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American Standard[®]
HEATING & AIR CONDITIONING

QUICK REFERENCE GUIDE JANUARY 2022



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Contents - Residential

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Ameristar™

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Model Nomenclature

AMERISTAR® BY AMERICAN STANDARD HEATING & AIR

AC and HP

Brand _____
A = Ameristar Brand

Refrigerant Type _____
4 = R410A

Product Family _____
AC = Air Conditioner
HP = Heat Pump

Nominal Efficiency Rating _____
3 = 13 SEER
4 = 14 SEER
6 = 16 SEER

Nominal Capacity _____
BTU/Hour x 1000

Major Development Sequence—
Primary Design / Form Series
Alphabetic Character "A" through "Z"

Electric Power Supply _____
1 = 200-230V/1PH/60Hz or 208-230V/1PH/60Hz

Secondary Function _____
000 = No Secondary Function

Minor Design Sequence/Series - Design Change—
Alphabetic Character "A" through "Z"

A 4 A C 4 0 4 8 A 1 0 0 A A

AMERISTAR® BY AMERICAN STANDARD HEATING & AIR

Furnace

Brand _____
A = Ameristar Brand

Model Family (Nominal Efficiency) _____
80 = 80% Non-Condensing
95 = 95% + Condensing

Gas Valve Stages _____
1 = 1 Stage Gas Valve
2 = 2 Stage Gas Valve

Blower Type _____
P = PSC Motor
X = Constant Torque Motor
V = Variable Speed Motor

BTU Input (Nominal Heating Capacity) _____
BTU/Hour x 1000

Cabinet Width _____
A = 14.5"
B = 17.5"
C = 21"
D = 24.5"

Orientation _____
U = Upflow/Horizontal Right/Horizontal Left
D = Downflow
M = Multipoise

Nominal Cooling Airflow (in tons) _____

Type _____
S = Standard system
T = 40ng/J NOx
L = 14 ng/J NOx

Major Development Sequence—
Primary Design/Form Series
Alphabetic Letter A through Z

Minor Development Sequence/Series—
Design Change
Alphabetic Letter A through Z

A 8 0 1 X 0 4 0 A M 2 S A A A

AMERISTAR® BY AMERICAN STANDARD HEATING & AIR

Air Handler

Brand _____
A = Ameristar Brand

Refrigerant Type _____
4 = R410A

Product Family _____
AH = Air Handler Unit

Nominal Efficiency Rating _____
4 = 14 SEER
6 = 16 SEER

Blower Type _____
P = PSC
V = Variable Speed
E = Constant Torque ECM

Nominal Capacity _____
BTU/HOUR x 1000

Major Development Sequence—
Primary Design / Form Series
Alphabetic Character "A" through "Z"

Electric Power Supply Characteristics _____
1 = 200-230V/1PH/60Hz or 208-230V/1PH/60Hz

Cabinet Width Size _____
B = 18.5"
C = 23.5"
D = 26.5"

Refrigerant Control _____
3 = TXV Non-Bleed
6 = FCCV (Flow Control/Check Valve)

Placeholder _____
0 = Nothing/Blank

Minor Development Sequence/Series—
Design Change
Alphabetic Letter A through Z

A 4 A H 4 P 2 4 A 1 B 3 0 A A

AMERISTAR® BY AMERICAN STANDARD HEATING & AIR

Air Handler - TMM

Brand _____
T = Ameristar

Product Type _____
E = Metal Cabinet
M = Metal Over Hot Water Heater

Convertability _____
M = Multi-poise 4-way

Product Tier _____
3 = Entry Level Multi-Speed
4 = Entry Level Multi-Speed
5 = Entry Level High Efficiency
6 = Entry Level Variable Speed
8 = Entry Level Comm/24V Variable Speed

Major Design Change _____

No Descriptor _____
0 = Air Handler / Coil

Size (Footprint) (W x D) _____
A = 20.5 x 15.0
B = 18.5 x 21.1 (TEM), 22.0 x 19.0 (TMM)
C = 23.5 x 21.1
D = 26.5 x 21.1

Cooling Size: Air Handler or Coil _____
0-9 = AH Coil - 1000 BTU's (18, 24, 30, 36, 42, 48, 60)

Airflow Type & Capability _____
S = Standard Effy, 1-5 - nom. Tonnage (cfm/ton)
M = Mid Effy Multi-Speed, 1-5 - nom. Tonnage (cfm/ton)
H = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)
V = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)

Power Supply _____
1 = 208-230/1/60

System Control Type _____
S = Standard - 24 VAC
C = CLII 13.8 VDC
D = Dual (24 VAC / CLII 13.8 VDC)

Minor Design Change _____

Service Digit - Not Orderable _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
T M M 4 A 0 B 3 6 M 3 1 S A A

Model Nomenclature

AMERISTAR® BY AMERICAN STANDARD HEATING & AIR

Coils

Brand _____
A = Ameristar Brand

Refrigerant Type _____
4 = R410A

Position _____
M = Multi-position (Up/Down/Left/Right)

Coil Design _____
X = Direct Expansion Evaporator Coil

Cabinet Width _____
A = 14.5"
B = 17.5"
C = 21.0"
D = 24.5"

Minimum Capacity _____
BTU/HOUR x 1000

Maximum Capacity _____
BTU/HOUR x 1000

Major Design Change _____
Alphabetic Letter A through Z

Efficiency _____
C = Standard

Refrigerant Control _____
3 = TXV
6 = FCCV (Flow Control/Check Valve)

Coil Circuitry _____
H = Heat Pump
C = Cooling

Minor Development Sequence/Series _____
Design Change
Alphabetic Letter A through Z

Service Digit _____
Unit Parts Identifier A through Z

A 4 M X C 3 6 4 2 A C 6 H A A

AMERISTAR® BY AMERICAN STANDARD HEATING & AIR

Packaged Unit

Refrigerant Type _____
4 = R410A

Type _____
Y = Gas Electric
W = Heat Pump Packaged
T = A/C (Cooling, Electric Heat)

Unit Functionality & Classification _____
C = Convertible
H = Dedicated Horizontal

Brand _____
A = Ameristar Brand

Family SEER _____
4 = 14

Nominal Cooling Capacity _____
(BTU/HOUR x 1000)

