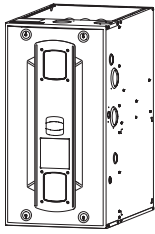


S9V2-VS – Two Stage ECM Variable Speed

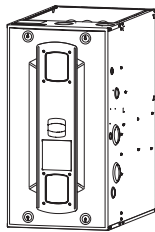
Table FUR-1-A — S9V2-VS Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace with Variable Speed Draft Inducer (120/1/60)③



**S9V2-VS
Direct Vent
Upflow**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B040U3VSAB	3	39,141	25,639	97.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	16 x 25 x 1
S9V2B060U3VSAB	3	57,838	38,271	97.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	127	15	16 x 25 x 1
S9V2B080U4VSAB	4	78,400	50,960	97.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	16 x 25 x 1
S9V2C100U4VSAB	4	96,362	64,036	97.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	154	15	20 x 25 x 1
S9V2D120U5VSAB	5	113,145	76,668	97.0②	3, 4	④	34 x 24 ¹ / ₂ x 28 ³ / ₄	167	15	24 x 25 x 1

Table FUR-1-B — S9V2-VS Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace with Variable Speed Draft Inducer (120/1/60)③



**S9V2-VS
Direct Vent
Downflow**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B080D4VSAB	4	78,400	50,960	97.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	(2)14 x 20 x 1
S9V2C100D4VSAB	4	95,833	63,950	97.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	154	15	(2)16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star®.

③ Direct drive variable speed motor is an ECM constant airflow blower motor.

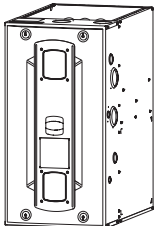
④ Silicon Nitride Igniter.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

S9V2 – Two Stage ECM Variable Speed

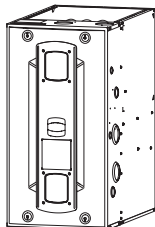
Table FUR-1-C — S9V2 Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③



**S9V2
Direct Vent
Upflow**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B040U3PSBB	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	16 x 25 x 1
S9V2B060U3PSBB	3	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	127	15	16 x 25 x 1
S9V2B060U4PSBB	4	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1
S9V2B080U4PSBB	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	16 x 25 x 1
S9V2C080U5PSBB	5	77,600	50,440	96.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	149	15	20 x 25 x 1
S9V2C100U4PSBB	4	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	154	15	20 x 25 x 1
S9V2C100U5PSBB	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	155	15	20 x 25 x 1
S9V2D120U5PSBB	5	116,400	75,660	96.0②	3, 4	④	34 x 24 ¹ / ₂ x 28 ³ / ₄	167	15	24 x 25 x 1

Table FUR-1-D — S9V2 Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③



**S9V2
Direct Vent
Downflow**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B040D3PSBB	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	(2)14 x 20 x 1
S9V2B060D3PSBB	3	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	127	15	(2)14 x 20 x 1
S9V2B080D4PSBB	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	(2)14 x 20 x 1
S9V2C100D4PSBB	4	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	154	15	(2)16 x 20 x 1
S9V2C100D5PSBB	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	155	15	(2)16 x 20 x 1
S9V2D120D5PSBB	5	116,400	75,660	96.0②	3, 4	④	34 x 24 ¹ / ₂ x 28 ³ / ₄	167	15	(2)16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star®.

③ Direct drive variable speed motor is an ECM constant airflow blower motor.

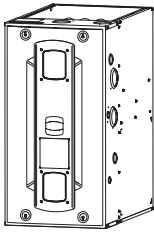
④ Silicon Nitride Igniter.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

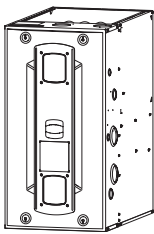
S9X2 – Two Stage High Efficiency ECM

Table FUR-2-A — S9X2 High Efficiency 9 Speed ECM Motor, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③



**S9X2
Direct Vent
Upflow**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9X2B040U3PSBA	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17½ x 28¾	122	15	16 x 25 x 1
S9X2B060U4PSBA	4	58,200	37,830	96.0②	2, 3, 4	④	34 x 17½ x 28¾	130	15	16 x 25 x 1
S9X2B080U4PSBA	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17½ x 28¾	135	15	16 x 25 x 1
S9X2C080U5PSBA	5	77,600	50,440	95.0②	2, 3, 4	④	34 x 21 x 28¾	149	15	20 x 25 x 1
S9X2C100U5PSBA	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28¾	155	15	20 x 25 x 1
S9X2D120U5PSBA	5	116,400	75,660	96.0②	3, 4	④	34 x 24½ x 28¾	167	15	24 x 25 x 1



**S9X2
Direct Vent
Downflow**

Table FUR-2-B — S9X2 High Efficiency 9 Speed ECM Motor, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9X2B040D3PSBA	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17½ x 28¾	122	15	(2)14 x 20 x 1
S9X2B060D3PSBA	3	58,200	37,830	95.0②	2, 3, 4	④	34 x 17½ x 28¾	127	15	(2)14 x 20 x 1
S9X2B080D4PSBA	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17½ x 28¾	135	15	(2)14 x 20 x 1
S9X2C100D5PSBA	5	97,000	63,050	95.0②	2, 3, 4	④	34 x 21 x 28¾	155	15	(2)16 x 20 x 1
S9X2D120D5PSBA	5	116,400	75,660	96.0②	3, 4	④	34 x 24½ x 28¾	167	15	(2)16 x 20 x 1

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star®.

③ Direct drive 9 speed motor is a high efficiency constant torque ECM blower motor.

④ Silicon Nitride Igniter.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

Table FUR-2-C — High Altitude Pressure Switch S9V2-VS 90% Furnaces

Model Number	Description	Used With	Shipping Weight
BAYHALT250	2 Switches	S9V2B040U3VSA	2
BAYHALT251	2 Switches	S9V2B060U3VSA	2
BAYHALT252	2 Switches	S9V2B080U4VSA, S9V2B080D4VSA, S9V2C100D4VSA	2
BAYHALT253	2 Switches	S9V2C100U4VSA	2
BAYHALT254	2 Switches	S9V2D120U5VSA	2

Convertible Gas Furnaces

Table FUR-3-A — Features

	S9V2-VS Variable Speed	S9V2 Variable Speed	S9X2 Multi-Speed
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated motor) ..	✓	✓	—
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor)	—	—	✓
• Variable speed draft inducer motor	✓	—	—
• Comfort-R™ enhanced mode (cooling)	✓	✓	—
• Standard 34" height	✓	✓	✓
• 3 Way poise Upflow furnace model (Upflow, Horizontal Left, Horizontal Right)	✓	✓	✓
• Dedicated Downflow furnace model	✓	✓	✓
• Front service access with easily accessible burners, sensors, orifices, switches, and other components	✓	✓	✓
• Cabinet has no knockouts - Rubber and plastic plugs come installed from factory	✓	✓	✓
• Gas can enter either side of cabinet	✓	✓	✓
• Condensate can exit either side of cabinet in Upflow orientation	✓	✓	✓
• Multiple venting options - Every model, every size will offer two venting options	✓	✓	✓
• Integrated Furnace Control board with digital configuration, status, and fault codes	✓	✓	✓
• Alpha-numeric diagnostic codes	✓	✓	✓
• Dry contact Humidifier/EAC hook-up capability	✓	✓	✓
• Adjustable blower off delay for heating and cooling	✓	✓	✓
• Last six fault codes are stored (even with power loss)	✓	✓	✓
• Stainless steel primary and secondary heat exchanger tubes	✓	✓	✓
• Longer IFC wire harnesses allow door to be removed without disconnecting the harness	✓	✓	✓
• Alternate bottom/left/right return air (upflow models only)	✓	✓	✓
• Bottom panel	✓	✓	✓
• Dual PVC pipe venting (1 or 2 pipe option)	✓	✓	✓
• Two stage combination gas valve and regulator	✓	✓	✓
• Gasketed inner and outer door	✓	✓	✓
• Heavy gauge reinforced wrap-around steel cabinet	✓	✓	✓
• Insulated blower compartment	✓	✓	✓
• Left/right condensate drain capability in vertical application	✓	✓	✓
• Service diagnostics with faults reported on IFC board	✓	✓	✓
• Manual reset flame roll out switches	✓	✓	✓
• Mobile home approved with mobile home kit	✓	✓	✓
• Multi-port in shot burners	✓	✓	✓
• Painted cabinet two tone color	✓	✓	✓
• Service diagnostic capabilities	✓	✓	✓
• Vortica™ II blower housing	✓	✓	✓
• Slide out blower assembly on full-length rails	✓	✓	✓
• Side return duct starter tabs (upflow models only)	✓	✓	✓
• Silicon Nitride 120V hot surface igniter	✓	✓	✓
• Multiple heating blower speeds	✓	✓	✓
• Meets requirements for 1% or less air leakage	✓	✓	✓
• Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)	✓	✓	✓
• Optional extended warranties available	✓	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

