Fan Powered Units

Model Number			Design Series	Inlet Size		Fan Size	Fan Voltage		Controls			Insul	OPTIONS: (Must be ordered in position shown below, default is standard and applies if no entry is made)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	**C**	**E**	**J**	**0**	**6**	**B**	**1**	**C**	**E**	**5**	**C**			

A - Air Terminal

C - Constant Volume

E - Electric Reheat

INLET
05 PSC Only
06
07
08
10
12
14
16

FAN
B
C
D
E
F
G PSC Only
H ECM Only
J

VOLTAGE

1 - 120V, 1 Ph. PSC (No Fan Code "G")
2 - 277V, 1 Ph. PSC
3 - 120V, 1 Ph. ECM
4 - 277V, 1 Ph. ECM

5 - 240V, 1 Ph. ECM
6 - 220V, 1 Ph. 50HZ PSC
7 - 220V, 1 Ph. 50HZ ECM
8 - 208V, 1 Ph. PSC
9 - 240V, 1 Ph. PSC

CONTROL TYPE

CE - Pneumatic Actuator by Carnes, Reset Controller by Carnes
CX - Pneumatic Actuator by Carnes, (Multi-function) Reset Controller by Carnes
ET - Analog Electronic Velocity Controller with Integral Damper Actuator
DD - SimplyVAV, DDC by Carnes for Staged Heat
DM - SimplyVAV, DDC by Carnes for SCR Heat
DO - DDC Provided by Others, Mounted and Wired by Carnes, with Carnes Inlet Sensor, with 3/8" Damper Shaft, with Enclosure
DE - No Damper Controls. Enclosure with Carnes Inlet Sensor and Bare 3/8" Damper Shaft

NOTE: *Hand of controls is determined by facing the averaging flow sensor (inlet of the unit) with the supply air hitting the back of your head.*

▼ **Electronic Thermostat**

Model Number			Design Series	
1	2	3	4	5
A	**X**	**W**	**C**	**A**

A - Air Terminal

X - Shipped Separately

W - Wall Thermostat

A - Electronic with Max./ Min. Air Flow Set Points

A Carnes Electronic Thermostat **must be ordered** with the ET Electronic Control Option.

▼ **Direct Digital Control (DD/DC/DM)**

Model Number			Design Series	
1	2	3	4	5
A	**X**	**B**	**C**	**G**

A - Air Terminal

X - Accessory

B - Air Terminal Controls

G - Digital T'Stat Setup Tool
H - Room Temp Sensor
J - Room Temp Sensor with Set Point Adjust

A - ETL Listed
D - Disconnect Switch 120/277V (Non-Fused)
V - Disconnect Switch 120V (Fused)
M - ETL Listed w/Disconnect 120/277V (Non-Fused)
N - ETL Listed w/Disconnect 120V (Fused)
P - Disconnect Switch 277V (Fused)
B - ETL Listed w/Disconnect 277V (Fused)

F - Filter Rack w/Class I Filter (Re-Usable)
G - Filter Rack w/Class II Filter (Throw Away)
H - Mounted Secondary Baffle
K - Mounted Secondary Baffle w/Class I Filter (Re-Usable)
L - Mounted Secondary Baffle w/Class II Filter (Throw Away)

Y - 1" Glass Fiber (Standard)
B - 1" Foil Coated Insulation
C - 1/2" Closed Cell Liner
D - Double Wall Solid Liner
P - Double Wall Perforated Liner

ACTUATOR VENDOR
C - Carnes OEM
D - DDC Actuator (DO Option Only)
N - Not Applicable (DE Option Only)

CONTROLS AND DAMPER ARRANGEMENT
*1 - Normally Open - Right Hand Controls *(Electronic/DO, DE, ET)* *(All Pneumatic Control Types for Reverse Acting Thermostat)*
*2 - Normally Open - Left Hand Controls *(Electronic/DO, DE, ET)* *(All Pneumatic Control Types for Reverse Acting Thermostat)*
3 - Normally Closed - Right Hand Controls *(All Pneumatic Control Types for Direct Acting Thermostat)*
4 - Normally Closed - Left Hand Controls *(All Pneumatic Control Types for Direct Acting Thermostat)*
5 - Normally Open - Right Hand Controls *(All Pneumatic Control Types for Direct Acting Thermostat)*
6 - Normally Open - Left Hand Controls *(All Pneumatic Control Types for Direct Acting Thermostat)*
7 - Normally Closed - Right Hand Controls *(All Pneumatic Control Types for Reverse Acting Thermostat)*
8 - Normally Closed - Left Hand Controls *(All Pneumatic Control Types for Reverse Acting Thermostat)*

* *Electronic and DDC Units **DO NOT** fail open. '1' or '2' is used for Right or Left Hand Only. Electronic Units are shipped with the Damper in the Open Position.*