

Part No.	Reference No.	Quantity	Description
75012583#M4AH4UP1~S	*		COIL ASSEMBLIES
75012584#M4AH4UP1~S	*		FAN ASSY & E-PART BOX ASSY
M4AH4UP1_M4AH4UP1_193902~P	*		M4AH4UP1 PARTS LIST
75012589#M4AH4UP1~S	*		MODEL NOMENCLATURE
75013036#M4AH4UP1~S	*		OPTIONAL TXV KITS
75013067#M4AH4UP1~S	*		ORIFICE KIT CHART
75012582#M4AH4UP1~S	*		PANELS, AIR DUCT, DRAIN PAN

NO GRAPHIC AVAILABLE

75013702

REV
A

**NO
GRAPHIC
AVAILABLE**

MODEL NOMENCLATURE

75012589

REV
A

All Aluminum

Model Number Example

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

Digit 1 = Brand Name

M = Ameristar

Digit 2 = Refrigerant

2 = R22

4 = R410A

Digit 3-4 = Unit Type

AH = Air Handler

Digit 5 = Efficiency Tier

3 - 13 SEER

4 - 14 SEER

Digit 6 = Motor Type

P - PSC Motor

E - ECM Motor

Digit 7,8 = Tonnage (Nominal Capacity)

18 = 1.5 ton

25 = 2.0 ton

26 = 1.5 - 2.5 ton

32 = 2.5 ton

36 = 3.0 ton

37 = 2.5 - 3.0 ton

44 = 3.5 ton

48 = 4.0 ton

60 = 5.0 ton

61 = 3.5 - 5.0 ton

Digit 9 = Major Development Sequence

Alphabet Letter; "A" through "Z"

Digit 10 = Electric Power Supply Characteristics

1 = 200-230V/1PH/60Hz

2 = 208-230V/1PH/60Hz

Digit 11 = Cabinet Width

A = 18.125

B = 19.625

C = 22.0

Digit 12,13 = Not Used at This Time

00 = Not Used at This Time

Digit 14,15 = Minor Design Sequence - Design Change

Alphabet Letter; "A" through "Z"

Part No.	Reference No.	Quantity	Description
75012589_M4AH4UP1_193908-P	*		MODEL NOMENCLATURE PARTS LIST

MODEL NOMENCLATURE

75012589

REV
A

All Aluminum

Model Number Example

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

Digit 1 = Brand Name
M = Ameristar

Digit 2 = Refrigerant
2 = R22
4 = R410A

Digit 3-4 = Unit Type
AH = Air Handler

Digit 5 = Efficiency Tier
3 - 13 SEER
4 - 14 SEER

Digit 6 = Motor Type
P - PSC Motor
E - ECM Motor

Digit 7,8 = Tonnage (Nominal Capacity)
18 = 1.5 ton
25 = 2.0 ton
26 = 1.5 - 2.5 ton
32 = 2.5 ton
36 = 3.0 ton
37 = 2.5 - 3.0 ton
44 = 3.5 ton
48 = 4.0 ton
60 = 5.0 ton
61 = 3.5 - 5.0 ton

Digit 9 = Major Development Sequence
Alphabet Letter; 'A' through 'Z'

Digit 10 = Electric Power Supply Characteristics
1 = 200-230V/1PH/60Hz
2 = 208-230V/1PH/60Hz