Table FUR-3-B — Optional Accessories

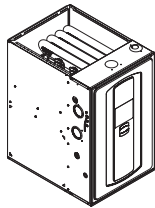
Model Number	Description	Shipping Weight	S9V2-VS 2 Stage 1 or 2 Pipe	S9V2 - 2 Stage 1 or 2 Pipe	S9X2 - 2 Stage 1 or 2 Pipe
BAYLPSS400B	LP Kit with Stainless Steel Burners	3	✓	✓	✓
BAYHANG	Horizontal hanging kit	2	✓	✓	✓
BAYVENT200B	Sidewall vent Termination Kit for Direct vent furnaces	2	✓	✓	✓
BAYVENTCN200B	Sidewall vent Termination Kit for Direct vent furnaces for Canadian applications	2	✓	✓	✓
BAYAIR30AVENTA	Concentric vent kit for 2, 2½ and 3" vent system	11	✓	✓	✓
BAYAIR30CNVENT	Concentric vent kit for 2, 2½ and 3" vent system for Canadian applications	11	✓	✓	✓
BAYREDUCE	Reducer Coupling for Canadian applications (CPVC)	1	✓	✓	✓
BAYLIFTB	Dual return kit. B size extension	8	✓	✓	✓
BAYLIFTC	Dual return kit. C size extension	9	✓	✓	✓
BAYLIFTD	Dual return kit. D size extension	9	✓	✓	✓
BAYMFGH200B	Manufactured/mobile home kit	1	✓	✓	✓
BAYCNDTRAP2A	In-line condensate collector for 2" PVC pipe	1	✓	✓	✓
BAYCNDTRAP3A	In-line condensate collector for 3" PVC pipe	1	✓	✓	✓
BAYBASE205	Downflow subbase	8	✓	✓	✓
BAYFLTR206	Filter Access Door Kit (Downflow only)	2	✓	✓	✓
MAYBFERCOLKITA ①	Heat Shield, B size cabinet	3	✓	✓	✓
MAYCFERCOLKITA ①	Heat Shield, C size cabinet	3	✓	✓	✓
MAYDFERCOLKITA ①	Heat Shield, D size cabinet	3	✓	✓	✓
BAYSF1165	16x20 1" side return filter rack	✓	✓	✓
BAYSF1255	16x25 1" side return filter rack (bottom return for 17.5" cabinets)	✓	✓	✓
BAYBURNERS	Stainless steel natural gas burner kit	✓	✓	✓

① Required on furnaces manufactured on or after 7/3/19 (with date code 19273 or after) when installed with a 4MXC or 4GXC coils in upflow or horizontal position. Not required in Downflow orientation.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

S9X1 – Single Stage High Efficiency ECM

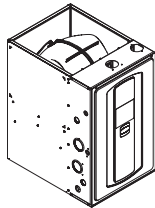
Table FUR-4-A — S9X1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③



**S9X1
Direct Vent
Upflow**

Unit Model No.	Airflow In Tons	Nominal Output (BTUH)	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9X1B040U3PSBA	3	38,800	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	16 x 25 x 1
S9X1B060U4PSBA	4	58,200	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1
S9X1B080U4PSBA	4	77,600	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	16 x 25 x 1
S9X1C080U5PSBA	5	77,600	96.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	149	15	20 x 25 x 1
S9X1C100U5PSBA	5	97,000	95.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	155	15	20 x 25 x 1
S9X1D120U5PSBA	5	116,400	95.0②	3, 4	④	34 x 24 ¹ / ₂ x 28 ³ / ₄	167	15	24 x 25 x 1

Table FUR-4-B — S9X1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③



**S9X1
Direct Vent
Downflow**

Unit Model No.	Airflow In Tons	Nominal Output (BTUH)	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9X1B040D3PSBA	3	38,800	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	(2)14 x 20 x 1
S9X1B060D3PSBA	3	58,200	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	127	15	(2)14 x 20 x 1
S9X1B080D4PSBA	4	77,600	95.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	(2)14 x 20 x 1
S9X1C100D5PSBA	5	97,000	96.0②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	155	15	(2)16 x 20 x 1
S9X1D120D5PSBA	5	116,400	95.0②	3, 4	④	34 x 24 ¹ / ₂ x 28 ³ / ₄	167	15	(2)16 x 20 x 1

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star®.

③ Direct drive 9 speed motor is a high efficiency constant torque ECM blower motor.

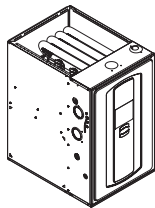
④ Silicon Nitride Igniter.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

S9B1 – Single Stage High Efficiency ECM

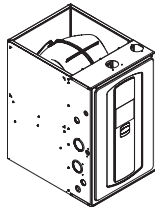
Table FUR-4-C — S9B1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③



**S9B1
Direct Vent
Upflow**

Unit Model No.	Airflow In Tons	Nominal Output (BTUH)	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9B1B040U3PSAA	3	38,800	92.1②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	16 x 25 x 1
S9B1B060U4PSAA	4	58,200	92.1②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1
S9B1B080U4PSAA	4	77,600	92.1②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	16 x 25 x 1
S9B1C080U5PSAA	5	77,600	92.1②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	149	15	20 x 25 x 1
S9B1C100U5PSAA	5	97,000	92.1②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	155	15	20 x 25 x 1
S9B1D120U5PSAA	5	116,400	92.1②	3, 4	④	34 x 24 ¹ / ₂ x 28 ³ / ₄	167	15	24 x 25 x 1

Table FUR-4-D — S9B1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③



**S9B1
Direct Vent
Downflow**

Unit Model No.	Airflow In Tons	Nominal Output (BTUH)	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9B1B040D3PSAA	3	38,800	92.1②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	(2)14 x 20 x 1
S9B1B060D3PSAA	3	58,200	92.1②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	127	15	(2)14 x 20 x 1
S9B1B080D4PSAA	4	77,600	92.1②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	(2)14 x 20 x 1
S9B1C100D5PSAA	5	97,000	92.1②	2, 3, 4	④	34 x 21 x 28 ³ / ₄	155	15	(2)16 x 20 x 1
S9B1D120D5PSAA	5	116,400	92.1②	3, 4	④	34 x 24 ¹ / ₂ x 28 ³ / ₄	167	15	(2)16 x 20 x 1

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star® - U.S. South

③ Direct drive 9 speed motor is a high efficiency constant torque ECM blower motor.