Major Modification _____
Major Design Modification A through Z

Power Supply _____
1 = 230-208V/1/60

Heating Capacity _____
Capacity (MBTU/H) 0 through 9

Minor Development Sequence/Series _____
Design Change
Alphabetic Letter A through Z

Service Digit _____
Unit Parts Identifier A through Z

4 T C A 4 0 2 4 A 1 0 0 0 A A

Split System Cooling

Single Phase – 1½-5 Tons



A4AC3
Air Conditioner

Table AMSC-1-A — 13 SEER Split System Air Conditioner

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4AC3018A1000B	208/230/1/60	18,000	29	24	24	152	74	12.0	20	3/4	3/8
A4AC3023A1000C	208/230/1/60	24,000	29	24	24	152	75	13.0	20	3/4	3/8
A4AC3024A1000C	208/230/1/60	24,000	29	26	26	158	74	14.0	20	3/4	3/8
A4AC3029A1000B	208/230/1/60	30,000	29	24	24	152	75	16.0	25	3/4	3/8
A4AC3030A1000C	208/230/1/60	30,000	29	30	30	191	74	16.0	25	3/4	3/8
A4AC3036A1000B	208/230/1/60	36,000	29	30	30	188	75	18.0	30	3/4	3/8
A4AC3042A1000B	208/230/1/60	42,000	29	30	30	205	76	22.0	35	7/8	3/8
A4AC3043A1000B	208/230/1/60	42,000	29	34	34	223	76	22.0	35	7/8	3/8
A4AC3048B1000B	208/230/1/60	48,000	29	34	34	189	76	24.0	40	7/8	3/8
A4AC3060A1000B	208/230/1/60	54,000	37	34	34	251	76	31.0	50	7/8	3/8



A4AC4
Air Conditioner

Table AMSC-1-B — 14 SEER Split System Air Conditioner

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4AC4018A1000B	208/230/1/60	18,000	29	24	24	152	74	12.0	20	3/4	3/8
A4AC4023A1000C	208/230/1/60	24,000	33	24	24	152	75	13.0	20	3/4	3/8
A4AC4024A1000C	208/230/1/60	24,000	29	26	26	158	74	14.0	20	3/4	3/8
A4AC4030A1000C	208/230/1/60	30,000	29	30	30	191	74	16.0	25	3/4	3/8
A4AC4036A1000C	208/230/1/60	36,000	33	30	30	189	74	18.0	30	3/4	3/8
A4AC4042A1000B	208/230/1/60	42,000	29	34	34	189	76	22.0	35	7/8	3/8
A4AC4048A1000B	208/230/1/60	48,000	29	34	34	189	76	24.0	40	7/8	3/8
A4AC4060A1000B	208/230/1/60	54,000	37	34	34	251	76	31.0	50	7/8	3/8



A4AC6
Air Conditioner

Table AMSC-1-C — 16 SEER Split System Air Conditioner

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4AC6018A1000A	208/230/1/60	18,000	28.6	23.6	23.6	152	76	12.0	20	3/4	3/8
A4AC6024A1000A	208/230/1/60	24,000	28.6	25.6	25.6	158	76	14.0	25	3/4	3/8
A4AC6030A1000B	208/230/1/60	24,000	28.6	29.8	29.8	188	76	16.0	25	3/4	3/8
A4AC6031A1000A	208/230/1/60	30,000	36.6	29.8	29.8	220	76	17.0	25	3/4	3/8
A4AC6036A1000A	208/230/1/60	36,000	32.6	29.8	29.8	189	76	18.0	30	3/4	3/8
A4AC6037A1000A	208/230/1/60	36,000	36.6	34.3	34.3	246	76	18.0	30	3/4	3/8
A4AC6042A1000A	208/230/1/60	42,000	44.6	34.3	34.3	302	76	21.0	35	7/8	3/8
A4AC6048A1000A	208/230/1/60	48,000	44.6	34.3	34.3	306	76	24.0	40	7/8	3/8
A4AC6060A1000A	208/230/1/60	60,000	44.6	34.3	34.3	327	76	27.0	45	7/8	3/8

Note: Odd-number capacity in the model number, for 2.5 ton and below, indicates smaller-footprint outdoor unit options. The even-number capacity models will have additional indoor matches and ratings options. Check AHRI.org and Comfortsite to verify system match ups. For example: A4AC30**23**A1000A or A4HP40**17**A1000A

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

** Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

Split System Cooling

Single Phase – 1½-5 Tons

Table AMSC-2-A — Features

	A4AC3	A4AC4	A4AC6
• SEER up to	14.00	15.00	16.00
• All-aluminum coil	✓	✓	✓
• Scroll compressor for quiet & reliable operation	✓	✓	✓
• Small unit footprint for tight spaces (1.5-5 Tons)	✓	✓	✓
• Quiet operation 76 dB	✓	✓	✓
• Pre-painted steel cabinet & base pan	✓	✓	✓
• 5-year limited functional parts warranty	✓	✓	✓
• 10-year functional parts warranty with product registration*	✓	✓	✓
• Commercial Applications: Limited Warranty. 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 ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

Table AMSC-2-B — Optional Accessories

Model Number	Description			
AY28X079	Evap. Defrost Control Kit	✓	✓	✓
BAYCCHT301RES	Crankcase Heater Kit (Scroll)	3.5 - 5.0	3.5 - 5.0	3.5 - 5.0
BAYCCHT302RES	Crankcase Heater Kit (Scroll)	1.5 - 3.0	1.5 - 3.0	1.5 - 3.0
BAYISLT101	Rubber Isolators	✓	✓	✓
BAYLOAM108	External Low Ambient Kit	✓	✓	✓
BAYLEGS007	Snow Legs - 7" High (Black)	✓	✓	✓
BAYLEGS004	Snow Legs - 4" High (Black)	✓	✓	✓
BAYKSKT267	External Start Kit	✓	✓	✓
BAYSDEN003	Small Scroll Compressor Enclosures	1.5 - 3.0	1.5 - 3.0	1.5 - 3.0
BAYSDEN004	Large Scroll Compressor Enclosures	3.5 - 5.0	3.5 - 5.0	3.5 - 5.0

