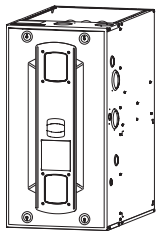


S9V2 – Two Stage ECM Variable Speed

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

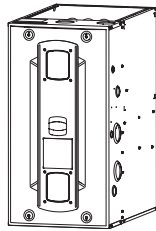


**S9V2
Direct Vent**

Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrater Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9V2B040U3PSAA	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	122	15	17 x 25 x 1
S9V2B060U3PSAA	3	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	127	15	17 x 25 x 1
S9V2B060U4PSAA	4	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	130	15	17 x 25 x 1
S9V2B080U3PSAA	3	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	17 x 25 x 1
S9V2B080U4PSAA	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	135	15	17 x 25 x 1
S9V2C080U5PSAA	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
S9V2C100U4PSAA	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
S9V2C100U5PSAA	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
S9V2D120U5PSAA	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

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

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



**S9V2
Direct Vent**

Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICS① AFUE	Flue Size (in)	Ignition Device	Uncrater Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9V2B040D3PSAA	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
S9V2B060D3PSAA	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
S9V2B080D3PSAA	3	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 ¹ / ₂ x 28 ³ / ₄	132	15	(2)14 x 20 x 1
S9V2B080D4PSAA	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
S9V2C100D4PSAA	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
S9V2C100D5PSAA	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
S9V2D120D5PSAA	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.

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.

S9V2 Convertible Gas Furnaces

Table FUR-2-A — Features

	S9V2 Variable Speed
• 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.....	✓
• New IntegratedFurnace Control board with digital configuration, status, and fault codes.....	✓
• Improved 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 (upflow models only)	✓
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated motor)	✓
• 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 2% or less air leakage	✓
• Registered limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)①	✓
• Optional extended warranties available	✓

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at trane.com or by phone at 800-554-6413; otherwise Trane Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on Comfortsite.com.

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

Table FUR-2-B — Optional Accessories

Model Number	Description	Shipping Weight	S9V2 - 2 Stage 1 or 2 Pipe
BAYLPSS400A	LP Kit with Stainless Steel Burners	2	✓
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	✓
BAYMFGH200A	Manufactured/mobil home kit	2	✓
BAYBASE205	Downflow subbase	8	✓
BAYFLTR206	Filter Access Door Kit	2	✓

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