④ Silicon Nitride Igniter.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

Convertible Gas Furnaces

Table FUR-5-A — Features

	S9X1 Multi-Speed	S9B1 Multi-Speed
• Dry contact Humidifier/EAC hook-up capability	✓	—
• Insulated blower compartment	✓	—
• Meets requirements for 1% or less air leakage ^①	✓	—
• Standard 34" height	✓	✓
• 3 Way poise Upflow furnace model (Upflow, Horizontal Left, Horizontal Right)	✓	✓
• Dedicated Downflow furnace model	✓	✓
• Front service access with easily accessible burners, sensors, orifices, switches, and other components	✓	✓
• Cabinet has no knockouts - Rubber and plastic plugs come installed from factory	✓	✓
• Gas can enter either side of cabinet	✓	✓
• Condensate can exit either side of cabinet in Upflow orientation	✓	✓
• Multiple venting options - Every model, every size will offer two venting options	✓	✓
• Integrated Furnace Control board with digital configuration, status, and fault codes	✓	✓
• Alpha-numeric diagnostic codes	✓	✓
• Adjustable blower off delay for heating and cooling	✓	✓
• Last six fault codes are stored (even with power loss)	✓	✓
• Stainless steel primary and secondary heat exchanger tubes	✓	✓
• Longer IFC wire harnesses allow door to be removed without disconnecting the harness	✓	✓
• Alternate bottom/left/right return air (upflow models only)	✓	✓
• Bottom panel	✓	✓
• Direct drive, 9 speed ECM blower motor - Constant torque ECM (electronically commutated motor)	✓	✓
• Dual PVC pipe venting (1 or 2 pipe option)	✓	✓
• Single-stage combination gas valve and regulator	✓	✓
• Gasketed inner and outer door	✓	✓
• Heavy gauge reinforced wrap-around steel cabinet	✓	✓
• Left/right condensate drain capability in vertical application	✓	✓
• Service diagnostics with faults reported on IFC board	✓	✓
• Manual reset flame roll out switches	✓	✓
• Mobile home approved with mobile home kit	✓	✓
• Multi-port in shot burners	✓	✓
• Service diagnostic capabilities	✓	✓
• Vortica™ II blower housing	✓	✓
• Slide out blower assembly on full-length rails	✓	✓
• Side return duct starter tabs (upflow models only)	✓	✓
• Silicon Nitride 120V hot surface igniter	✓	✓
• Multiple heating blower speeds	✓	✓
• Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)	✓	✓
• Optional extended warranties available	✓	✓

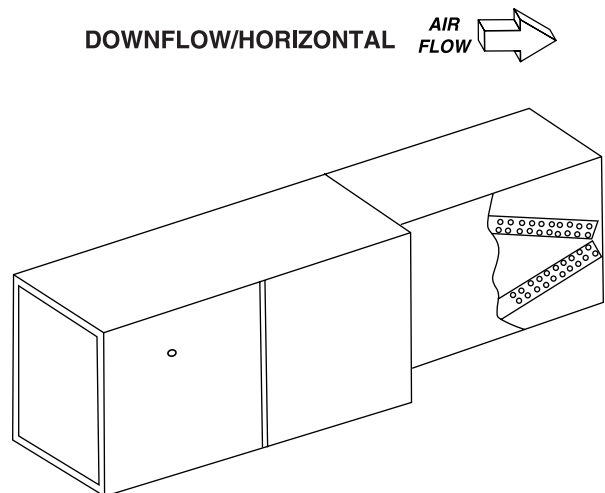
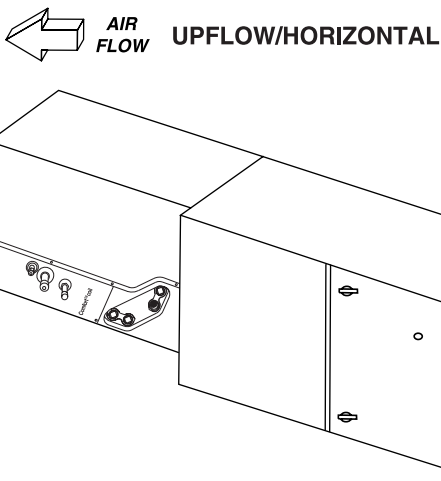
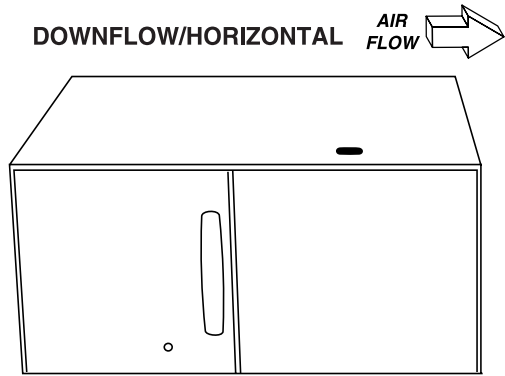
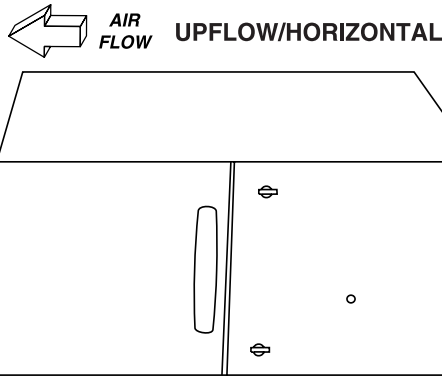
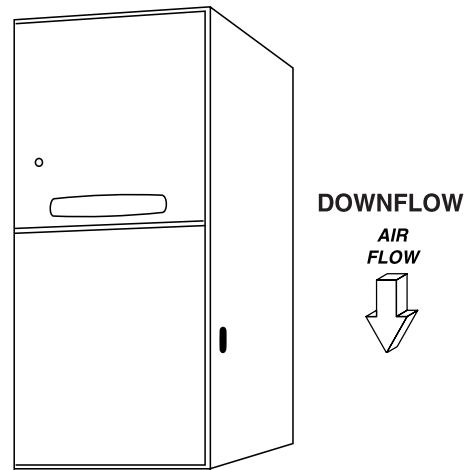
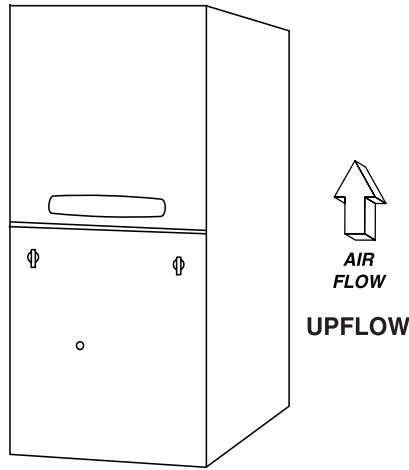
① 1.4% on S9B1 models.

