



## A801X - Single Stage, ECM



A801X  
Gas Furnace

Table RTFUR-1-A – A801X, Constant Torque ECM, 1 stage, 80% AFUE Gas Furnace

Model Number	CA Low NOx Model Number <sup>②</sup>	Input (BTUH)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
A801X040BM2SDA	A801X040BM2TCA	40,000	80.0	4	①	34	14.5	28.75	102	15	14x25x1
A801X040AM3SDA	A801X040AM3TDA	40,000	80.0	4	①	34	17.5	28.75	128	15	16x25x1
A801X060BM4SDA	A801X060BM4TDA	60,000	80.0	4	①	34	17.5	28.75	132	15	16x25x1
A801X080BM4SDA	A801X080BM4TDA	80,000	80.0	4	①	34	17.5	28.75	137	15	16x25x1
A801X080CM5SDA	A801X080CM5TDA	80,000	80.0	4	①	34	21	28.75	142	15	20x25x1
A801X100CM5SDA	A801X100CM5TDA	100,000	80.0	4	①	34	21	28.75	144	15	20x25x1
A801X120DM5SDA	A801X120DM5TDA	120,000	80.0	4	①	34	24.5	28.75	160	15	24x25x1

① Silicon Nitride Igniter.

② These models comply with California 40 ng/J Low NOx regulations.

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

## A801X High Altitude Kits

Table RTFUR-1-B – High Altitude Pressure Switch A801X Furnaces

Model Number	Description	Used With	Shipping Weight
BAYSWT14AHALTB	1 Switch	A801X080CM5SCA <sup>①</sup> , A801X100CM5SCB <sup>①</sup>	2
BAYSWT15AHALTA	1 Switch	A801X060BM3SCA <sup>①</sup> , A801X060BM4SCA <sup>①</sup> , A801X080BM4SCA <sup>①</sup>	2
BAYSWT20AHALTA	1 Switch	A801X026AM2SCA <sup>①</sup>	2
BAYSWT21AHALTA	1 Switch	A801X040AM3SCA <sup>①</sup> , A801X040BM2SCA <sup>①</sup>	2

Note: A801X120DM5 does not require a high altitude pressure switch kit.

① SAC and TAC or later



# A801X - Single Stage, ECM

**Table RTFUR-2-A – Features**

	A801X
• AFUE .....	80.00
• 34" cabinet height .....	✓
• 4-Way Poise (Upflow, Downflow, Horizontal Left, Horizontal Right).....	✓
• Tubular Aluminized Steel Heat Exchanger .....	✓
• FER compliant .....	✓
• Gas can enter either side of cabinet.....	✓
• Multiple furnace venting options in each poise.....	✓
• Integrated Furnace Control board with digital configuration, status, and fault codes.....	✓
• Alpha-numeric diagnostic codes.....	✓
• Adjustable blower off delay for heating and cooling.....	✓
• Meets requirements for 1.4% cabinet air leakage.....	✓
• 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 .....	✓
• Multiple venting options - Every model, every size will offer two venting options .....	✓
• Longer IFC wire harnesses allow door to be removed without disconnecting the harness .....	✓
• Alternate bottom/left/right return air (except downflow).....	✓
• Bottom panel .....	✓
• Multi-port in shot burners.....	✓
• Silicon Nitride 120V hot surface igniter .....	✓
• 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. ....	✓
• Slide out blower assembly on full-length rails.....	✓
• Side return duct starter tabs .....	✓
• Multiple heating blower speeds .....	✓
• 5-year functional parts limited warranty/No Registration Required.....	✓
• 10-year functional parts warranty with product registration* .....	✓
• Commercial Applications: Limited Warranty Heat exchangers 20 years. All other functional parts 1 year .....	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at RunTruHVAC.com or by phone at 855-260-2975, otherwise Trane's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ComfortSite.com.

**Table RTFUR-2-B – Optional Accessories**

Model Number	Description	Shipping Weight	
BAYLPSS400B .....	LP Kit with Stainless Steel Burners .....	3.....	(except 026)
BAYLPSS410A .....	LP Kit with Stainless Steel Burners .....	3.....	A801X026
BAYHANG .....	Horizontal hanging kit .....	2.....	✓
BAYSF1165A.....	1" SlimFit Box with MERV 4 Filter (side return).....	5.....	✓
BAYFLTR203 .....	Horizontal Filter Kit for B Cabinets .....	5.....	✓
BAYFLTR204 .....	Horizontal Filter Kit for C Cabinets.....	5.....	✓
BAYFLTR205 .....	Horizontal Filter Kit for D Cabinets.....	5.....	✓
BAYVENT600AⓈ.....	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.....		✓

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

**Comfort Controls – See Comfort Controls/Zone Sensors Section**

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



## A951X - Single Stage, ECM



A951X  
Gas Furnace

Table RTFUR-3-A – A951X Constant Torque ECM, 1 Stage, 95-96% AFUE, Upflow Gas Furnace

Model Number	Input (BTUH)		ICS AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A951X040BU3SAB	40,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	16x25x1
A951X060BU4SAB	60,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	130	15	16x25x1
A951X080BU4SAB	80,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	16x25x1
A951X080CU5SAB	80,000		96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	149	15	20x25x1
A951X100CU5SAB	100,000		95.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	20x25x1
A951X120DU5SAB	120,000		95.0 <sup>③</sup>	3, 4	①	34	24.5	28.75	167	15	24x25x1

Table RTFUR-3-B – A951X Constant Torque ECM, 1 Stage, 95-96% AFUE, Downflow Gas Furnace

