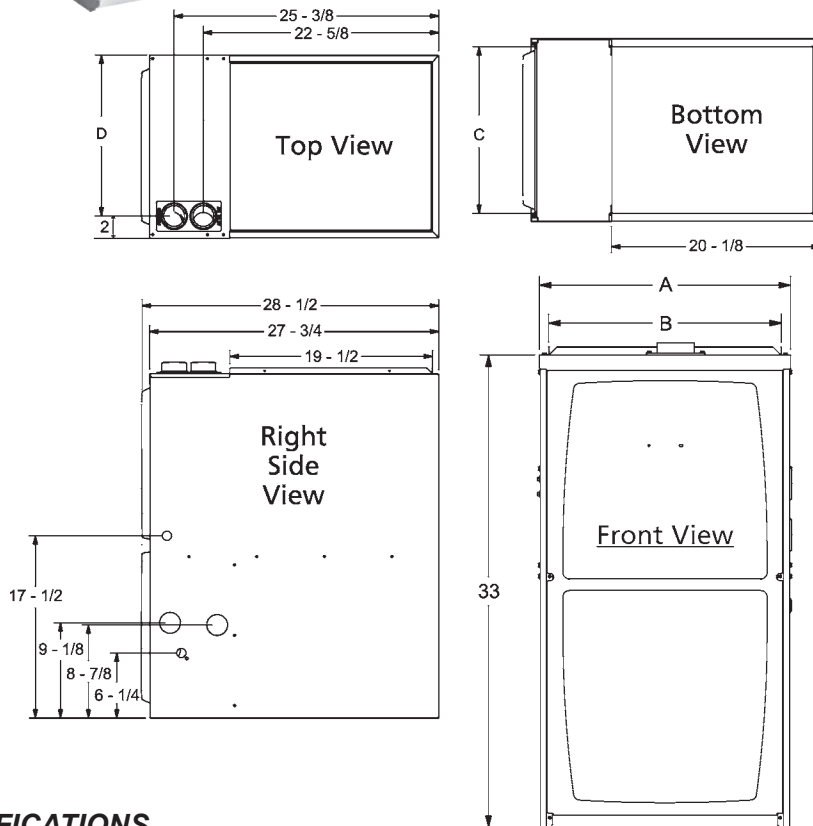
WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.



DIMENSIONS

Locke#	A	B	C	D
L7935	17½"	16⅝"	16"	15½"
L7936	21"	19⅞"	19½"	19"
L7937	21"	19⅞"	19½"	19"
L7938	21"	19⅞"	19½"	19"



SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7935	A93DF1D070B12A	44,000	42,000	93%	2.5-3	½"	120/60/1	15	6.1	40	124	1/3
L7936	A93DF1D090C12A	66,000	61,000	93%	2.5-3	½"	120/60/1	15	6.1	40	129	1/3
L7937	A93DF1D090C16A	88,000	83,000	93%	3-4	½"	120/60/1	15	8.2	40	127	1/2
L7938	A93DF1D110C20A	110,000	104,000	93%	4-5	½"	120/60/1	15	11.2	40	162	1



HVAC

95% UPFLOW / HOr iz Ont aL Sing Le Stage gaS FUR naCe



95% Efficiency 1 Stage Gas Furnaces Upflow / Horizontal A95UH1D



HEAT EXCHANGER DESIGN

- Aluminized steel primary heat exchanger with crimped no weld construction
- AL 29-4C Stainless steel secondary heat exchanger

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- Multi-speed PSC blower motor
- Easily removable slide out blower design

CONTROLS

- Single stage gas valve
- Self diagnostics saves last 5 fault codes regardless of power interruption

INSTALLATION FEATURES

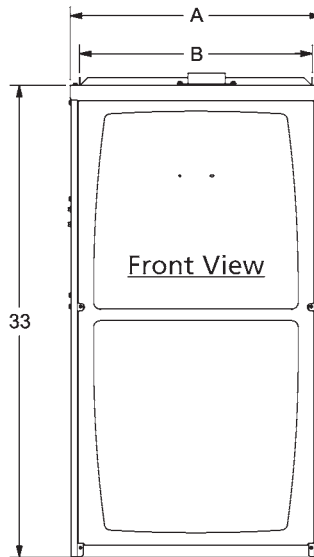
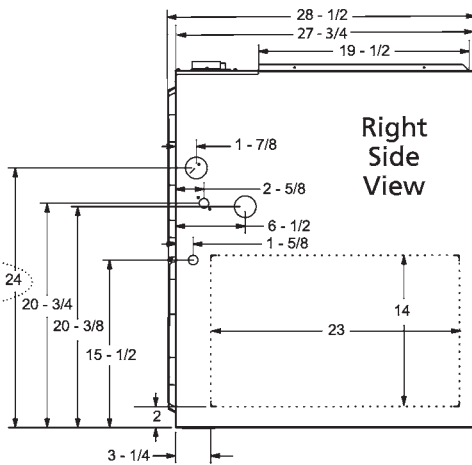
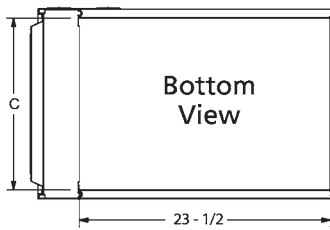
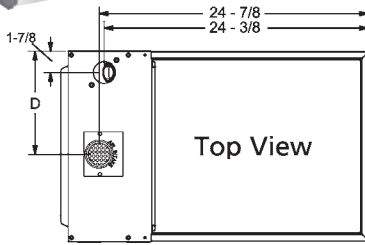
- Left or right utility connection
- Design certified for direct and non-direct vent applications