Table FUR-5-B — Optional Accessories

Model Number	Description	Shipping Weight	S9X1 - 1 Stage 1 or 2 Pipe	S9B1 - 1 Stage 1 or 2 Pipe
BAYLPSS400B	LP Kit with Stainless Steel Burners	3	✓	✓
BAYHANG	Horizontal hanging kit	2	✓	✓
BAYVENT200B	Sidewall vent Termination Kit fo Direct vent furnaces	2	✓	✓
BAYVENTCN200B	Sidewall vent Termination Kit fo Direct vent furnaces for Canadian applications	2	✓	✓
BAYAIR30AVENTA	Concentric vent kit for 2, 2½ and 3" vent system	11	✓	✓
BAYAIR30CNVENT	Concentric vent kit for 2, 2½ and 3" vent system for Canadian applications	11	✓	✓
BAYREDUCE	Reducer Coupling for Canadian applications (CPVC)	1	✓	✓
BAYLIFTB	Dual return kit. B size extension	8	✓	✓
BAYLIFTC	Dual return kit. C size extension	9	✓	✓
BAYLIFTD	Dual return kit. D size extension	9	✓	✓
BAYMFGH200B	Manufactured/mobile home kit	1	✓	✓
BAYCNDTRAP2A	In-line condensate collector for 2" PVC pipe	1	✓	✓
BAYCNDTRAP3A	In-line condensate collector for 3" PVC pipe	1	✓	✓
BAYBASE205	Downflow subbase	8	✓	✓
BAYFLTR206	Filter Access Door Kit (Downflow only)	2	✓	✓
MAYBFERCOLKITA ②	Heat Shield, B size cabinet	3	✓	✓
MAYCFERCOLKITA ②	Heat Shield, C size cabinet	3	✓	✓
MAYDFERCOLKITA ②	Heat Shield, D size cabinet	3	✓	✓
BAYSF1165	16x20 1" side return filter rack		✓	✓
BAYSF1255	16x25 1" side return filter rack (bottom return for 17.5" cabinets)		✓	✓
BAYBURNERSS	Stainless steel natural gas burner kit		✓	✓

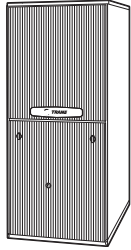
② Required on furnaces manufactured on or after 7/3/19 (with date code 19273 or after) when installed with a 4MXC or 4GXC coils in upflow or horizontal position. Not required in Downflow orientation.

XC95m Convertible Gas Furnaces Air Flow Directions



Note: The forty inch (40") height condensing downflow/horizontal and upflow/horizontal furnaces may only be rotated onto their left side. Connection brackets for coil/furnace alignment are included with the furnaces. The apex of the coil may point into or away from the airflow.

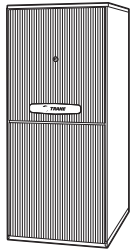
XC95m – Modulating Communicating ECM Variable Speed



**XC95m Direct/
Non-Direct Vent
Upflow**

Table FUR-7-A — XC95m Variable Speed, Communicating, Modulating Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)②⑤⑦

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① AFUE Upflow / Horiz	Flue Size (in)	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		High Stage 100%	Low Stage 40%③						
TUHMB060ACV3VB	3	57,000	23,000	97.3② / 96.5②	2, 2½, 3	40 x 17½ x 28	158	15	17 x 25 x 1
TUHMB080ACV3VB	3	76,000	31,000	97.0② / 96.2②	2, 2½, 3	40 x 17½ x 28	168	15	17 x 25 x 1
TUHMC100ACV4VB	4	95,000	39,000	96.0② / 95.2②	2½, 3	40 x 21 x 28	197	15	20 x 25 x 1
TUHMD120ACV5VB	5	114,000	52,000	97.0② / 96.2②	3	40 x 24½ x 28	206	15	24 x 25 x 1



**XC95m Direct/
Non-Direct Vent
Downflow**

Table FUR-7-B — XC95m Variable Speed, Communicating Modulating Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)③⑤⑦

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
		High Stage 100%	Low Stage 40%							
TDHMB060BCV3VB	3	57,000	22,800	95.0②	2, 2½, 3	⑥	40 x 17½ x 28	160	15	(2)14 x 20 x 1
TDHMB080ACV3VB	3	76,000	30,400	96.0②	2, 2½, 3	⑥	40 x 17½ x 28	168	15	(2)14 x 20 x 1
TDHMC100ACV4VB	4	96,000	38,400	96.0②	2½, 3	⑥	40 x 21 x 28	185	15	(2)16 x 20 x 1
TDHMD120BCV5VB	5	114,000	51,300	95.0②	3	⑥	40 x 24½ x 28	206	15	(2)16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star®.

③ Low stage is equal to 45% for the TUHMD120 model.

④ Field configurable to 24V non-communicating mode.

⑤ Direct drive variable speed motor is an ECM constant airflow blower motor.

⑥ Silicon Nitride Igniter.

⑦ Must use communicating thermostat with ComfortLink™ II control.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** For Upflow furnaces, the size is for a bottom return filter.



It's Hard To Stop A Trane.®

XC95m Convertible Gas Furnaces

Furnaces

Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

Table FUR-8-A — Features

	XC95m TUHM/TDHM Modulating 1 or 2 Pipe Variable Speed
• Comfort-R™ enhanced mode (cooling)	✓
• ComfortLink™ II system ①	✓
• Meets requirements for 2% or less air leakage	✓
• Adjustable heating fan off timing	✓
• Alternate bottom/left/right return air (upflow models only)	✓
• Blower door safety switch	✓
• Bottom panel (upflow models only)	✓
• Cleanable/Reusable high velocity filters	✓
• Complete front service access	✓
• Direct drive, variable speed ECM blower motor**	✓
• Downflow horizontal right (downflow models only)	✓
• Dual PVC pipe venting (1 or 2 pipe option)	✓
• Modulating gas valve and regulator	✓
• Gasketed blower door (upflow models only)	✓
• Heavy gauge reinforced wrap-around steel cabinet	✓
• Humidifier/EAC hook-up capability	✓
• Inner blower door panel (downflow models only)	✓
• Insulated blower compartment 4 sides	✓
• Integrated solid state control w/self diagnostics	✓
• Left/right condensate drain capability in vertical application	✓
• Service diagnostics with faults reported at the user interface	✓
• Lite Port™ /Stored diagnostics	✓
• Manual reset flame roll out switches	✓
• Multi-port in shot burners	✓
• Painted cabinet two tone color	✓
• Service diagnostic capabilities	✓
• Side return duct starter tabs (upflow models only)	✓
• Silicon Nitride hot surface igniter	✓
• Slide out blower assembly	✓
• Solid burner door (quiet operation)	✓
• 20 gauge aluminized steel heat exchanger	✓
• 24 volt secondary fuse	✓
• Multiple heating blower speeds	✓
• Type 29-4C™ stainless steel secondary heat exchanger	✓
• Upflow horizontal left (upflow models only)	✓
• Variable speed venter motor	✓
• Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)	✓
• Optional extended warranties available	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Field configurable to 24V non-communicating mode.

**Constant airflow ECM (electronically commutated motor).



It's Hard To Stop A Trane.®

XC95m Convertible Gas Furnaces

Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

XC95m
TUHM/TDHM
Modulating
1 or 2 Pipe
Variable Speed

Table FUR-9-A — Optional Accessories

Model Number	Description	Shipping Weight	
BAYBASE205	Downflow subbase for downflow models only	8	✓
BAYFLTR200	External side filter rack	5	✓
BAYFLTR317 ^①	Cleanable filter for 17.5" cabinet upflow only	2	✓
BAYFLTR321 ^①	Cleanable filter for 21" cabinet upflow only	2	✓
BAYFLTR324 ^①	Cleanable filter for 24.5" cabinet upflow only	2	✓
BAYLPKT220B	Propane conversion kit	2	✓
BAYLPSS220C	LP Kit with Stainless Steel Burners	2	✓
BAYRACK960A ^③	Filter rack kit for upflow models only (internal) ^②	5	✓
BAYAIR30AVENTA	Concentric vent kit for 2, 2½ and 3" vent system	11	✓
BAYAIR30CNVENT	Concentric vent kit for 2, 2½ and 3" vent system for Canadian applications	11	✓
BAYVENT200B	Sidewall vent Termination Kit fo Direct vent furnaces	2	✓
BAYVENTCN200B	Sidewall vent Termination Kit fo Direct vent furnaces for Canadian applications	2	✓
BAYVENT500A	Side vent kit for downflow models only	3	TDHM
BAYACCECOMM101	CleanEffects™ hookup kit for communicating furnaces	1	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Contains one (1) high velocity filter.