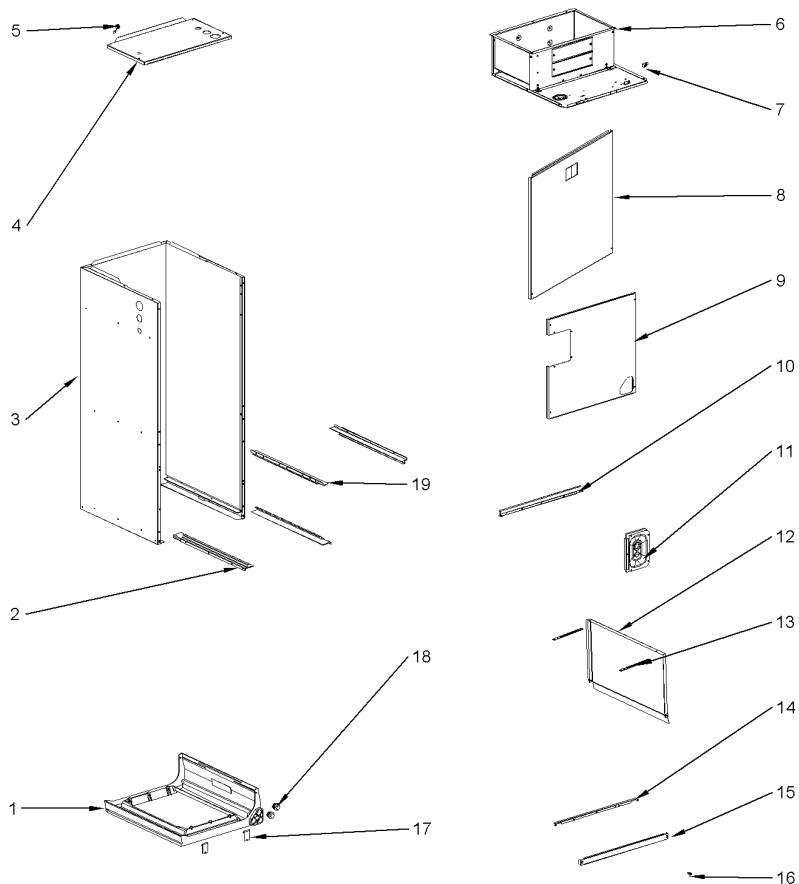
Digit 11 = Cabinet Width
A = 18.125
B = 19.625
C = 22.0

Digit 12,13 = Not Used at This Time
00 = Not Used at This Time

Digit 14,15 = Minor Design Sequence - Design Change
Alphabet Letter; 'A' through 'Z'

ALL ALUMINUM PANELS, AIR DUCT & DRAIN PAN 75012582
3.5 TON THRU 5 TON (P44, P48, P60)

REV.
A



All orderable Service Parts are identified for this product.

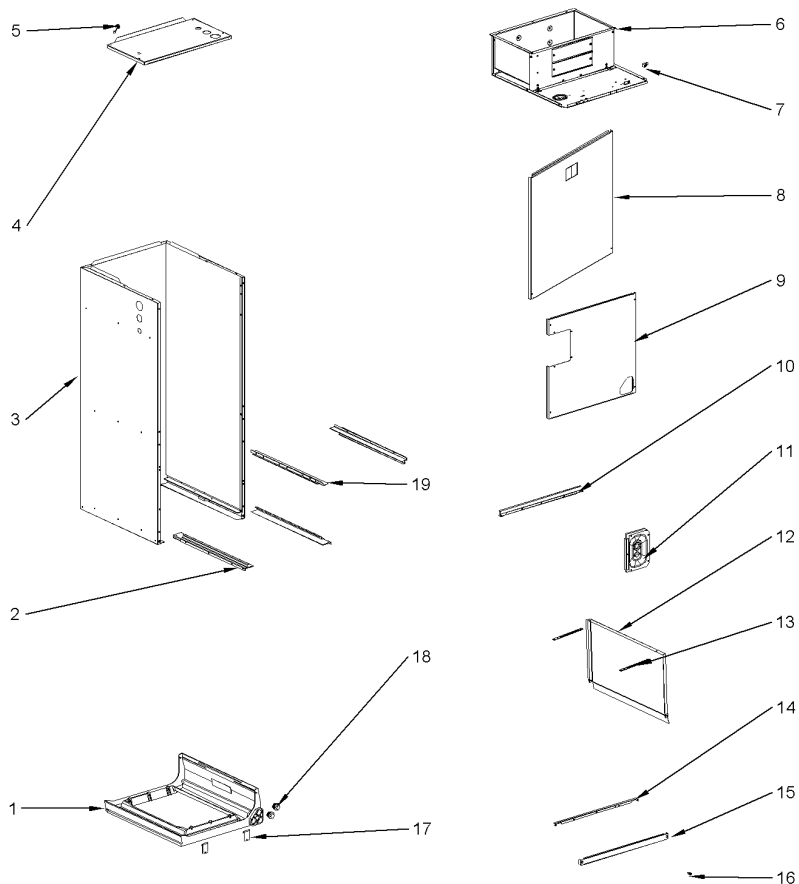
Parts that are not identified, will not be available to order.

This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75012582_M4AH4UP1_282379-P	*		PANELS, AIR DUCT, DRAIN PAN PARTS LIST

ALL ALUMINUM PANELS, AIR DUCT & DRAIN PAN 75012582
3.5 TON THRU 5 TON (P44, P48, P60)

REV.
A



All orderable Service Parts are identified for this product.

