



## Model Designations - ControlAIR Series CA, SA, and TA

1-2 - 3-4 - 5-6 - 7 - 8 - 9 - 10 - 11 - 12-13 - 14 - 15 - 16-19 - 20 - 21-22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43 - 44 - 45

### Field 1-2: Configuration

CA = remote air cooled condenser  
SA = remote air cooled condenser  
w/compressors  
TA = remote air cooled condenser  
and remote compressor section

### Field 3-4: Size

00 = 3-6 tons  
01 = 6-12 tons  
02 = 11-18 tons  
03 = 15-24 tons  
04 = 20-30 tons  
05 = 25-40 tons  
06 = 30-48 tons  
07 = 35-56 tons  
08 = 42-60 tons  
10 = 48-60 Tons

### Field 5: Customization

A = standard  
Z = modification  
S = shipped split

### Field 6: Panel Location

L = built-in panel on left  
R = built-in panel on right  
T = remote  
U = remote panel, piping on right  
V = remote panel, piping on left

### Field 7: Evaporator Tubes

C = copper  
N = CuNi

### Field 8: Evaporator Sheet Metal

G = galvanized  
S = 304 stainless steel

### Field 9: Evaporator Coating

0 = none  
1 = Blygold  
2 = E-coat

### Field 10: Condenser

C = air cooled, copper tubes, aluminum fins,  
galvanized sheet metal  
D = air cooled, SS tubes, SS fins, SS sheet metal  
Z = Custom

### Field 11: Condenser Coating

0 = none  
1 = Blygold  
3 = E-coat  
9 = custom coating

### Field 12-13: Filter Rack

00 = no filter rack  
02 = filter rack, single track, 2" filters  
04 = filter rack, single track, 4" filters  
24 = filter rack, dual track, 2" and 4" filters

### Field 14: Filter Rack Material

N = none  
G = galvanized  
S = 304 stainless steel  
A = aluminum

### Field 15: Gauges

A = Dwyer 3001  
C = Dwyer 2001

### Field 16-19: Filters

0008 - MERV 8, 4" single track filters  
0014 - MERV 14, 4" single track filters

### Field 20: Heaters

N = no heaters  
H = standard  
Z = custom

### Field 21-22: Heater Power

00 = No Heater  
08 = 8kW Total  
13 = 13kW Total  
16 = 8kW each / 16kW Total  
20 = 10kW each / 20kW Total  
26 = 13kW each / 26kW Total  
30 = 15kW each / 30kW Total  
36 = 18kW each / 36kW Total  
46 = 23kW each / 46kW Total  
64 = 32kW each / 64kW Total  
xx = custom (match heater KW)

### Field 23: Expansion Valve

A = thermal  
B = electronic

### Field 24: Water Regulating Valve

N = None

### Field 25: CPR Valve

N = none  
A = present

### Field 26: Blower Type

1 = forward curved balanced to G6.3  
2 = backward inclined balanced to G6.3  
3 = forward curved balanced to G2.5  
4 = backward inclined balanced to G2.5

### Field 27: Blower Bearing Life

A = L10 80,000h  
B = L10 200,000h  
C = L50 200,000h/L10 30,000h

### Field 28: Blower Bearing Lube Line

0 = none  
1 = installed

### Field 29: Blower Motor

A = WEG (standard)  
B = Siemens  
C = IEEE 841  
Z = custom

### Field 30: Backdraft Damper

0 = none  
1 = normal duty, galvanized frame  
2 = heavy duty, galvanized frame  
3 = heavy duty, aluminum w/std linkages  
4 = heavy duty, aluminum w/SS linkages  
9 = custom

### Field 31: Panel Layout

A = standard  
Z = custom

### Field 32: Electrical Box Material

A = painted carbon steel  
B = stainless steel  
Z = custom

### Field 33: Electrical Voltage

2 = 230/6/60  
4 = 460/3/60  
5 = 575/3/60

### Field 34: Disconnect

A = no disconnect  
B = non-fused disconnect  
Z = custom

### Field 35: Compressor Driver

A = contactors  
B = AB525  
C = AB700  
D = AB753  
E = AB755  
F = WEG CFW700  
G = ABB880  
Z = custom driver

### Field 36: Blower Driver

A = contactors  
B = AB525  
C = AB700  
D = AB753  
E = AB755  
F = WEG CFW700  
G = ABB880  
Z = Custom, driver that is not normally offered

### Field 37: Control Package

A = Carel  
B = Allen Bradley with CompactLogix  
C = Allen Bradley with ControlLogix  
D = AllenBradley without PLC  
Z = Custom

### Field 38: Room Temperature/Humidity Sensor

0 - by Customer  
1 - wall mounted 4-20 mA sensor  
1 - wall mounted 4-20 mA sensor w/LCD

### Field 39: Coil Entering Sensor

A = temperature/humidity 4-20 mA  
B = temperature/humidity 4-20 mA w/LCD  
C = NTC sensor

### Field 40: Coil Leaving Sensor

A = temperature/humidity 4-20 mA  
B = temperature/humidity 4-20 mA w/LCD  
C = NTC sensor

### Field 41: Heater Leaving Temp Sensor

A = temperature 4-20 mA  
B = temperature 4-20 mA w/LCD  
C = NTC sensor  
N = none

### Field 42: Condenser Flow Sensor

N = none

### Field 43: Drain Pan Overflow Sensor

A = present  
N = none

### Field 44: Condenser Temp/Press Sensors

N = none

### Field 45: Coil Airflow

A = standard  
B = Ebtron package  
N = none