② Internal filter rack for side or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

③ BAYRACK960A not allowed on right side return on TUH2B080A9V4V** models.

Furnaces

Special Use Furnace Accessories

Table FUR-10-A — High Altitude Pressure Switch 90%

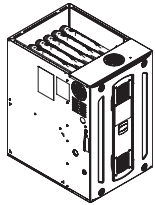
Model Number	Description	Used With	Shipping Weight
BAYSWT07AHALTA	1 Switch	TUHMB060, TDHMB060	2
BAYSWT08AHALTA	1 Switch	TUHMD120, TDHMD120	2
BAYSWT09AHALTA	1 Switch	TUHMB080, TDHMB080, TUHMC100, TDHMC100	2



It's Hard To Stop A Trane.®

S8X2 – Two Stage ECM

Table FUR-11-A — S8X2 2 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)②



**S8X2
4-Way
Multi-Poise**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S8X2A040M3PSAB	2-3	32,000	20,800	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1
S8X2B060M3PSAB	3	48,000	31,200	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1
S8X2B060M4PSAB	4	48,000	31,200	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	16 x 25 x 1
S8X2B080M4PSBA	3-4	64,000	41,600	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	137	15	16 x 25 x 1
S8X2C080M5PSAB	4-5	64,000	41,600	80.0	4	③	34 x 21 x 28 ³ / ₄	142	15	20 x 25 x 1
S8X2C100M5PSAB	4-5	80,000	52,000	80.0	4	③	34 x 21 x 28 ³ / ₄	144	15	20 x 25 x 1
S8X2D120M5PSBA	5	96,000	67,200	80.0	4	③	34 x 24 ¹ / ₂ x 28 ³ / ₄	160	15	24 x 25 x 1
Low NOx Models ④										
S8X2A040M3PTAB	2-3	32,000	20,800	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1
S8X2B060M3PTAB	3	48,000	31,200	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1
S8X2B060M4PTAB	4	48,000	31,200	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	16 x 25 x 1
S8X2B080M4PTBA	3-4	64,000	41,600	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	137	15	16 x 25 x 1
S8X2C080M5PTAB	4-5	64,000	41,600	80.0	4	③	34 x 21 x 28 ³ / ₄	142	15	20 x 25 x 1
S8X2C100M5PTAB	4-5	80,000	52,000	80.0	4	③	34 x 21 x 28 ³ / ₄	144	15	20 x 25 x 1
S8X2D120M5PTBA	5	96,000	67,200	80.0	4	③	34 x 24 ¹ / ₂ x 28 ³ / ₄	160	15	24 x 25 x 1

① Isolated Combustion System.

② 9 Speed direct drive motor is an ECM constant torque motor.

③ Silicon Nitride Igniter.

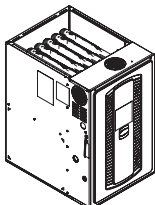
④ These models comply with California 40ng/J Low NOx regulations.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace.

S8X1 – Single Stage ECM

Table FUR-11-B — S8X1 1 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)②



**S8X1
4-Way
Multi-Poise**

Unit Model Number	Airflow In Tons	Nominal Output (Btuh)	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**	
										S8X1A026M2PSAB
S8X1A040M3PSAB	2-3	32,000	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1	
S8X1B040M2PSAB	2	32,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	128	15	16 x 25 x 1	
S8X1B060M3PSAB	3	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1	
S8X1B060M4PSAB	4	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	16 x 25 x 1	
S8X1B080M4PSBA	3-4	64,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	137	15	16 x 25 x 1	
S8X1C080M5PSAB	4-5	64,000	80.0	4	③	34 x 21 x 28 ³ / ₄	142	15	20 x 25 x 1	
S8X1C100M5PSAB	4-5	80,000	80.0	4	③	34 x 21 x 28 ³ / ₄	144	15	20 x 25 x 1	
S8X1D120M5PSBA	5	96,000	80.0	4	③	34 x 24 ¹ / ₂ x 28 ³ / ₄	160	15	24 x 25 x 1	
Low NOx Models ④										
S8X1A026M2PTAB	2	20,800	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1	
S8X1A040M3PTAB	2-3	32,000	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1	
S8X1B040M2PTAB	2	32,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	128	15	16 x 25 x 1	
S8X1B060M3PTAB	3	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1	
S8X1B060M4PTAB	4	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	16 x 25 x 1	
S8X1B080M4PTBA	3-4	64,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	137	15	16 x 25 x 1	
S8X1C080M5PTAB	4-5	64,000	80.0	4	③	34 x 21 x 28 ³ / ₄	142	15	20 x 25 x 1	
S8X1C100M5PTAB	4-5	80,000	80.0	4	③	34 x 21 x 28 ³ / ₄	144	15	20 x 25 x 1	
S8X1D120M4PTBA	5	96,000	80.0	4	③	34 x 24 ¹ / ₂ x 28 ³ / ₄	160	15	24 x 25 x 1	

① Isolated Combustion System.

② 9 Speed direct drive motor is an ECM constant torque motor.

③ Silicon Nitride Igniter.

④ These models comply with California 40ng/J Low NOx regulations.

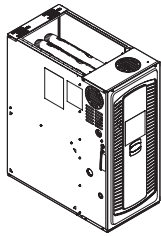
* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

S8B1 – Single Stage ECM

Table FUR-12-A — S8B1 1 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)②



**S8B1
4-Way
Multi-Poise**

Unit Model Number	Airflow In Tons	Nominal Output (Btuh)	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S8B1A026M2PSAB	2	20,800	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1
S8B1A040M3PSAB	2-3	32,000	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1
S8B1B040M2PSAB	2	32,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	128	15	16 x 25 x 1
S8B1B060M3PSAB	3	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1
S8B1B060M4PSAB	4	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	16 x 25 x 1
S8B1B080M4PSBA	3-4	64,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	137	15	16 x 25 x 1
S8B1C080M5PSAB	4-5	64,000	80.0	4	③	34 x 21 x 28 ³ / ₄	142	15	20 x 25 x 1
S8B1C100M5PSAB	4-5	80,000	80.0	4	③	34 x 21 x 28 ³ / ₄	144	15	20 x 25 x 1
S8B1D120M5PSBA	5	96,000	80.0	4	③	34 x 24 ¹ / ₂ x 28 ³ / ₄	160	15	24 x 25 x 1
Low NOx Models ④									
S8B1A026M2PTAB	2	20,800	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1
S8B1A040M3PTAB	2-3	32,000	80.0	4	③	34 x 14 ¹ / ₂ x 28 ³ / ₄	102	15	14 x 25 x 1
S8B1B040M2PTAB	2	32,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	128	15	16 x 25 x 1
S8B1B060M3PTAB	3	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	16 x 25 x 1
S8B1B060M4PTAB	4	48,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	16 x 25 x 1
S8B1B080M4PTBA	3-4	64,000	80.0	4	③	34 x 17 ¹ / ₂ x 28 ³ / ₄	137	15	16 x 25 x 1
S8B1C080M5PTAB	4-5	64,000	80.0	4	③	34 x 21 x 28 ³ / ₄	142	15	20 x 25 x 1
S8B1C100M5PTAB	4-5	80,000	80.0	4	③	34 x 21 x 28 ³ / ₄	144	15	20 x 25 x 1
S8B1D120M5PTBA	5	96,000	80.0	4	③	34 x 24 ¹ / ₂ x 28 ³ / ₄	160	15	24 x 25 x 1

① Isolated Combustion System.