Parts that are not identified, will not be available to order.

This is a typical illustration. The unit in the field may not appear exactly as shown.

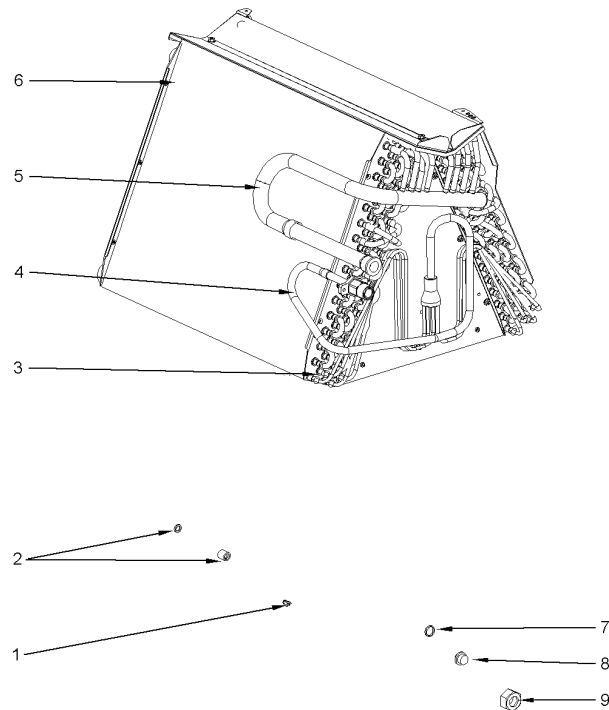
Part No.	Reference No.	Quantity	Description
PAN04045	1	1	PAN; DRAIN PAN BOTTOM, UPFLOW
SUP06420	2	2	SUPPORT; DRAIN PAN
BAS02846	3	1	BASE; MAIN CABINET
BAF01439	4	1	BAFFLE; UNIT TOP
CMP01599	5	1	CLAMP;
DUC01523	6	1	DUCT; AIR DUCT ASSEMBLY
TER01703	7	1	LUG; GROUND LUG
PNL33869	8	1	PANEL; BLOWER
PNL35755	9	1	PANEL; COIL SIDE ASSEMBLY
SUP06419	10	1	SUPPORT; BAR
PLT06338	11	1	PLATE; COVER ASSEMBLY
PAN03985	12	1	PAN; DRAIN, HORIZONTAL
CMP01600	13	1	CLAMP; DRAINAGE PAN
SUP06423	14	1	SUPPORT; BAR
PLT06335	15	1	PLATE; COVER BOARD
BLT01036	16	2	BOLT;
SEP00335	17	2	SEPARATOR; WATER PAN CUSHION
PLU01290	18	2	PLUG; DRAIN PAN
SUP06418	19	2	SUPPORT; DRAIN PAN

ALL ALUMINUM EVAP COIL ASSY

75012583

REV.
A

1.5 TON THRU 5 TON (P18, P25, P32, P36, P44, P48 & P60)



All orderable Service Parts are identified for this product.

Parts that are not identified, will not be available to order.

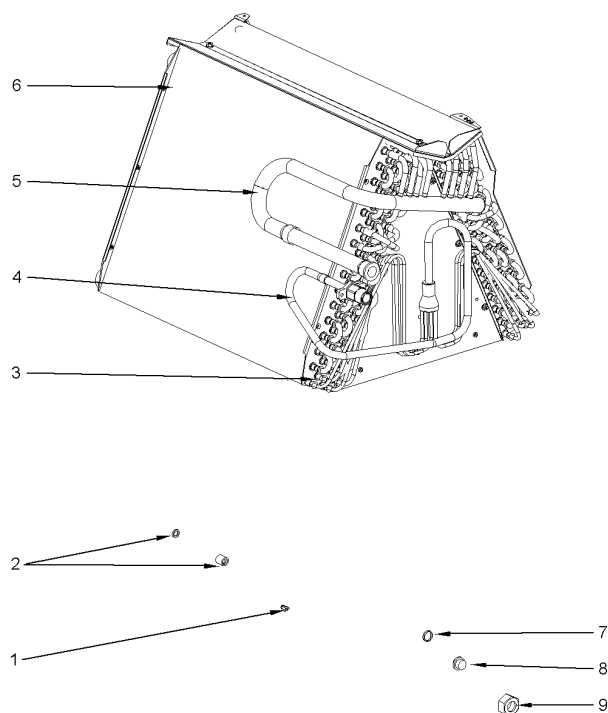
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75012583_M4AH4UP1_335782-P	*		COIL ASSEMBLIES PARTS LIST

75012583

REV
A

1.5 TON THRU 5 TON (P18, P25, P32, P36, P44, P48 & P60)



Parts that are not identified, will not be available to order.