Split System Heat Pumps Single Phase – 1½-5 Tons



**A4HP4
Heat Pump**

Table AMSH-1-A — 14 SEER Split System Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4HP4017A1000B	208/230/1/60	18,000	29	24	24	164	76	12.0	20	3/4	3/8
A4HP4018A1000B	208/230/1/60	18,000	29	26	26	167	75	12.0	20	3/4	3/8
A4HP4023A1000B	208/230/1/60	24,000	29	26	26	167	76	14.0	25	3/4	3/8
A4HP4024A1000B	208/230/1/60	24,000	29	30	30	187	75	14.0	25	3/4	3/8
A4HP4030A1000B	208/230/1/60	30,000	29	34	34	207	74	17.0	25	3/4	3/8
A4HP4036A1000B	208/230/1/60	36,000	29	34	34	207	76	19.0	30	7/8	3/8
A4HP4042A1000B	208/230/1/60	42,000	29	34	34	227	76	25.0	40	7/8	3/8
A4HP4048A1000B	208/230/1/60	48,000	33	34	34	240	76	25.0	45	7/8	3/8
A4HP4060A1000B	208/230/1/60	54,000	45	34	34	283	76	32.0	50	7/8	3/8



**A4HP6
Heat Pump**

Table AMSH-1-B — 16 SEER Split System Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4HP6018A1000A	208/230/1/60	18,000	29	26	26	167	76	12.0	20	3/4	3/8
A4HP6024A1000A	208/230/1/60	24,000	29	30	30	187	76	14.0	25	3/4	3/8
A4HP6030A1000A	208/230/1/60	30,000	37	34	34	245	76	17.0	25	3/4	3/8
A4HP6036A1000A	208/230/1/60	36,000	37	34	34	246	76	18.0	30	3/4	3/8
A4HP6042A1000A	208/230/1/60	42,000	45	34	34	277	76	24.0	40	7/8	3/8
A4HP6048A1000A	208/230/1/60	48,000	45	34	34	300	76	26.0	40	7/8	3/8
A4HP6060A1000A	208/230/1/60	54,000	45	34	34	300	76	32.0	50	7/8	3/8

Note: Odd-number capacity in the model number, for 2.5 ton and below, indicates smaller-footprint outdoor unit options. The even-number capacity models will have additional indoor matches and ratings options. Check AHRI.org and Comfortsite to verify system match ups. For example: A4AC30**23**A1000A or A4HP40**17**A1000A

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

** Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

Split System Heat Pumps

Single Phase – 1½-5 Tons

Table AMSH-2-A — Features

	A4HP4	A4HP6
• SEER up to	15.00	16.00
• HSFP up to.....	8.5	9.5
• All-aluminum coil	✓	✓
• Scroll compressor for quiet & reliable operation.....	✓	✓
• Small unit footprint for tight spaces (1.5-5 Tons)	✓	✓
• Quiet operation 76 dB	✓	✓
• Pre-painted steel cabinet & base pan.....	✓	✓
• 5-year functional parts limited warranty	✓	✓
• 10-year functional parts warranty with product registration*	✓	✓
• Commercial Applications: Limited Warranty. 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 ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

Table AMSH-2-B — Optional Accessories

Model Number	Description		
AY28X079	Evap. Defrost Control Kit.....	✓	✓
BAYCCHT301RES.....	Crankcase Heater Kit (Scroll)	3.5 - 5.0	3.5 - 5.0
BAYCCHT302RES.....	Crankcase Heater Kit (Scroll)	1.5 - 3.0	1.5 - 3.0
BAYISLT101	Rubber Isolators	✓	✓
BAYLOAM108	External Low Ambient Kit	✓	✓
BAYLEGS007.....	Snow Legs - 7" High (Black).....	✓	✓
BAYLEGS004.....	Snow Legs - 4" High (Black).....	✓	✓
BAYKSKT267.....	External Start Kit	✓	✓
BAYSDEN003	Small Scroll Compressor Enclosures	1.5 - 3.0	1.5 - 3.0
BAYSDEN004	Large Scroll Compressor Enclosures	3.5 - 5.0	3.5 - 5.0

Split System Air Handlers Single Phase 1½-5 Tons



**A4AH4
Multi-position
Air Handlers**

Table AMAH-1-A — R-410A 14 SEER Multi-position Air Handlers 208-230/1/60

Model Number	Cooling Capacity (Btuh)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Supply Opening	Return Opening	Refrigerant Control	Filter Sizes	Line Size (in)	
		H	W	D						Gas	Liquid
A4AH4P18A1B60B	1.5	45.02	18.50	21.13	116	16.5 x 12.15	16.75 x 18.75	FCCV ^①	③	¾	⅜
A4AH4P24A1B60B	2.0	45.02	18.50	21.13	116	16.5 x 12.15	16.75 x 18.75	FCCV ^①	③	¾	⅜
A4AH4P30A1B60B	2.5	45.02	18.50	21.13	116	16.5 x 12.15	16.75 x 18.75	FCCV ^①	③	¾	⅜
A4AH4P36A1B30B	3.0	45.02	18.50	21.13	116	16.5 x 12.15	16.75 x 18.75	TXVNB ^②	③	¾	⅜
A4AH4P37A1C30B	3.0	51.27	23.50	21.13	145	21.5 x 12.15	21.75 x 18.75	TXVNB ^②	③	7/8	⅜
A4AH4E42A1C30B	3.5	51.27	23.50	21.13	145	21.5 x 12.15	21.75 x 18.75	TXVNB ^②	③	7/8	⅜
A4AH4E48A1C30B	4.0	51.27	23.50	21.13	145	21.5 x 12.15	21.75 x 18.75	TXVNB ^②	③	7/8	⅜
A4AH4E60A1C30B	5.0	51.27	23.50	21.13	145	21.5 x 12.15	21.75 x 18.75	TXVNB ^②	③	7/8	⅜

① 1.5, 2, and 2.5 ton air handlers shipped with a Fixed Metering Device (Flow Control Check Valve - FCCV). Some rated combinations require a TXV kit, ordered separately. See the coil Installer's Guide for Orifice and TXV matches.

② Start Kit may be required on outdoor unit.

③ Filter not supplied. Remote filter required.