② 9 Speed direct drive motor is an ECM constant torque motor.

③ Silicon Nitride Igniter.

④ These models comply with California 40ng/J Low NOx regulations.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace.

Convertible Gas Furnaces

Table FUR-12-B — High Altitude Pressure Switch S8 Furnaces

Model Number	Description	Used With	Shipping Weight
BAYSWT14AHALTB	1 Switch	S8X1C080M5PSAB①, S8X1C100M5PSAB① S8B1C080M5PSAB①, S8B1C100M5PSAB①	2
BAYSWT15AHALTA	1 Switch	S8X1B060M3PSAB①, S8X1B060M4PSAB①, S8X1B080M4PSBA①, S8B1B060M3PSAB①, S8B1B060M4PSAB①, S8B1B080M4PSBA①	2
BAYSWT16AHALTA	2 Switches	S8X2C080M5PSAB①	2
BAYSWT17AHALTA	2 Switches	S8X2B060M3PSAB, S8X2B060M4PSAB	2
BAYSWT18AHALTA	2 Switches	S8X2B080M4PSBA①	2
BAYSWT19AHALTA	2 Switches	S8X2C100M5PSAB①	2
BAYSWT20AHALTA	1 Switch	S8X1A026M2PSAB①, S8B1A026M2PSAB①	2
BAYSWT21AHALTA	1 Switch	S8X1A040M3PSAB①, S8X1A040M3PSAB①, S8X1B040M2PSAB ①, S8B1B040M2PSAB ①	2
BAYSWT22AHALTA	2 Switches	S8X2A040M3PSAB①	2
BAYSWT23AHALTA	2 Switches	S8X2B060M3PSAB②, S8X2B060M4PSA②	2

Note: S8X1D120M5, S8B1D120M5 and S8X2D120M5 do not require high altitude pressure switch kits.

① SAAA & later or TAAA & later

② SAAB & later or TAAA & later

Convertible Gas Furnaces

Furnaces

Table FUR-13-A — Features

	S8X2 2 Stage	S8X1 1 Stage	S8B1 1 Stage
• Two stage combination gas valve and regulator	✓	—	—
• Dry contact Humidifier/EAC hook-up capability	✓	✓	—
• Insulated blower compartment ①	✓	✓	—
• Meets requirements for 1% or less air leakage ②	✓	✓	—
• Painted cabinet two tone color	✓	✓	—
• Standard 34" height	✓	✓	✓
• 4 Way poise (Upflow, Downflow, Horizontal Left, Horizontal Right)	✓	✓	✓
• Front service access with easily accessible burners, sensors, orifices, switches, and other components	✓	✓	✓
• Cabinet has no knockouts - Plastic plugs come installed from factory	✓	✓	✓
• Gas can enter either side of cabinet	✓	✓	✓
• Multiple venting options - Every model, every size offers two venting options	✓	✓	✓
• Integrated Furnace Control board with digital configuration, status, and fault codes	✓	✓	✓
• Alpha-numeric diagnostic codes	✓	✓	✓
• Adjustable blower off delay for heating and cooling	✓	✓	✓
• Last six fault codes are stored (even with power loss)	✓	✓	✓
• Aluminized heat exchanger tubes	✓	✓	✓
• Longer IFC wire harnesses allow door to be removed without disconnecting the harness	✓	✓	✓
• Alternate bottom/left/right return air (except downflow)	✓	✓	✓
• Bottom panel	✓	✓	✓
• Direct drive, 9 speed Constant Torque ECM blower motor	✓	✓	✓
• Heavy gauge reinforced wrap-around steel cabinet	✓	✓	✓
• Service diagnostics with faults reported on IFC board	✓	✓	✓
• Manual reset flame roll out switches	✓	✓	✓
• Multi-port in shot burners	✓	✓	✓
• Service diagnostic capabilities	✓	✓	✓
• Vortica™ II blower housing	✓	✓	✓
• Slide out blower assembly on full-length rails	✓	✓	✓
• Side return duct starter tabs	✓	✓	✓
• Silicon Nitride 120V hot surface igniter	✓	✓	✓
• Multiple heating blower speeds	✓	✓	✓
• 20-year limited warranty on the heat exchanger & 10-year on all other functional parts (Residential Use)	✓	✓	✓
• Optional extended warranties available	✓	✓	✓

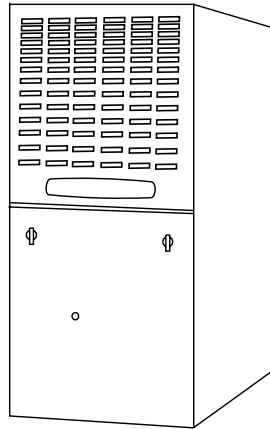
① 14.5" cabinets do not have blower compartment insulation
 ② 1.4% leakage on S8B1 models

Table FUR-13-B — Optional Accessories

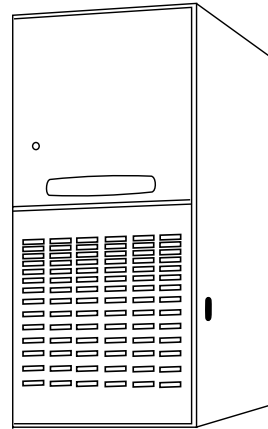
Model Number	Description	Shipping Weight	S8X2 2 Stage	S8X1 1 Stage	S8B1 1 Stage
BAYLPSS400B	LP Kit with Stainless Steel Burners	3	✓	(except 026)	(except 026)
BAYLPSS410B	LP Kit with Stainless Steel Burners	3	—	S8X1A026	S8B1A026
BAYHANG	Horizontal hanging kit	2	✓	✓	✓
BAYSF1165A	1" SlimFit Box with MERV 4 Filter (side return)	5	✓	✓	✓
BAYVENT600A ①	Internal venting kit	11	✓	✓	✓
BAYVENT800B	Masonry Chimney Vent Kit	11	✓	✓	✓
PIP02095	U fitting for gas piping	1	✓	✓	✓
BAYLIFTB	Dual return kit. B cabinet size extension	8	✓	✓	✓
BAYLIFTC	Dual return kit. C cabinet size extension	9	✓	✓	✓
BAYLIFTD	Dual return kit. D cabinet size extension	9	✓	✓	✓
BAYBASE205	Downflow subbase	8	✓	✓	✓
BAYFLTR206	Filter Access Door Kit (Downflow only)	2	✓	✓	✓
BAYSF1165	16x20 1" side return filter rack	✓	✓	✓	✓
BAYSF1255	16x25 1" side return filter rack (bottom return for 17.5" cabinets)	✓	✓	✓	✓
BAYBURNERSS	Stainless steel natural gas burner kit	✓	✓	✓	✓

① Compatible with B, C, and D width cabinets.

