

Allegiance/Heritage Condensing Units

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

Refrigerant Type
2 = R-22
4 = R-410A

American Standard

Outdoor Product Type
Split Cooling 7A, 7B, 7C
Split Heating 6B, 6C, 6H

Efficiency
8 = 18 SEER 4 = 14 SEER
6 = 16 SEER 3 = 13 SEER
5 = 15 SEER 0 = 10 SEER

Primary Capacity
Example: 024 = 24 MBTUH = Tons

Major Design Modification

Voltage/Power Supply
1 = 200230 Volts 1 Phase or 208-230 Volts 1 Phase
3 = 200230 Volts 3 Phase or 208230 Volts 3 Phase
4 = 460 Volts 3 Phase

Secondary Functions

Minor Design Modifications

Product/Service/Parts

Commercial Condensing Units Cooling and Heat Pump

1 2 3 4 5 6 7 8 9 10 11 12
T T A 0 9 0 A 3 0 0 C 0

Product Type
TTA = Split Cooling TWA = Split Heat Pump

Nominal Gross Cooling Capacity (MBh)

Cooling	Heat Pump
090 = 7 1/2 Tons	090 = 7 1/2 Tons
120 = 10 Tons	120 = 10 Tons
150 = 12 1/2 Tons	180 = 15 Tons
180 = 15 Tons	240 = 20 Tons
240 = 20 Tons	

Compressor
A = Single Compressor C = Dual Manifoldd
B = Dual Compressor F = Dual Manifoldd, R-410A

Electrical Characteristics
3 = 208 - 230/3/60 4 = 460/3/60

Factory-Installed Options
00 = Packed Stock, No Options
OS = Epoxy Coil
OR = ReliaTel™
OT = ReliaTel™, w/Epoxy Coil*

Minor Design Sequence

Service Digit

*TTA only.

Accessories

1 2 3 4 5 6 7 8 9 10 11
A Y E C O N 0 0 1 A A

Denotes Accessories (AY, ASY, BAY, TAY)

Accessories Type, Example:

ASCT = Anti-Cycle Timer	KSKT = Start Accessory Kit
BARM = Barometric Relief	LEG = Snow Legs
BASE = Subbase	LOAM = Low Ambient
BRZQ = Coupling Kit Adaptors	LPKT = L.P. Kit
CCHT = Crankcase Heater	NXKT = NOx Rod Accessory Kit
CLE = Coil Enclosures	PANL = Panel
CURB = Roof Curb	PLNM = Plenum
DMPR = Damper	PLUS = Add-on Heat Pump
DNFLW = Downflow Conversion Kit	REFLN = Refrigerant Lines
EGON = Economizer	RLAY = Relay
ENTH = Enthalpy Control	SENS = Sensor
FLTR = Filter	STAT = Thermostat
GARD = Coil Guard	TBKT = Thru Base Utility Kit
GRLE = Return Air Grill	TEST = Test Accessory
HALT = High Altitude Kit	TFMR = Transformer
HGBP = Hot Gas Bypass Control	TWIN = Twinning Kits
HSMT = High Static Motor	TXVA = Cooling — Bleed/Non Bleed Kits
HTRA = Electric Heater	TXVH = Heat Pump Non Bleed Kits
(Digit 7 Is Used To Differentiate The Products Accessory It's Used With)	WAR = Warranty
	WATR = Hydronic Heat Coils
	2STG = 2 Stage Gas

ISLT = Isolator

Major Design Sequence
Numbers Are Sequentially Assigned Except For Electric Heaters. On Electric Heaters Digit 8 Is Used To Identify Voltage And Digit 9 And 10 Are Used To Identify Capacity In KW's.

Minor Design Sequence
Accessory To Unit Match-up (When Required)

Service Digit (When Required)

Air Handlers - Residential

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
4 T E E 3 F 3 6 A 1 0 0 0 A A

Refrigerant Type
4 = R-410A
2 = R-22

Application
TE = Fully Convertible
TG = Semi Convertible
TF = Front Return

Product Family
E = Leadership - Variable Speed
H = High Efficiency
C = Replacement/Retail
B = Basic

Flow Control
3 = TXV-Non-bleed

Feature Identifier
D = Intergated Whole House Air Cleaner
F = Air-Tite
0 = Standard Unit

Nominal Capacity in 000's of BTU's

Major Design Modifications

Power Supply
1 = Single Phase

Electrical Connection
0 = Pig Tails
B = Circuit Breaker
D = Pull Disconnect

Future Option - Factory Installed Heater Nominal KW Value

Minor Design Modifications

Unit Parts Identifier

NOTE: There will be a phase-in of new model numbers for new air handlers over next 2 years.



Split System Cooling Single Phase – 1½-5 Tons

Allegiance

Table SC-2-A — Features

	18 (2A7A8)	16 (4A7A6)	15 (2A7A5)	14 (2A7A4)	14 (4A7A4)
• SEER's up to	19.5	17.15	16.25	15	15
• Duration™ compressor	2	1 - stage	✓	✓	✓
• Comfort-R™ mode approved	✓	✓	✓	✓	✓
• DuraBase™ base, fast complete drain, weatherproof	✓	✓	✓	✓	✓
• Easy-Sess™ cabinet, service access & refrigerant connections with full coil protection	✓	✓	✓	✓	✓
• Spine Fin™ coil	✓	✓	✓	✓	✓
• Compressor sump - factory installed	2½-5	5	2-4	1½-2 & 3½-5	1½ & 2
• Quick start kit-factory installed	2½-5	2, 4-5	—	1½-2 & 5	1½, 2 & 5
• Sound enclosures	2½-5	2-5	2-4	1½-5	1½-5
• Factory supplied charge	R-22	R-410A	R-22	R-22	R-410A
• Glossy corrosion resistant finish	✓	✓	✓	✓	✓
• High pressure switch	—	✓	—	—	✓
• Internal high / low pressure & temperature protection	✓	✓	✓	✓	✓
• Liquid line filter drier - factory installed	✓	✓	✓	✓	✓
• Seacoast shield	✓	✓	✓	✓	✓
• Spinnaker gray cabinet	✓	✓	✓	✓	✓
• 10-year limited warranty on compressor, outdoor coil & 5-years on parts (Residential) ...	✓	✓	✓	✓	✓
• Extended warranties available	✓	✓	✓	✓	✓

Table SC-2-B — Optional Accessories

AY28X079	Evaporator defrost control	—	✓	✓	✓	✓
BAYCCHT301	Crankcase Heater Kit (Scroll)	—	2-4	—	2½-3	2½-5
BAYECMT001	Extreme Condition Mounting Kit	✓	✓	✓	✓	✓
BAYISLT101	Rubber isolators	✓	✓	✓	✓	✓
BAYKSKT260	Start Kit (Scroll)	—	3	2-4	2½-4	2½-4
BAYLEGS002	Snow Legs - Base and Cap 6" High (Black)	✓	✓	✓	✓	✓
BAYLEGS003	4" Extension (Black)	✓	✓	✓	✓	✓
TAYASCT501A [Ⓢ]	Anti-Short Cycle Timer	✓	✓	✓	✓	✓

Comfort Controls — See Comfort Controls/Zone Sensors Section

Ⓢ Not for use with programmable thermostats.

Ⓢ Activated on Power Off.