**A4AH6
Multi-position
Air Handlers**

Table AMAH-1-B — R-410A 16 SEER Multi-position Air Handlers 208-230/1/60

Model Number	Cooling Capacity (Btuh)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Supply Opening	Return Opening	Refrigerant Control	Filter Sizes	Line Size (in)	
		H	W	D						Gas	Liquid
A4AH6E19A1B30A	18000	45	18.5	21	116	16.5 x 12.15	16.75 x 18.75	TXV	①	¾	⅜
A4AH6E31A1B30A	30000	46.8	18.5	21	145	16.5 x 12.15	16.75 x 18.75	TXV	①	¾	⅜
A4AH6E43A1C30A	42000	51.3	23.5	21	155	21.5 x 12.15	21.75 x 18.75	TXV	①	7/8	⅜
A4AH6E49A1C30A	48000	55.9	23.5	21	185	21.5 x 12.15	21.75 x 18.75	TXV	①	7/8	⅜
A4AH6E61A1C30A	60000	55.9	23.5	21	185	21.5 x 12.15	21.75 x 18.75	TXV	①	7/8	⅜
A4AH6V24A1B30A	24000	46.8	18.5	21	126	16.5 x 12.15	16.75 x 18.75	TXV	①	¾	⅜
A4AH6V30A1B30A	30000	46.8	18.5	21	126	16.5 x 12.15	16.75 x 18.75	TXV	①	¾	⅜
A4AH6V36A1C30A	36000	51.3	23.5	21	155	21.5 x 12.15	21.75 x 18.75	TXV	①	7/8	⅜
A4AH6V42A1C30A	42000	51.3	23.5	21	155	21.5 x 12.15	21.75 x 18.75	TXV	①	7/8	⅜
A4AH6V48A1D30A	48000	53.9	26.5	21	181	24.5 x 12.15	24.75 x 18.75	TXV	①	7/8	⅜
A4AH6V60A1D30A	60000	53.9	26.5	21	181	24.5 x 12.15	24.75 x 18.75	TXV	①	7/8	⅜
A4AH6V48A1C30B	48000	55.9	23.5	21	185	21.5 x 12.15	21.75 x 18.75	TXV	①	7/8	⅜
A4AH6V60A1C30B	60000	55.9	23.5	21	185	21.5 x 12.15	21.75 x 18.75	TXV	①	7/8	⅜

① Filter not supplied. Remote filter required

Note: These Air Handlers are A.H.R.I. certified with various Split System Air Conditioners and Heat Pumps (AHRI STANDARD 210/240). Refer to the Split System Outdoor Unit Product Data Guides for performance data.

Split System Air Handlers

Single Phase 1½-5 Tons

Table AMAH-2-A — Features

	A4AH4	A4AH6
• Multi-Position Upflow / Downflow,* Horizontal Left / Right.....	✓	✓
• Unpainted galvanized metal cabinet with captured foil face insulation	✓	✓
• R-4.2 Insulating Value	✓	✓
• Wipeable interior design.....	✓	✓
• 2% or less air leakage.....	✓	✓
• All Aluminum Coil with Enhanced Patented Coil Fin.....	✓	✓
• Factory installed orifice with mechanical connections on both sides	1.5-2.5	—
• Factory installed R-410A Thermal Expansion Valve with mechanical connections on both sides.....	3.0-5.0	✓
• Optional field installed TXV kits with mechanical fittings for higher performance.....	1.5-2.5	—
• PSC Motor	1.5-3.0	—
• Constant Torque ECM Motor	3.5-5.0	A4AH6E
• VSPD ECM Motor	—	A4AH6V
• Electric Heaters with polarized plug connections (sold as accessory & field installed)	✓	✓
• Low Voltage Pigtail Connections	✓	✓
• Fused 24V Power.....	✓	✓
• Maximum Width 23.5".....	✓	—
• Compact depth.	21"	21"
• Draw through design	✓	✓
• Approved for manufactured/mobile home use	✓	✓
• 5-year functional parts limited warranty/No Registration Required	✓	✓
• 10-year functional parts warranty with product registration*	✓	✓
• Commercial Applications: Limited Warranty. 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 ameristarthvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

Table AMAH-2-B — Optional Accessories

Model Number	Description	Matches Cabinet Size(s)		
BAYTEMSPFG1	Supply Duct Flange Kit.....	18.5" and 23.5".....	✓	✓
BAYSPEKT201A	Single Point Power Entry Kit.....	18.5" and 23.5".....	✓	✓
TAYBASE185.....	Air Handler Downflow Sub-Bases	18.5"	✓	✓
TAYBASE235 (TAYBASE100) ..	Air Handler Downflow Sub-Bases	23.5"	✓	✓
BAYTEMDFKT1A.....	Downflow Condensate Management Kit.....	23.5"①.....	✓	✓
BAYAHMIKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor		✓	✓
TEMBRKSEALKT01A.....	Breaker Seal Kit for use with BAYHTR15 4kW 20 kW Heaters		✓	✓
BAYSF1185AAA.....	Slim Fit Filter Box Kit	18.5"	✓	✓
BAYSF1235AAA.....	Slim Fit Filter Box Kit	23.5"	✓	✓
FLRSF1185.....	1" Slim Fit Replacement Filter, 17.75"x19.75", Qty 12	18.5"	✓	✓
FLRSF1235.....	1" Slim Fit Replacement Filter, 22.75"x19.75", Qty 12.....	23.5"	✓	✓
BAY4TXV1830A	R-410A TXV kit.....		1½-2½	—
BAYATXV1836B	R-22 TXV conversion kit.....		1½-2½	—
BAYATXV4248B	R-22 TXV conversion kit.....		3-4	—
BAYATXV6161B	R-22 TXV conversion kit.....		5	—
BAY6TXV2442A	R-22 conversion kit for 2-3.5 Ton models.....		—	✓
BAY6TXV4860A	R-22 conversion kit for 4-5 Ton D models		—	✓
BAY6TXV6161C.....	R-22 conversion kit for 4-5 Ton C models		—	✓

① Downflow condensate management kit is required for 5 Ton downflow models.