XC80 Convertible Gas Furnace Airflow Directions



AIR FLOW
↑
UPFLOW

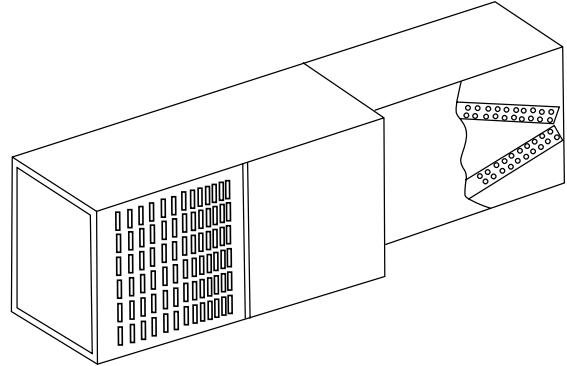
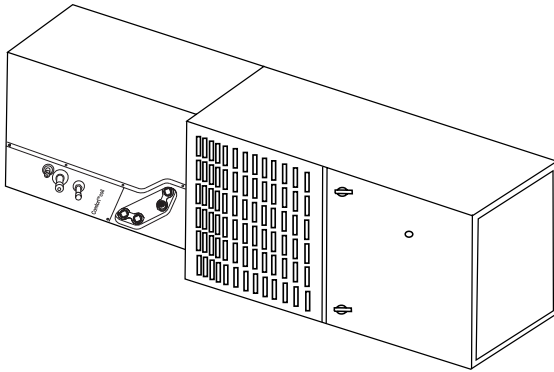


DOWNFLOW
AIR FLOW
↓

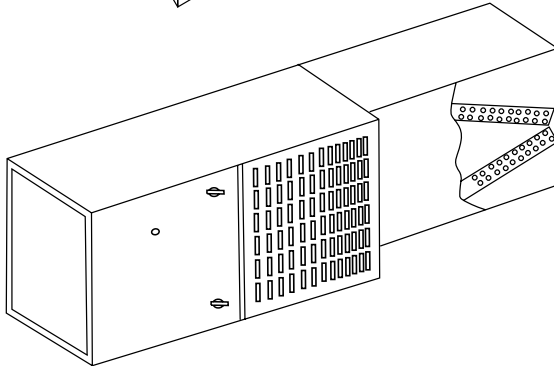
AIR FLOW ←

UPFLOW, DOWNFLOW, HORIZONTAL LEFT OR RIGHT

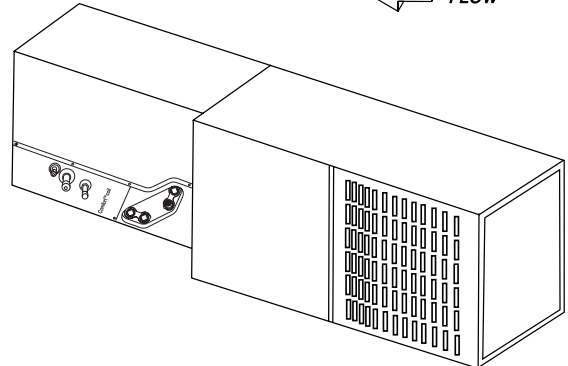
AIR FLOW →



AIR FLOW → UPFLOW

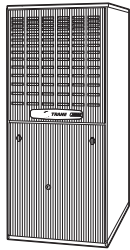


DOWNFLOW ← AIR FLOW



Note: The non-condensing, forty inch (40") height furnaces may be laid on either side for horizontal application. Connection brackets for coil/furnace alignment are included with the furnaces. The apex of the coil may point into or away from the airflow.

XC80 Communicating Two Stage ECM Variable Speed



**XC80
Upflow**

Table FUR-15-A — XC80 Variable Speed Communicating, Two-Stage, Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)②③④

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
TUD2B060ACV32B	3	48,000	31,200	80.0	4	①	40 x 17½ x 28	136	15	17 x 25 x 1
TUD2B080ACV32B	3	64,000	41,600	80.0	4	①	40 x 17½ x 28	142	15	17 x 25 x 1
TUD2C080ACV42B	4	64,000	41,600	80.0	4	①	40 x 21 x 28	155	15	20 x 25 x 1
TUD2C100ACV52B	5	79,000	52,000	80.0	4	①	40 x 21 x 28	175	15	20 x 25 x 1
TUD2D120ACV52B	5	97,000	62,400	80.0	4	①	40 x 24½ x 28	193	15	24 x 25 x 1
TUD2D140ACV52B	5	111,000	72,800	80.0	4	①	40 x 24½ x 28	197	15	24 x 25 x 1

Table FUR-15-B — XC80 Variable Speed Communicating, Two-Stage, Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)②③④

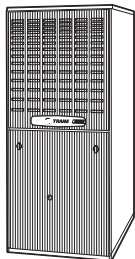
Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
TDD2B060ACV32B	3	48,000	31,200	80.0	4	①	40 x 17½ x 28	140	15	(2) 14 x 20 x 1
TDD2B080ACV32B	3	63,000	41,600	80.0	4	①	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
TDD2C100ACV52B	5	81,000	52,000	80.0	4	①	40 x 21 x 28	166	15	(2) 16 x 20 x 1
TDD2D120ACV52B	5	95,000	62,400	80.0	4	①	40 x 24½ x 28	197	15	(2) 16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

- ① Silicon Nitride Igniter.
- ② Must use communicating thermostat with ComfortLink™ II control.
- ③ Field convertible to 24V non-communicating.
- ④ Direct drive variable speed motor is an ECM constant airflow blower motor.
- ⑤ Isolated Combustion System.

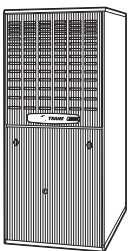
* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** For Upflow furnaces, the size is for a bottom return filter.



**XC80
Downflow**

XV80 – Two Stage ECM Variable Speed



**XV80
Upflow**

Table FUR-15-C — XV80 Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ②

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS③ AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
TUD2B060A9V3VB	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	136	15	17 x 25 x 1
TUD2B080A9V3VB	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
TUD2C080A9V4VB	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	17 x 25 x 1
TUD2C080B9V4VB①	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	17 x 25 x 1
TUD2C100A9V5VB	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
TUD2C100B9V5VB①	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
TUD2D120A9V5VB	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	193	20	24 x 25 x 1
TUD2D120B9V5VB①	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	193	20	24 x 25 x 1

Table FUR-15-D — XV80 Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ②

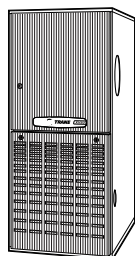
Unit Model Number	Airflow In Tons	Output (Btuh)		ICS③ AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
TDD2B060A9V3VA	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	140	15	(2) 14 x 20 x 1
TDD2B080A9V3VA	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
TDD2C100A9V5VA	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	(2) 16 x 20 x 1
TDD2D120A9V5VA	5	95,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	197	20	(2) 16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

- ① Model has high efficiency blower assembly.
- ② This furnace family uses a two speed draft inducer.
- ③ Isolated Combustion System.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** For Upflow furnaces, the size is for a bottom return filter.



**XV80
Downflow**

XC80, XV80 Convertible Gas Furnaces

Table FUR-16-A — Features

	XC80 TUD2 TDD2 2-Stage ^①	XV80 TUD-9V TDD-9V 2-Stage ^①
• Service diagnostics with faults reported at the user interface	✓	—
• ComfortLink™ II system.....	✓	—
• Can be connected in communicating or 24V non-communicating modes.....	✓	—
• User interface for system configuration - Easy to use navigation buttons and plain text for clear description of features	✓	—
• 3-way vent option on downflow models (top,right or left) (downflow models only)	—	✓
• 24 volt secondary fuse	—	✓
• Variable speed ECM blower motor*	✓	✓
• Comfort-R™ enhanced mode (cooling).....	✓	✓
• Meets requirements for 2% or less air leakage.....	✓	✓
• Adjustable heating fan off timing	✓	✓
• Alternate bottom/left/right return air (upflow models only)	✓	✓
• Attractive color accents	✓	✓
• Blower door safety switch.....	✓	✓
• Bottom Panel (upflow models only).....	✓	✓
• Cleanable/reusable high velocity filters.....	✓	✓
• Common vent capability.....	✓	✓
• Complete front service access.....	✓	✓
• Gasketed blower door	✓	✓
• Heavy gauge reinforced wrap-around steel cabinet	✓	✓
• Horizontal left/right without conversion required	✓	✓
• Humidifier/EAC hook-up capability	✓	✓
• Inner blower door panel (downflow models only).....	✓	✓
• Insulated blower compartment 4 sides (upflow models only)	✓	✓
• Integrated solid state control w/self diagnostics.....	✓	✓
• Left/right gas connection	✓	✓
• Manual reset flame roll out switches	✓	✓
• Masonry Chimney Venting w/BAYVENT800B (upflow models)	✓	✓
• Multi-port in shot burners	✓	✓
• Perfect fit door latches (upflow models only)	✓	✓
• Right or left hand side knock out for venting (downflow models only)	✓	✓
• Selectable cooling fan off delay eliminates need for time delay relay	②	✓
• Service diagnostic capabilities	✓	✓
• Side return starter tabs (upflow models only).....	✓	✓
• Silicon Nitride hot surface igniter with adaptive heat up	✓	✓
• Single door filter access	✓	✓
• Slide out blower assembly.....	✓	✓
• 20 gauge aluminized steel heat exchanger	✓	✓
• Four heating blower speeds.....	✓	✓
• Two speed venter motor.....	✓	✓
• Two tone color.....	✓	✓
• Two-stage gas valve.....	✓	✓
• Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)	✓	✓
• Optional extended warranties available	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Variable Speed