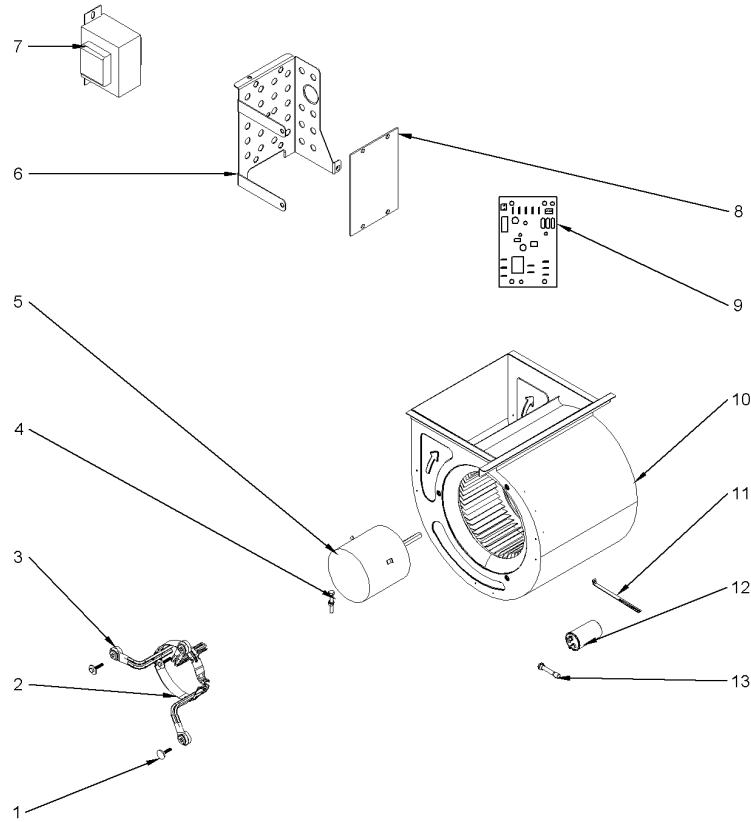
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
VAL18957	1	1	VALVE; THROTTLE
CNT07887	2	1	ORIFICE
COL28456	3	2	COIL; EVAPORATOR COIL SLAB
PIP02721	4	1	PIPE; EVAPORATOR INPUT ASSEMBLY
PIP02720	5	1	PIPE; OUTPUT ASSEMBLY
COL28451	6	1	COIL; ASSEMBLY
RNG02554	7	1	RING; SEALING
FLG01452	8	1	FLANGE
NUT01373	9	1	NUT;

ALL ALUMINUM FAN ASSY & E-PART ASSY
1.5 TON THRU 5 TON (P18, P25, P32, P36, P44, P48 & P60)

75012584

REV.
A



All orderable Service Parts are identified for this product.

Parts that are not identified, will not be available to order.