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.

DIMENSIONS

Locke#	A	B	C	D
L7939	17½"	16¾"	16"	7⅝"
L7940	17½"	16¾"	16"	7⅝"
L7941	21"	19¾"	19½"	9⅝"
L7942	21"	19¾"	19½"	9⅝"
L7943	21"	19¾"	19½"	9⅝"
L7934	24½"	23¾"	23"	11⅝"



SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/ Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7939	A95UH1D045B12A	44,000	42,000	95%	2-3	½"	120/60/1	15	6.1	40	123	1/3
L7940	A95UH1D070B12A	66,000	64,000	95%	2-3	½"	120/60/1	15	6.1	40	128	1/3
L7941	A95UH1D090C16A	88,000	85,000	95%	3-4	½"	120/60/1	15	8.2	40	148	1/2
L7942	A95UH1D110C16A	110,000	106,000	95%	3-4	½"	120/60/1	15	8.2	40	157	1/2
L7943	A95UH1D110C20A	110,000	106,000	95%	4-5	½"	120/60/1	15	10	40	163	3/4
L7944	A95UH1D135D20A	135,000	126,000	95%	4-5	½"	120/60/1	15	10	40	180	3/4

96% UPFLOW / HOr iz Ont aL Var iabLe SPeEd GaS FUR naCe



96% Modulating Variable Speed Gas Furnace Upflow / Horizontal A96UHMV



HEAT EXCHANGER DESIGN

- 409 stainless steel primary heat exchanger with crimped no-weld construction
- AL 29-4C stainless steel secondary heat exchanger

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- ECM™ variable speed blower motor
- Easily removable slide out blower design

CONTROLS

- Modulating gas valve
- Self diagnostics saves last 10 fault codes regardless of power interruption

VENTING

- Category 4 direct vent appliance

INSTALLATION FEATURES

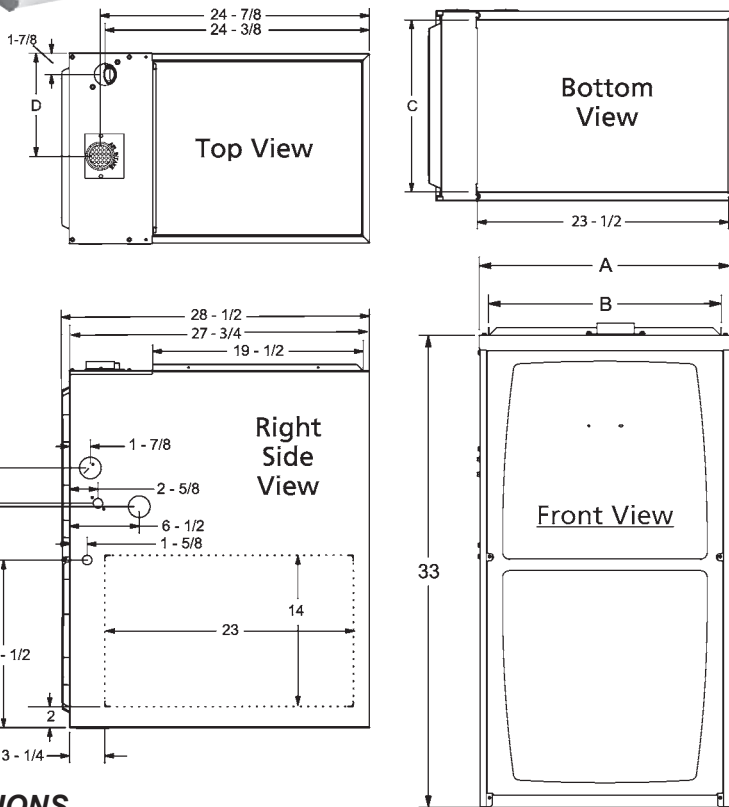
- Left or right utility connections
- Zero step horizontal conversion

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.

