



General Data Performance Sheet

MODEL

AA-CLG-HAC

Description

Ceiling Unit, Heat and AC

Weights and Measurements

Length (inches)	89 1/2"
Height (inches)	21 1/4"
Depth (inches)	43 1/2"
Unit Weight lb.	360 lb.
Unit Shipping Weight lb.	360 lb.
Construction Materials	18 gu. Painted mild steel & 18 gu. And 22 gu. Galv.

Performance Specifications

Fluid Type	Water
Water Flow Rate (GPM)	4.5 gpm
Heating Coil Btu / Hr.	43,954 Btu
Heating Coil Water Flow (GPM)	3 gpm
Child Water Coil Btu /Hr.	24,300 Btu
Cooling Coil Water Flow (GPM)	4.5 gpm
Coil Inlet Size	1/2" copper
Entering Air Temp.	60 F
Entering Water Temp.	160 F
Leaving Air Temp.	118 F
Leaving Water Temp.	130 F

HRV (CFM) Levels

Fresh Air Inlet Airflow (CFM)	450 CFM
Exhaust Air Outlet (CFM)	511 CFM

Room Supply Discharge (CFM)

High Speed CFM and Sound DBL	785 CFM at DBL
Med Speed CFM and Sound DBL	670 CFM at DBL
Low Speed CFM and Sound DBL	621 CFM at DBL
Filter Type	pleated filter MERV 8
Filter Size	(2) 10x20x1



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Electrical and Motor Data

Electrical Data

Anti Bacterial Light .94 amp
 Required Voltage: 120V, 1Ph, 60Hz
 Minimum Circuit Ampacity: 10.11 amp
 Maximum Overcurrent Protection: 15 amp
 Full Load Amps FLA 12 amp

Number of Motors 1

Motor Data

HRV Inlet Motor
 Horse Power 1/10 -1/5 hp PSC
 RPM max. 1625 rpm max.
 Motor Speeds 3 speed
 AMP'S 2.8 amp
 Type Thermally Protected

1

Room Supply Motor

1/2 hp
 1600 rpm max.
 3 speed
 4.6 amp
 Thermally Protected

Mechanical Data

Number of Fans	1	1	2
Fan Dimensions	HRV Inlet Fan	HRV Exhaust Fan	Room Supply Fan
Fan Diameter	7"	9"	9"
Fan Width	6"	7"	7"
Damper Actuator Motors	3		

Exhaust Options EK = (4)

EK # 1 EK # 2 EK # 3 FOR AA 82 ONLY EK # 4

EK = Exhaust Kit

LH = LEFT HAND WATER HOOK UP

RH = RIGHT HAND WATER HOOK UP

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