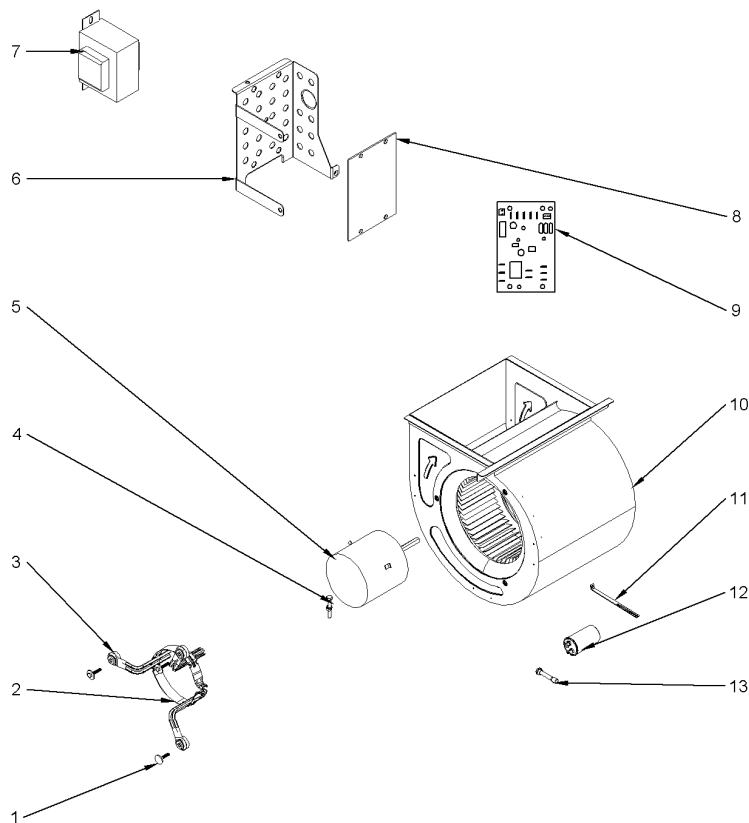
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75012584_M4AH4UP1_335783-P	*		FAN ASSY & E-PART BOX ASSY PARTS LIST

ALL ALUMINUM FAN ASSY & E-PART ASSY
1.5 TON THRU 5 TON (P18, P25, P32, P36, P44, P48 & P60)

75012584

REV.
A



All orderable Service Parts are identified for this product.

Parts that are not identified, will not be available to order.

This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
BLT01065	1	3	BOLT;
BND00919	2	1	BAND; BLOWER FAN MOTOR BELLY
BRK04780	3	3	BRACKET; BLOWER FAN MOTOR
BLT01064	4	1	BOLT;
MOT14559	5	1	MOTOR; BLOWER FAN; 1/2HP, 230V, 50/60HZ, 1PH; 145MM H 244 MM; CAPACITOR 10; 1075 RPM'S
PLT06337	6	1	PLATE; ELECTRIC INSTALLATION BOARD
TRR02928	7	1	TRANSFORMER;
BOX03618	8	1	BOX; CONTROL BOX ASSEMBLY
BRD05765	9a	1	BOARD; CONTROL
FUS02474	9b	1	FUSE;
IMP06225	10	1	ASSEMBLY; FAN BLOWER WHEEL AND HOUSING
CPT02517	12	1	CAPACITOR; FAN; 10UF/450V-P2(2000H)
CPL01420	13	1	TUBE; STUB TUBE, LIQUID LINE

Part No.	Reference No.	Quantity	Description
75013036_M4AH4UP1_282382-P	*		OPTIONAL TXV KITS PARTS LIST

75013036

REV
A

M4AH4E & M4AH4P

O.D. Unit Capacity (Tons)	R410a TXV Kit
1.5 - 3.0	4AYTXVH3G2436A
3.5 - 4.0	4AYTXVH3G4248A
5.0	4AYTXVH3G6000A

Parts that are not identified, will not be available to order.

This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
4AYTXVH3G4248A	*	1	KIT-R410A TXV

All Aluminum

75013067

REV
A

Orifice Kit Chart

Orifice Sizes for M4AH4 Convertible Air Handler with All-Aluminum Coil														
Indoor	Outdoor	MAYORIAHP0050A	MAYORIAHP0052B	MAYORIAHP0056A	MAYORIAHP0058B	MAYORIAHP0063B	MAYORIAHP0065A	MAYORIAHP0068A	MAYORIAHP0070B	MAYORIAHP0073A	MAYORIAHP0075B	MAYORIAHP0076A	MAYORIAHP0083B	MAYORIAHP0090A
M4AH4P18B1A00AA	M4AC3018B1		X											
	M4AC4018D1		X											
	M4HP4018C1	X*												
M4AH4P25B1B00AA	M4AC3024B1				X									
	M4AC4024D1				X									
	M4HP4024B1				X									
	M4HP4024C1			X*										
M4AH4P32B1B00AA	M4AC3030B1						X							
	M4AC4030D1						X							
	M4HP4030B1					X*								
M4AH4P36B1B00AA	M4AC3036B1								X					
	M4AC4036D1								X					
	M4HP4036B1							X*						
M4AH4P44B1C00AA	M4AC3042B1										X			
	M4AC3043B1										X			
	M4AC4042D1										X			
	M4HP4042B1											X*		
M4AH4P48B1C00AA	M4AC3048B1												X*	
	M4AC4048D1												X*	
	M4HP4048B1												X*	
M4AH4P60B1C00AA	M4AC3060B1													X*
M4AH4E26B1A00AA	M4AC4018D1		X											
	M4AC4024D1			X										
	M4HP4018B1		X											
	M4HP4018C1		X											
M4AH4E37B1B00AA	M4AC4024D1				X									
	M4AC4030D1						X							
	M4AC4036D1								X					
	M4HP4024B1				X									
	M4HP4024C1				X									
M4AH4E61B1C00AA	M4HP4030B1						X							
	M4AC4036D1								X					
	M4AC4042D1									X				
	M4HP4036A1								X					
	M4HP4036B1								X					
	M4HP4042A1									X				
	M4HP4042B1									X				
	M4HP4048A1											X		
	M4HP4048B1												X	
	M4HP4060A1													X*
	M4HP4060B1													X*