Heaters for Split System Air Handlers

Table AMAH-3-A — BAYHTR15 — Heater, Standard, for A4AH4 Air Handlers

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYHTR1504BRKC	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYHTR1504LUGB	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	No
BAYHTR1505BRKC	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYHTR1505LUGB	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYHTR1508BRKC	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	Yes
BAYHTR1508LUGB	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	No
BAYHTR1510BRKC	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	Yes
BAYHTR1510LUGB	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	No
BAYHTR1515BRKB	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR1516BRKA	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR1517BRKA	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR1519BRKB	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1520BRKB	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1521BRKB	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1522BRKA	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1523BRKA	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1525BRKA	24.0	81900	18.0	61600	208/240/1/60	2	4	2	86.4	100	Yes

Table AMAH-3-B — BAYHTR35 — Heater, 3-Phase, for A4AH4 Air Handlers

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYHTR3510LUGC	9.60	32800	7.20	24600	208/240/3/60	1	3	1	20.0	23.1	No
BAYHTR3515LUGC	14.4	49200	10.8	36900	208/240/3/60	1	3	1	30.0	34.6	No
BAYHTR3517LUGA	14.4	49200	10.8	36900	208/240/3/60	1	3	1	30.0	34.6	No

BRK = Contains circuit breakers

LUG = Lug connections

① 3-Phase - W1 and W2 must be jumpered at low voltage connector

Table AMAH-3-C — A4AH4 Air Handler and Heater matches

AIR HANDLER	HEATER MATRIX				
	HEATER MODEL NUMBER				
MODEL NUMBER	BAYHTR1504BRKC BAYHTR1504LUGB 3.84 Kw BK BAYHTR1505BRKC BAYHTR1505LUGB 4.80 Kw BK	BAYHTR1508BRKC BAYHTR1508LUGB 7.68 Kw BK BAYHTR1510BRKC BAYHTR1510LUGB 9.60 Kw BK	BAYHTR1517BRKA BAYHTR3517LUGA 14.40 Kw BK	BAYHTR1523BRKA 19.20 Kw BK	BAYHTR1525BRKA 24.00 Kw BK
A4AH4P18A1B60A	Y	Y	--	--	--
A4AH4P24A1B60A	Y	Y	Y	--	--
A4AH4P30A1B60A	Y	Y	Y	Y	--
A4AH4P36A1B30A	Y	Y	Y	Y	Y
A4AH4P37A1C30A	Y	Y	Y	Y	Y
A4AH4E42A1C30A	Y	Y	Y	Y	Y
A4AH4E48A1C30A	Y	Y	Y	Y	Y
A4AH4E60A1C30A	Y	Y	Y	Y	Y
A4AH6E19A1B30A	Y	Y	Y	Y	Y
A4AH6V24A1B30A	Y	Y	Y	Y	Y
A4AH6V30A1B30A	Y	Y	Y	Y	Y
A4AH6E31A1B30A	Y	Y	Y	Y	Y
A4AH6V36A1C30A	Y	Y	Y	Y	Y
A4AH6V42A1C30A	Y	Y	Y	Y	Y
A4AH6E43A1C30A	Y	Y	Y	Y	Y
A4AH6E49A1C30A	Y	Y	Y	Y	Y
A4AH6E61A1C30A	Y	Y	Y	Y	Y
A4AH6V48A1C30B	Y	Y	Y	Y	Y
A4AH6V60A1C30B	Y	Y	Y	Y	Y

TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons



Table AMAH-4-A — TMM5 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, ECM Motor, Factory installed R-410A TXV, all aluminum coil, Cooling & Limited Heating

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Sizes	Line Size	
						Gas	Liquid
TMM5B0A24M21SA	24000	36.5 x 20.5 x 15.0	93	15 x 9.5	①	3/4	3/8
TMM5B0B30M21SA	30000	39.5 x 22.0 x 19.0	115	19 x 9.5	①	3/4	3/8
TMM5B0B36M31SA	36000	39.5 x 22.0 x 19.0	115	19 x 9.5	①	3/4	3/8

Table AMAH-4-B — TMM4 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, PSC Motor, Factory installed R-410A orifice, all aluminum coil, Cooling & Heating

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Sizes	Line Size	
						Gas	Liquid
TMM4B0A18S21SA	18000	36.5 x 20.5 x 15.0	97	15 x 9.5	1	3/4	3/8
TMM4B0A24S21SA	24000	36.5 x 20.5 x 15.0	97	15 x 9.5	1	3/4	3/8
TMM4B0B30S21SA	30000	39.5 x 22.0 x 19.0	119	19 x 9.5	1	3/4	3/8
TMM4B0B36S31SA	36000	39.5 x 22.0 x 19.0	119	19 x 9.5	1	3/4	3/8

① Filter not supplied. Remote filter required.

Table AMAH-4-C — Features

	TMM5B 2-3	TMM4B 1-1/2-3
• Painted metal cabinet with captured foil face insulation	✓	✓
• 2% or less air leakage.....	✓	✓
• All aluminum coil.....	✓	✓
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) with fan-off time delay programming	✓	—
• PSC Motor	—	✓
• Limited HP matched system ratings	—	✓
• R-4.2 Insulating Value	✓	✓
• Upflow only	✓	✓
• Front return option	✓	✓
• High Efficiency Copper / Aluminum Coil	✓	✓
• Electric Heaters with polarized plug connections (sold as accessory).....	✓	✓
• R-410A Thermal Expansion Valve.....	✓	—
• Low Voltage Pigtail Connections	✓	✓
• Single Color	✓	✓
• Fused 24V Power	✓	✓
• Wipeable interior design.....	✓	✓
• Maximum Height 39.5"	✓	✓
• Maximum Width 22"	✓	✓
• Compact 22" depth.....	✓	✓
• Optional R-22 and R-410A TXV kits (sold as accessory)	✓	✓
• 10-year functional parts warranty with product registration	✓	✓
• Commercial Applications: Limited Warranty. 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 ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons

Table AMAH-5-A — Optional Accessories

Model Number	Description	TMM5B	TMM4B
4AYTXVH3G2436A.....	R-410A TXV kit 1-1/2 to 3 ton	—	✓
2AYTXVH3G2436A.....	R-22 TXV conversion kit 1-1/2 to 3 ton	✓	✓
BAYFRTLLOUPNL20	Front louver panel 20.5" width.....	—	✓
BAYFRTLLOUPNL22	Front louver panel 22.0" width.....	✓	✓
BAYTMMWALLPNL1...	Return air / service wall panel (Qty 20).....	✓	✓

