Model Designations - ControlAIR Series PW, SW, CW, and TW

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
PW = packaged water cooled
SW = split water cooled
CW = remote water cooled condensers
TW = split remote water cooled condenser

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
A = water cooled, carbon shell, copper tubes
B = water cooled, carbon shell, CuNi tubes
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
0000 = no filters
0800 = 2" MERV 8, single track
0008 = 4" MERV 8, single track
0014 = 4" MERV 14, single track
0808 = 2" MERV 8 + 4" MERV 8, dual track
0814 = 2" MERV 8 + 4" MERV 14, dual track
xxxx = custom

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
A = 2-way pneumatic
B = 3-way pneumatic
C = 2-way electronic
D = 3-way electronic
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
A = present
N = none

Field 43: Drain Pan Overflow Sensor
A = present
N = none

Field 44: Condenser Temp/Press Sensors
A = present
N = none

Field 45: Coil Airflow
A = standard
B = Ebtron package
N = none