② Selectable through thermostat

*Constant airflow ECM (electronically commutated motor).



XC80, XV80 Convertible Gas Furnaces

Table FUR-17-A — Optional Accessories

Model Number	Description	Shipping Weight	XC80 TUD2 TDD2 2 Stage ^③	XV80 TUD-R-V-K TDD-R-V-F 2 Stage ^③
BAYBASE205.....	Downflow subbase for downflow models only.....	8.....	✓	✓
BAYFLTR200.....	Side Filter Rack (External).....	5.....	✓	✓
BAYFLTR206.....	Filter Access Door Kit (Downflow only).....	2.....	✓	✓
BAYFLTR321 ^①	Cleanable filter for 21" cabinet upflow only.....	2.....	✓	✓
BAYFLTR324 ^①	Cleanable filter for 24.5" cabinet upflow only.....	2.....	✓	✓
BAYLPKT210B.....	Propane conversion kit.....	1.....	✓	✓
BAYLPSS210B.....	LP Kit with Stainless Steel Burners.....	1.....	✓	✓
BAYRACK960A ^②	Filter Rack Kit for upflow models only (internal).....	5.....	✓	✓
BAYVENT800B.....	Masonry chimney vent kit for upflow models only.....	2.....	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Contains one (1) high velocity filter.

② Internal filter rack for side or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

③ Variable Speed

Furnaces

Ordering Information

Variable and Non-Variable Speed High Efficiency Oil Furnaces

Trane Oil Furnaces are available from your local distributor.

For availability and support, contact your local distributor.

Furnaces



L8X1 - Single Stage, Ultra-Low NOx Gas Furnace



L8X1A055
L8X1B070
L8X1C100



L8X1B060
L8X1B080

Table FUR-19-A — L8X1 - Single Stage, Ultra-Low NOx Gas Furnace

Model Number	Airflow in Tons	Output (BTUH)	ICS AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse	Filter Sizes
						H	W	D			
L8X1A055U3XSAB	3 ^①	44,000	80.0	4	Silicon Nitride	34 ¹ / ₂	14 ¹ / ₅	28	107	15	14 x 25 x 1
L8X1B070U4XSAB	4	56,000	80.0	4	Silicon Nitride	34 ¹ / ₂	17 ¹ / ₂	28	135	15	16 x 25 x 1
L8X1C100U5XSAB	5	80,000	80.0	4	Silicon Nitride	34 ¹ / ₂	21	28	144	20	20 x 25 x 1

Table FUR-19-B — L8X1 - Single Stage, Ultra-Low NOx Gas Furnace

Model Number	Airflow in Tons	Nominal Output (BTUH)	ICS AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse	Filter Sizes
						H	W	D			
L8X1B060U3XSAA	3	48,000	80.0	4	Silicon Nitride	34	17 ¹ / ₂	28 ³ / ₄	118	15	16 x 25 x 1
L8X1B080U4XSAA	4	64,000	80.0	4	Silicon Nitride	34	17 ¹ / ₂	28 ³ / ₄	125	15	16 x 25 x 1

① Special consideration should be taken in duct design, evaporator coil selection/pressure drop, and air filter selection to achieve 350 CFM/ton at 0.5" external static pressure.

Table FUR-19-C — Features

	A55, B70, C100	B60, B80
• Cabinet height (in.).....	34.5	34.0
• 3-Way poise (Upflow, Horizontal Left, Horizontal Right).....	✓	✓
• Cabinet has no knockouts.....	—	✓
• Single stage.....	✓	✓
• 5 speed, Constant Torque ECM blower motor.....	✓	✓
• Stainless Steel, Tubular heat exchanger.....	—	✓
• Aluminized Steel, Tubular heat exchanger.....	✓	—
• Insulated blower compartment.....	✓	✓
• Painted cabinet with two tone color.....	✓	✓
• Vortica™ II Blower Housing	—	✓
• Meets requirements for 1% or less cabinet air leakage ②.....	—	✓
• Silicon Nitride hot surface igniter.....	✓	✓
• 20-year limited warranty on the heat exchanger & 10-year on all other functional parts	✓	✓

② A55, B70, and C100 models certified to 2% cabinet air leakage

Table FUR-19-D — Optional Accessories

Model Number	Description	A55, B70, C100	B60, B80
BAYSPACER	6 inch vertical coil spacer	✓	—

Table FUR-19-E — High Altitude Kits

Model Number	Description	Used With
BAYHALTMOD0001	High Altitude Kit for units installed between 5400 - 7800 ft.	L8X1B060U3
BAYHALTMOD0002	High altitude kit for units installed between 2000 - 7800 ft.	L8X1B080U4

L9X1 - Single Stage, Ultra-Low NOx Gas Furnace



L9X1A050
L9X1C100

Table FUR-20-A — L9X1 - Single Stage, Ultra-Low NOx Gas Furnace

Model Number	Airflow in Tons	Output (BTUH)	ICS AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse	Filter Sizes
						H	W	D			
L9X1A050U3VSAA	3	48000	95	2, 3, 4	Silicon Nitride	34½	14¼	28	115	15	14 x 25 x 1
L9X1C100U5VSAA	5	95000	95	2, 3, 4	Silicon Nitride	34½	21	28	150	20	20 x 25 x 1

Table FUR-20-B — Features

	L9X1
• 9 speed, Constant Torque ECM blower motor	✓
• 34.5" Cabinet height	✓
• 3-Way Poise (Upflow, Horizontal Left, Horizontal Right).....	✓
• Single Stage Operation	✓
• Aluminized steel, tubular primary heat exchanger	✓
• Stainless steel secondary heat exchanger	✓
• Insulated blower compartment.....	✓
• Meets 14 ng/J NOx emission requirements	✓
• Meets requirements for 2% or less cabinet air leakage	✓
• Limited Lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)	✓

Table FUR-20-C — Optional Accessories

Model Number	Description	Used With
BAYSPACER	6 inch vertical coil spacer	L9X1 Furnaces
BAYHANG	Horizontal hanging kit	All Upflow Furnaces
BAYVENT200B	Sidewall Vent Termination Kit	All Condensing Furnaces
BAYAIR30AVENTA	Concentric Vent Kit	All Condensing Furnaces
BAYLIFTC	Dual Return Kit (C size extension)	C Cabinet Upflow Furnaces
BAYCNDTRAP2A	Inline Condensate Trap Kit used with Special Venting on 2" Vent Pipe	All Condensing Furnaces
BAYCNDTRAP3A	Inline Condensate Trap Kit used with Special Venting on 3" Vent Pipe	All Condensing Furnaces

CALL FOR MORE