Heaters for TMM Split System Air Handlers

Table AMAH-5-B — BAYHTRM — Heater, Standard, for TMM Air Handlers

Heater Model Number	Capacity@ 240 Volts		Capacity@ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYHTRM505BRK	5.0	17100	3.8	12800	208/240/1/60	1	1	1	18	20.8	Yes
BAYHTRM508BRK	7.5	25600	5.6	19200	208/240/1/60	1	1	1	27.1	31.2	Yes
BAYHTRM510BRK	10.0	34100	7.5	25600	208/240/1/60	1	2	1	36.1	41.7	Yes

Split System – Cased Heat Pump and Cooling Coils



**4MXC
Multi-Position
Cased Coils**

Table AMCOIL-1-A — Aluminum Single Stage Cased Coil (Upflow/Downflow/Horizontal) R-410A Refrigerant

Model Number	Cooling Capacity Range (Tons)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
4MXCA003AC6HCB	1.5 - 3.0	A	FCCV ^①	13 x 19	20 x 14.5 x 21	51	3/4	3/8
4MXCB004AC6HCB	1.5 - 3.0	A	FCCV ^①	16 x 19	20 x 17.5 x 21	55	3/4	3/8
4MXCC005AC6HCB	2.5 - 3.0	A	FCCV ^①	19 1/2 x 19	20 x 21 x 21	59	3/4	3/8
4MXCB006AC6HCB	3.0 - 4.0	A	FCCV ^①	16 x 19	26 x 17.5 x 21	66	7/8	3/8
4MXCC007AC6HCB	3.0 - 4.0	A	FCCV ^①	19 1/2 x 19	26 x 21 x 21	70	7/8	3/8
4MXCD008AC6HCB	3.5 - 4.0	A	FCCV ^①	23 x 19	26 x 24.5 x 21	74	7/8	3/8
4MXCC009AC3HCB	3.5 - 5.0	A	FCCV ^①	19 1/2 x 19	30 x 21 x 21	91	7/8	3/8
4MXCD010AC3HCB	3.5 - 5.0	A	FCCV ^①	23 x 19	30 x 24.5 x 21	95	7/8	3/8
4MXCB016AC6HCB ^②	3.0 - 4.0	A	FCCV ^①	16 x 19	30 x 17.5 x 21	82	7/8	3/8
4MXCC017AC6HCB ^②	3.0 - 4.0	A	FCCV ^①	19 1/2 x 19	30 x 21 x 21	88	7/8	3/8
4MXCD018AC6HCB ^②	3.5 - 4.0	A	FCCV ^①	23 x 19	30 x 24.5 x 21	92	7/8	3/8

① All coils shipped with a Fixed Metering Device (Flow Control Check Valve - FCCV). Some rated combinations require a TXV kit, ordered separately. See the coil Installer's Guide for Orifice and TXV matches.

② Enhanced models for use in heating.

Will be transitioning to unpainted cabinet during 2022.

Table AMCOIL-1-B — Features

	4MXC
• All aluminum coil.....	✓
• 100% foil lined insulation	✓
• Factory installed fixed orifice. Additional orifices supplied.	✓
• Optional accessory TXV Kit with mechanical fittings available for higher performance ratings ①.....	✓
• Easy case attachment to furnace	✓
• Upflow application	✓
• Downflow application.....	✓
• Horizontal Right application	✓
• Horizontal Left application	✓
• Single sloped non-corrosive drain pan	✓
• Unpainted galvanized steel cabinet.....	✓
• 10-year limited warranty on coil, & all other functional parts, with registration*	✓
• Commercial Applications: Limited Warranty Coil and Parts 1 year	✓

① Reference AHRI ratings to find correct TXV kit or reference Product Data for additional information.

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

Split System – Cased Heat Pump and Cooling Coils

Table AMCOIL-2-A — Refrigerant TXV Kits for 4MXC Coils

Tons	R-410A TXV Kit (If required)	R-22 TXV Kit (If required)
1.5-3.0	4AYTXVH3G2436A	2AYTXVH3G2436A
3.5-4.0	4AYTXVH3G4248A	2AYTXVH3G4248A
5	4AYTXVH3G6000A	2AYTXVH3G6000A

Note: Additional R-22 Kit combinations can be found in the Accessories section.

Table COIL-2-B — Orifice kit table for 4MXC coils

Outdoor Unit Capacity (Tons)	Orifice Size (R410A)	Orifice Kit	Orifice Size (R22)	Orifice Kit
1.5	0.052	MAYORIACHP0052B	0.052	MAYORIACHP0052B
2	0.058	MAYORIACHP0058B	0.058	MAYORIACHP0058B
2.5*	0.063 / 0.065	MAYORIACHP0063B / 065A	0.065	MAYORIACHP0065A
3	0.070	MAYORIACHP0070B	0.072	MAYORIACHP0072B
3.5	0.075	MAYORIACHP0075B	0.078	MAYORIACHP0078B
4	0.083	MAYORIACHP0083B	0.088	MAYORIACHP0088B
5	0.090	MAYORIACHP0090B	0.096	MAYORIACHP0096B

Note: Orifice size needed for system combination may not be pre-installed. See Table 1 in coil Installation Manual for pre-installed size.

* Necessary Orifice sizes varies for this tonnage. See Table 3 in coil Installation Manual.