Model Number	Input (BTUH)		ICS AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A951X040BD3SAB	40,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	(2) 14x20x1
A951X060BD3SAB	60,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	127	15	(2) 14x20x1
A951X080BD4SAB	80,000		95.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	(2) 14x20x1
A951X100CD5SAB	100,000		96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	(2) 16x20x1
A951X120DD5SAB	120,000		95.0 <sup>③</sup>	3, 4	①	34	24.5	28.75	167	15	(2) 16x20x1

- ① Silicon Nitride Igniter.
- ② Isolated Combustion System. AFUE may vary based on poise.
- ③ ENERGY STAR®

## A952V - Two Stage, Variable Speed ECM



A952V  
Gas Furnace

Table RTFUR-3-C – A952V Variable Speed, 2 Stage, 96% AFUE, Upflow Gas Furnace

Model Number	Input (BTUH)		ICS AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A952V040BU3SBA	26,000	40,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	16x25x1
A952V060BU3SAD	39,000	60,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	127	15	16x25x1
A952V060BU4SBA	39,000	60,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	130	15	16x25x1
A952V080BU4SBA	52,000	80,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	16x25x1
A952V080CU5SBA	52,000	80,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	149	15	20x25x1
A952V100CU4SAD	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	154	15	20x25x1
A952V100CU5SBA	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	20x25x1
A952V120DU5SBA	78,000	120,000	96.0 <sup>③</sup>	3, 4	①	34	24.5	28.75	167	15	24x25x1

Table RTFUR-3-D – A952V Variable Speed, 2 Stage, 96% AFUE, Downflow Gas Furnace

Model Number	Input (BTUH)		ICS AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A952V040BD3SBA	26,000	40,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	14x20x1
A952V060BD3SBA	39,000	60,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	127	15	14x20x1
A952V080BD4SBA	52,000	80,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	14x20x1
A952V100CD4SAD	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	154	15	16x20x1
A952V100CD5SBA	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	16x20x1
A952V120DD5SBA	78,000	120,000	96.0 <sup>③</sup>	3, 4	①	34	24.5	28.75	167	15	16x20x1

- ① Silicon Nitride Igniter.
- ② Isolated Combustion System. AFUE may vary based on poise.
- ③ ENERGY STAR®

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



# 95+% AFUE Furnaces

Table RTFUR-4-A – Features

	A951X Constant Torque	A952V Variable Speed
• AFUE .....	Up to 96%	96%
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated motor) ....	—	✓
• Two stage combination gas valve and regulator .....	—	✓
• Constant Torque Electronically Commutated Motor (ECM) .....	✓	—
• Single-stage combination gas valve and regulator .....	✓	—
• 34" cabinet height .....	✓	✓
• 3 Way poise Upflow furnace model (Upflow, Horizontal Left, Horizontal Right) .....	✓	✓
• 29–4C Stainless Steel Secondary Heat Exchanger .....	✓	✓
• Adjustable blower off delay for heating and cooling .....	✓	✓
• Alternate bottom/left/right return air (upflow models only) .....	✓	✓
• Bottom panel .....	✓	✓
• Cabinet has no knockouts - Rubber and plastic plugs come installed from factory .....	✓	✓
• Condensate can exit either side of cabinet in Upflow orientation .....	✓	✓
• Dedicated Downflow furnace model .....	✓	✓
• FER compliant .....	✓	✓
• Front service access with easily accessible burners, sensors, orifices, switches, and other components .....	✓	✓
• Gas can enter either side of cabinet .....	✓	✓
• Gasketed inner and outer door .....	✓	✓
• Heavy gauge reinforced wrap-around steel cabinet .....	✓	✓
• Alpha-numeric diagnostic codes .....	✓	✓
• Last six fault codes are stored (even with power loss) .....	✓	✓
• Left/right condensate drain capability in vertical application .....	✓	✓
• Longer IFC wire harnesses allow door to be removed without disconnecting the harness .....	✓	✓
• Manual reset flame roll out switches .....	✓	✓
• Meets requirements for 1.4% cabinet air leakage .....	✓	✓
• Mobile home approved with mobile home kit .....	✓	✓
• Multiple heating blower speeds .....	✓	✓
• Multiple venting options - Every model, every size will offer two venting options .....	✓	✓
• Multi-port in shot burners .....	✓	✓
• Integrated Furnace Control board with digital configuration, status, and fault codes .....	✓	✓
• Service diagnostic capabilities .....	✓	✓
• Service diagnostics with faults reported on IFC board .....	✓	✓
• Side return duct starter tabs (upflow models only) .....	✓	✓
• Silicon Nitride 120V hot surface igniter .....	✓	✓
• Slide out blower assembly on full-length rails .....	✓	✓
• Tubular Stainless Steel Primary Heat Exchanger .....	✓	✓
• 5-year functional parts limited warranty/Production Registration Not Required .....	✓	✓
• 10-year functional parts warranty/product registration required* .....	✓	✓
• Commercial Applications: Limited Warranty Heat exchangers 20 years. All other functional parts 1 year .....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at RunTruHVAC.com or by phone at 855-260-2975, otherwise Trane's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ComfortSite.com.

RunTru™  
Furnaces



# 95+% AFUE Furnaces

**Table RTSC-5-A – Optional Accessories**

Model Number	Description	Shipping Weight	A951X Constant Torque	A952V Variable Speed
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.....	✓	✓
MAYBFERCOLKITA① ..	Heat Shield, B size cabinet .....	3.....	✓	✓
MAYCFERCOLKITA① ..	Heat Shield, C size cabinet.....	3.....	✓	✓
MAYDFERCOLKITA① ..	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.....		✓	✓

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.