



+ Healthy Energy Resources

General Data Performance Sheet

MODEL

AA-82

Description

82" Horizontal floor cabinet Heat only

Weights and Measurements

| | |
|--------------------------|---------------------------------|
| Length (inches) | 82" |
| Height (inches) | 34" |
| Depth (inches) | 24" |
| Unit Weight lb. | 370 lb. |
| Unit Shipping Weight lb. | 370 lb. |
| Construction Materials | 18 gu. Stainless steel & 22 gu. |

Performance Specifications

| | |
|-------------------------------|-------------|
| Fluid Type | Water |
| Water Flow Rate (GPM) | 3 gpm |
| Heating Coil Water Flow (GPM) | 3 gpm |
| Heating Coil Btu / Hr. | 43,954 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) | 450 CFM |
| Exhaust Air Outlet (CFM) | 511 CFM |

Room Supply Discharge (CFM)

| | |
|------------------------------|--|
| High Speed CFM and Sound DBL | 955 CFM at 64 DBL |
| Med Speed CFM and Sound DBL | 809 CFM at 62 DBL |
| Low Speed CFM and Sound Dbl | 645 CFM at 60 DBL |
| Filter Type | pleated filter MERV 8 |
| Filter Size | (2) 9x11x1 (1) 9x18x1 |



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Electrical and Motor Data

Electrical Data

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

Number of Motors

1 1 1

Motor Data

HRV Inlet Motor **HRV Exhaust Motor** **Room Supply Motor**

| | | | |
|--------------|---------------------|---------------------|---------------------|
| Horse Power | 1/10 -1/5 hp PSC | 1/10 -1/5 hp PSC | 1/2 hp |
| RPM max. | 1625 rpm max. | 1625 rpm max. | 1650 rpm max. |
| Motor Speeds | 3 speed | 3 speed | 3 speed |
| AMP'S | 2.8 amp | 2.8 amp | 2.7 amp |
| Type | Thermally Protected | Thermally Protected | Thermally Protected |

Mechanical Data

| | | | |
|------------------------|---------------|-----------------|-----------------|
| Number of Fans | 1 | 1 | 1 |
| Fan Dimensions | HRV Inlet Fan | HRV Exhaust Fan | Room Supply Fan |
| Fan Diameter | 7" | 7" | 7" |
| Fan Width | 6" | 6" | 6" |
| 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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