



## General Data Performance Sheet

**MODEL**

**AA-96-HAC**

**Description**

**96" Horizontal floor cabinet Heat and AC**

**Weights and Measurements**

Length (inches)	96"
Height (inches)	36"
Depth (inches)	27 1/2"
Unit Weight lb.	417 lb.
Unit Shipping Weight lb.	417 lb.
Construction Materials	18 gu. Stainless steel & 22 gu.

**Performance Specifications**

Fluid Type	Water
Water Flow Rate (GPM)	4.0 gpm
Heating Coil Water Flow (GPM)	3.5 gpm
Heating Coil Btu / Hr.	38,600 btu
Cooling Coil Water Flow (GPM)	4.0 gpm
Coiling Coil Btu /Hr.	24,300 btu
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)	325 CFM
Exhaust Air Outlet (CFM)	305 CFM

**Room Supply Discharge (CFM)**

High Speed CFM and Sound DBL	860 CFM at 56 DBL
Med Speed CFM and Sound DBL	634 CFM at 54 DBL
Low Speed CFM and Sound DBL	581 CFM at 52 DBL
Filter Type	pleated filter MERV 8
Filter Size	(3) 14x14x1



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### Electrical and Motor Data

#### Electrical Data

Anti Bacterial Light	.94 amp
Required Voltage:	120V, 1 Ph, 60 Hz
Minimum Circuit Ampacity:	12.5 amp
Maximum Overcurrent Protection:	20 amp
Full Load Amps FLA	15 amp

#### Number of Motors

1

1

#### Motor Data

**POWER VENT Motor**

**Room Supply Motor**

Horse Power

PSC

1/2 hp

RPM max.

2500 rpm max.

1650 rpm max.

Motor Speeds

1 speed EBM-PAPST

3 speed

AMP'S

1.4 amp

4.6 amp

Type

Thermally Protected

Thermally Protected

#### Mechanical Data

Number of Fans	1	1	2
Fan Dimensions	Power Vent Fan	HRV Exhaust Fan	Room Supply Fan
Fan Diameter	12 1/2"	9"	9"
Fan Width	8"	7"	7"
Damper Actuator Motors	3		

#### Exhaust Options EK = (4)

EK # 1

EK # 2

EK # 3 FOR AA 82 ONLY

EK = Exhaust Kit

LH = LEFT HAND WATER HOOK UP

RH = RIGHT HAND WATER HOOK UP

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