DIMENSIONS

Locke#	A	B	C	D
L7945	17½"	16⅝"	16"	7⅝"
L7946	21"	19⅞"	19½"	9⅝"
L7947	21"	19⅞"	19½"	9⅝"



SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7945	A96UHMV070B12S	66,000	64,000	96%	3 tons	½"	120/60/1	15	7.7	40	138	1/2
L7946	A96UHMV090C16S	88,000	85,000	96%	4 tons	½"	120/60/1	15	10.1	40	165	3/4
L7947	A96UHMV090C20S	88,000	85,000	96%	5 tons	½"	120/60/1	15	12.8	40	165	1



HVAC

96% Downflow Variable Speed Gas Furnace



96% Modulating Variable Speed Gas Furnace Downflow A96DFMV



HEAT EXCHANGER DESIGN

- 409 stainless steel primary heat exchanger with crimped no-weld construction
- AL 29-4C stainless steel secondary heat exchanger

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- ECM™ variable speed blower motor
- Easily removable slide out blower design

CONTROLS

- Modulating gas valve
- Self diagnostics saves last 10 fault codes regardless of power interruption

VENTING

- Category 4 direct vent appliance

INSTALLATION FEATURES

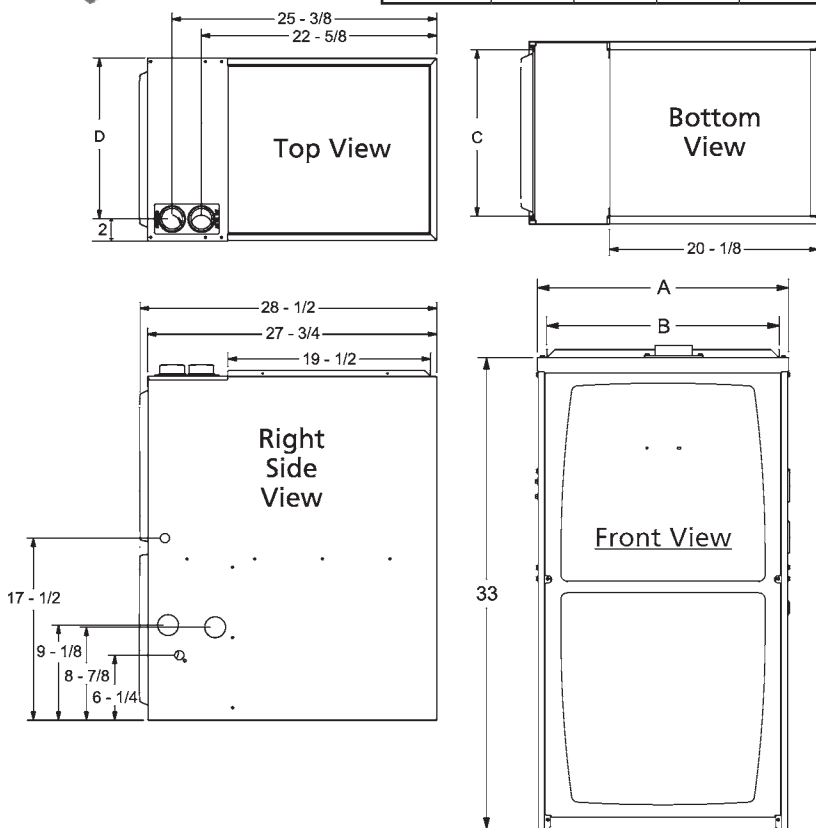
- Left or right utility connections
- Zero step horizontal conversion

WARRANTY

- 10 year limited parts warranty / lifetime heat exchanger warranty available. See limited warranty document for details.

DIMENSIONS

Locke#	A	B	C	D
L7948	17½"	16⅞"	16"	15½"
L7949	21"	19⅞"	19½"	19"
L7950	21"	19⅞"	19½"	19"



SPECIFICATIONS

Locke#	Model#	Input (BTUH)	Output (BTUH)	AFUE	Nominal Cooling Capacity	Gas Inlet	Volts/Hz/Phase	Min. Time delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Weight (lbs.)	Motor HP
L7948	A96DFMV070B12S	66,000	64,000	96%	3 tons	½"	120/60/1	15	7.7	40	140	1/2
L7949	A96DFMV090C16S	88,000	85,000	96%	4 tons	½"	120/60/1	15	10.1	40	165	1/2
L7950	A96DFMV090C20S	88,000	85,000	96%	5 tons	½"	120/60/1	20	12.8	40	165	1



HVAC