A801X - Single Stage, ECM



**A801X
Gas Furnace**

Table AMFUR-1-A — A801X, Constant Torque ECM, 1 stage, 80% AFUE Gas Furnace

Model Number	CA Low NOx Model Number ^②	Input (BTUH)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
A801X026AM2SCA	A801X026AM2TCA	26,000	80.0	4	①	34	14.5	28.75	102	15	14x25x1
A801X040BM2SCA	A801X040BM2TCA	40,000	80.0	4	①	34	14.5	28.75	102	15	14x25x1
A801X040AM3SCA	A801X040AM3TCA	40,000	80.0	4	①	34	17.5	28.75	128	15	16x25x1
A801X060BM4SCA	A801X060BM4TCA	60,000	80.0	4	①	34	17.5	28.75	132	15	16x25x1
A801X080BM4SCA	A801X080BM4TCA	80,000	80.0	4	①	34	17.5	28.75	137	15	16x25x1
A801X080CM5SCA	A801X080CM5TCA	80,000	80.0	4	①	34	21	28.75	142	15	20x25x1
A801X100CM5SCA	A801X100CM5TCA	100,000	80.0	4	①	34	21	28.75	144	15	20x25x1
A801X120DM5SCA	A801X120DM5TCA	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 AMFUR-1-B — High Altitude Pressure Switch A801X Furnaces

Model Number	Description	Used With	Shipping Weight
BAYSWT14AHALTB	1 Switch	A801X080CM5SCA ^① , A801X100CM5SCA ^①	2
BAYSWT15AHALTA	1 Switch	A801X060BM3SCA ^① , A801X060BM4SCA ^① , A801X080BM4SCA ^①	2
BAYSWT20AHALTA	1 Switch	A801X026AM2SCA ^①	2
BAYSWT21AHALTA	1 Switch	A801X040AM3SCA ^① , A801X040BM2SCA ^①	2

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

① SAC and TAC or later

A801X - Single Stage, ECM

Table AMFUR-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 ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

Table AMSC-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	✓
BAYVENT600A①	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.

Comfort Controls — See Comfort Controls/Zone Sensors Section

A951X - Single Stage, ECM



A951X
Gas Furnace

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

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

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

Model Number	Input (BTUH)		ICS AFUE ^②	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
A951X040BD3SAB	40,000		96.0 ^③	2, 3, 4	①	34	17.5	28.75	122	15	(2) 14x20x1
A951X060BD3SAB	60,000		96.0 ^③	2, 3, 4	①	34	17.5	28.75	127	15	(2) 14x20x1
A951X080BD4SAB	80,000		95.0 ^③	2, 3, 4	①	34	17.5	28.75	135	15	(2) 14x20x1
A951X100CD5SAB	100,000		96.0 ^③	2, 3, 4	①	34	21	28.75	155	15	(2) 16x20x1
A951X120DD5SAB	120,000		95.0 ^③	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 AMFUR-3-C — A952V Variable Speed, 2 Stage, 96% AFUE, Upflow Gas Furnace

Model Number	Input (BTUH)		ICS AFUE ^②	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A952V040BU3SAC	26,000	40,000	96.0 ^③	2, 3, 4	①	34	17.5	28.75	122	15	16x25x1
A952V060BU3SAC	39,000	60,000	96.0 ^③	2, 3, 4	①	34	17.5	28.75	127	15	16x25x1
A952V060BU4SAC	39,000	60,000	96.0 ^③	2, 3, 4	①	34	17.5	28.75	130	15	16x25x1
A952V080BU4SAC	52,000	80,000	96.0 ^③	2, 3, 4	①	34	17.5	28.75	135	15	16x25x1
A952V080CU5SAC	52,000	80,000	96.0 ^③	2, 3, 4	①	34	21	28.75	149	15	20x25x1
A952V100CU4SAC	65,000	100,000	96.0 ^③	2, 3, 4	①	34	21	28.75	154	15	20x25x1
A952V100CU5SAC	65,000	100,000	96.0 ^③	2, 3, 4	①	34	21	28.75	155	15	20x25x1
A952V120DU5SAC	78,000	120,000	96.0 ^③	3, 4	①	34	24.5	28.75	167	15	24x25x1

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

Model Number	Input (BTUH)		ICS AFUE ^②	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A952V040BD3SAC	26,000	40,000	96.0 ^③	2, 3, 4	①	34	17.5	28.75	122	15	14x20x1
A952V060BD3SAC	39,000	60,000	96.0 ^③	2, 3, 4	①	34	17.5	28.75	127	15	14x20x1
A952V080BD4SAC	52,000	80,000	96.0 ^③	2, 3, 4	①	34	17.5	28.75	135	15	14x20x1
A952V100CD4SAC	65,000	100,000	96.0 ^③	2, 3, 4	①	34	21	28.75	154	15	16x20x1
A952V100CD5SAC	65,000	100,000	96.0 ^③	2, 3, 4	①	34	21	28.75	155	15	16x20x1
A952V120DD5SAC	78,000	120,000	96.0 ^③	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 AMFUR-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 ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

95+% AFUE Furnaces

Table AMSC-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.

Packaged Cooling Convertible 2-5 Tons



4TCA4

Table AMPK-1-A — 14 SEER - 4TCA4 Convertible Packaged Cooling - R-410A

Model Number	Cooling Capacity (BTUH) ①	SEER/EER	Shipping Weight (lbs.)	MCA ②	Max. Fuse	Sound Rating	Uncrated Dimensions (in.)		
							H	W	D
4TCA4024A1000A	23,000	14.0/11.5	364	17	25	77	36.15	60.81	34.90
4TCA4030A1000A	29,000	14.0/11.5	364	20	30	77	36.15	60.81	34.90
4TCA4036A1000A	35,000	14.0/11.5	380	24	35	79	36.15	60.81	34.90
4TCA4042A1000A	41,000	14.0/11.5	430	31	50	79	36.15	60.81	34.90
4TCA4048A1000A	47,000	14.0/11.5	530	32	50	79	41.15	60.81	34.90
4TCA4060A1000A	57,000	14.0/11.5	551	40	60	78	41.15	60.81	34.90

① Rated in accordance with AHRI Standard 210/240.

② Calculated in accordance with currently prevailing Nat'l Electrical Code.