X* = FACTORY INSTALLED ORIFICE SIZE

NOTE: Some combinations require a TXV. See AHRI for system combination ratings. Since the manufacturer has a policy of continuous product and product data improvement, if the system combination you are looking for is not listed, refer to the latest version of the product Installation Guide at www.AmeristarHVAC.com

All orderable Service Parts are identified for this product.

Parts that are not identified, will not be available to order. Last Updated 10/31/2018

This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75013067_M4AH4UP1_193910-P	*		ORIFICE KIT CHART PARTS LIST

All Aluminum

75013067

REV
A

Orifice Kit Chart

Orifice Sizes for M4AH4 Convertible Air Handler with All-Aluminum Coil														
Indoor	Outdoor	MAYORIACHP0050A	MAYORIACHP0052B	MAYORIACHP0056A	MAYORIACHP0058B	MAYORIACHP0063B	MAYORIACHP0065A	MAYORIACHP0068A	MAYORIACHP0070B	MAYORIACHP0073A	MAYORIACHP0075B	MAYORIACHP0076A	MAYORIACHP0083B	MAYORIACHP0090A
M4AH4P18B1A00AA	M4AC3018B1		X											
	M4AC4018D1		X											
	M4HP4018C1	X*												
M4AH4P25B1B00AA	M4AC3024B1				X									
	M4AC4024D1				X									
	M4HP4024B1				X									
M4AH4P32B1B00AA	M4HP4024C1			X*										
	M4AC3030B1						X							
	M4AC4030D1						X							
M4AH4P36B1B00AA	M4HP4030B1					X*								
	M4AC3036B1							X						
	M4AC4036D1							X						
M4AH4P44B1C00AA	M4HP4036B1							X*						
	M4AC3042B1									X				
	M4AC4042D1									X				
M4AH4P48B1C00AA	M4HP4042B1									X				
	M4AC3048B1												X*	
	M4AC4048D1												X*	
M4AH4P60B1C00AA	M4HP4048B1												X*	
	M4AC3060B1												X*	X*
M4AH4E26B1A00AA	M4AC4018D1		X											
	M4AC4024D1				X									
	M4HP4018B1		X											
M4AH4E37B1B00AA	M4HP4018C1		X											
	M4AC4024D1				X									
	M4AC4030D1						X							
M4AH4E437B1B00AA	M4AC4036D1						X							
	M4HP4024B1					X				X				
	M4HP4024C1					X								
M4AH4E61B1C00AA	M4HP4030B1						X							
	M4AC4036D1								X					
	M4AC4042D1									X				
M4AH4E61B1C00AA	M4HP4036A1								X					
	M4HP4036B1								X					
	M4HP4042A1									X				
M4AH4E61B1C00AA	M4HP4042B1									X				
	M4HP4048A1												X	
	M4HP4048B1												X	
M4AH4E61B1C00AA	M4HP4060A1													X*
	M4HP4060B1													X*

X* = FACTORY INSTALLED ORIFICE SIZE

NOTE: Some combinations require a TXV. See AHRI for system combination ratings. Since the manufacturer has a policy of continuous product and product data improvement, if the system combination you are looking for is not listed, refer to the latest version of the product Installation Guide at www.AmeristarHVAC.com

All orderable Service Parts are identified for this product.

Parts that are not identified, will not be available to order. Last Updated 10/31/2018

This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
MAYORIACHP*	*	1	NO DESCRIPTION AVAILABLE