



Technical Specification

Model **AA-CLG** Revision: 1-2017
 Description Ducted horizontal unit ventilator w/ fixed-plate energy recovery

Dimensions and Weight					
Length (in)	89.5				
Height (in)	21.25				
Depth (in)	43.5				
Unit Weight (lb)	360				
Construction Materials					
Exterior	18 ga. painted mild steel				
Interior	22 ga. galvanized steel				
OA and EA Centrifugal Blower		Driven by (2) PSC Motors			
Quantity	2				
Nominal Current per Blower (A)	3.15				
Total Rated Power (hp)	0.1 at 1,625 RPM				
Total Free Air Discharge (cfm)	530				
SA Centrifugal Blower		Driven by (1) EC Motor			
Quantity	2				
Nominal Current per Blower (A)	4.6				
Total Rated Power (hp)	0.5				
Nominal Supply Air (cfm)	850				
Supply Discharge	Horizontal ducted				
Core		ERV	HRV		
Quantity	4				
Nominal Outdoor Air (cfm)	400				
Nominal Exhaust Air (cfm)	400				
Total Energy Recovered Heating ⁽¹⁾ (Btu/hr)	-	15,200			
Total Energy Recovered Cooling ⁽²⁾ (Btu/hr)	-	7,200			
Coils		AA-CLGH	AA-CLGC	AA-CLGHC	
Quantity	1	1	2	2	
Rows	3 or 4	3 or 4	3 cooling & 1 or 2 heating	4 cooling & 1 heating	
Fluid Type	Water		Water		
Max Heating Capacity (Btu/hr)	68,800 (Sensible)	-	40,500 (Sensible)	28,400 (Sensible)	
Max Cooling Capacity (Btu/hr)	-	27,000 (Total)	23,400 (Total)	26,000 (Total)	
Coil Connections (Copper)					
HW Supply (in)	TBD				
HW Return (in)	TBD				
CW Supply (in)	TBD				
CW Return (in)	TBD				
Filters					
Location	Outdoor Air		Return Air		
Type	1" pleated MERV 8				
Quantity	1	1			
Dimensions (in)	10 x 20	10 x 20			
Electrical					
Voltage / Phase / Frequency	120VAC/1/60Hz				
Running Load Amp RLA (A)	11.4				
Min Circuit Ampacity MCA (A)	14.3				
Max Overcurrent Protection MOP (A)	15				

NOTES:

(1) Total energy recovered heating based on 400 cfm OA 32°/27°F, 400 cfm EA 72°/57°F

(2) Total energy recovered cooling based on 400 cfm OA 95°/78°F, 400 cfm EA 75°/63°F