Packaged Cooling Convertible 2-5 Tons

Table AMPK-2-A — Features

	4TCA4
• SEER up to	14.00
• All-aluminum coil	2-4
• Copper Tube/Aluminum Fin outdoor coil (5-Ton only)	5
• Ease of installation with small footprint.....	✓
• Designed to accommodate manufactured homes.....	✓
• Fits low lot lines.....	✓
• 10-year compressor & coil, 5-year all other functional parts limited warranty with registration* (Residential Use)	✓
• Extended warranties available	✓

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

Table AMPK-2-B — Optional Accessories

Model Number	Description	Used with Accessory	
BAYUTIL103A	Through the Base Utilities Curb Extension		2-5
BAYCCHT102A	Crankcase Heater		3.5-5
BAYCCHT103A	Crankcase Heater		3
BAYLOAM105A	Low Ambient Cooling Control Kit		2-5
BAYQSTK301AB	Quick Start Kit		3-5
BAYSQRD001A	Square to Round Adaptor Kit		2-3
BAYSQRD002A	Square to Round Adaptor Kit		3.5-5
BAYEXMK001A	Extreme Condition Mounting Kit	BAYCURB	2-5
BAYEXMK002B	Extreme Condition Mounting Kit	BAYUTIL	2-5
BAYEXMK003A	Extreme Condition Mounting Kit	Used on slab mounts	2-5
BAYSPEK071	Single Power Entry Kit	BAYHTR1V15, BAYHTR1V20	2.5-5
BAYSPEK072	Single Power Entry Kit	BAYHTR1V05, BAYHTR1V08, BAYHTR1V10	2-5

Model Number	Description	Matched with Accessory Heater	4TCA4
BAYSPEK071	Single Power Entry Kit	BAYHTR1V15	2.5-5
		BAYHTR1V20	4-5
BAYSPEK072	Single Power Entry Kit	BAYHTR1V05	2-5
		BAYHTR1V08	2-5
		BAYHTR1V10	2-5

Electric Heaters

Model Number	Description	4TCA4
BAYHTR1V05LUGAA	5 KW Heater	2-5
BAYHTR1V08LUGAA	8 KW Heater	2-5
BAYHTR1V10LUGAA	10 KW Heater	2-5
BAYHTR1V15BRKAA	15 KW Heater	2.5-5
BAYHTR1V20BRKAA	20 KW Heater	4-5

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.

Packaged Heat Pump Convertible 2-5 Tons



4WCA4

Table AMPK-3-A — 14 SEER - 4WCA4 Convertible Packaged Heat Pump - R-410A

Model Number	Capacity (tons)	SEER	Cooling / Heating Capacity	HSPF	Shipping Weight (lbs.)	MCA ②	Max. Fuse	Sound Rating	Uncrated Dimensions (in.)		
									H	W	D
4WCA4024A1000A	2	14.0	23600 / 22000	8.0	390	22	35	76	36.15	60.81	34.90
4WCA4030A1000A	2.5	14.0	29000 / 27200	8.0	400	25	35	79	36.15	60.81	34.90
4WCA4036A1000A	3	14.0	35000 / 32600	8.0	405	30	45	79	36.15	60.81	34.90
4WCA4042A1000A	3.5	14.0	41000 / 37200	8.0	472	33	50	79	36.15	60.81	34.90
4WCA4048A1000A	4	14.0	47000 / 43500	8.0	517	35	50	79	41.15	60.81	34.90
4WCA4060A1000A	5	14.0	56500 / 53500	8.0	518	42	60	79	41.15	60.81	34.90

Packaged Heat Pump Convertible 2-5 Tons

Table AMPK-4-A — Features

	4WCA4
• SEER up to	14.00
• Copper Tube/Aluminum Fin outdoor coil	2-5
• Ease of installation with small footprint.....	✓
• Designed to accommodate manufactured homes.....	✓
• Fits low lot lines.....	✓
• 10-year compressor & coil, 5-year all other functional parts limited warranty with registration* (Residential Use)	✓
• Extended warranties available	✓

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

Table AMPK-4-B — Optional Accessories

Model Number	Description	Used with Accessory	
BAYCURB060A	Flat Roof Full Perimeter Curb		2-5
BAYUTIL103A	Roof Curb Utility Extension Kit.....		2-5
BAYCCHT102A	Crankcase Heater		3.5-5
BAYCCHT103A	Crankcase Heater		2-3
BAYLOAM105A	Low Ambient Control Kit		2-5
TAYSTAT250C	Outdoor Thermostat Kit.....		2-5
BAYQSTK301A	Start Kit (Scroll).....		2-5
BAYSQRD001B.....	16" Round Duct Adapter		2-3
BBAYSQRD002B	18" Round Duct Adapter		3.5-5
BAYEXMK001A	Extreme Condition Mounting Kit	BAYCURB	2-5
BAYEXMK002B	Extreme Condition Mounting Kit	BAYUTIL	2-5
BAYEXMK003A	Extreme Condition Mounting Kit	Slab mounting	2-5

Model Number	Description	Matched with Accessory Heater	4WCA4
BAYSPEK070A	Single Power Entry Kit	BAYHTR1V05	3.5-5
		BAYHTR1H08	2-5
		BAYHTR1H10	2-5
BAYSPEK071A	Single Power Entry Kit	BAYHTR1H15	3-5
		BAYHTR1H20	5
BAYSPEK072A	Single Power Entry Kit	BAYHTR1V05	2-3

Electric Heaters

Model Number	Description	4WCA4
BAYHTR1V05LUGAA	Electric heater 5 KW	2-5
BAYHTR1H08LUGAA	Electric heater 7.5 KW	2-5
BAYHTR1H10LUGAA	Electric heater 10 KW	2-5
BAYHTR1H15BRKAA	Electric heater 15 KW	2.5-5
BAYHTR1H20BRKAA	Electric heater 20 KW	4-5

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.

Packaged Gas/Electric Convertible 2-5 Tons



4YCA4

Table AMPK-5-A — 14 SEER - 4YCA4 Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTUH) ①	Heating Capacity Input/Output	SEER/EER	AFUE (%)	Shipping Weight (lbs.)	MCA ②	Max. Fuse	Sound Rating	Uncrated Dimensions (in.)		
									H	W	D
4YCA4024A1000A									36.15	60.81	34.90
4YCA4030A1000A									36.15	60.81	34.90
4YCA4036A1000A									36.15	60.81	34.90
4YCA4042A1000A									36.15	60.81	34.90
4YCA4048A1000A									41.15	60.81	34.90
4YCA4060A1000A									41.15	60.81	34.90

① Rated in accordance with AHRI Standard 210/240.

② Calculated in accordance with currently prevailing Nat'l Electrical Code.

COMING SOON