Small Sunline

Single Package R-410A Air Conditioner

Inspections Division
Date: 09/10/15

Project Name: **united insurance** | Unit Model #: **ZF060N10P2EAA4**

Quantity: 2 | System: **ZF060N10P2EAA4**

Cooling Performance		
Total capacity	63.0	MBH
Sensible capacity	46.6	MBH
Refrigerant type	R-410A	
Seasonal Efficiency (at ARI)	13.00	SEER
Efficiency (at ARI)	10.80	EER
Ambient DB temp.	88.0	°F
Entering DB temp.	80.0	°F
Entering WB temp.	67.0	°F
Leaving DB temp.	58.4	°F
Leaving WB temp.	57.0	°F
Power input (w/o blower)	4.31	kW
Sound power	82	dB(A)

Gas Heating Performance		
Entering DB temp.	60	°F
Heating output capacity (Max)	100	MBH
Supply air	2000	CFM
Heating input capacity (Max)	125	MBH
Leaving DB temp.	106.3	°F
Air temp. rise	46.3	°F
AFUE	80.3	%
Stages	1	

Supply Air Blower Performance		
Supply air	2000	CFM
Ext. static pressure	0.6	IWG
Unit static resistance	0.15	IWG
Blower speed	1151	RPM
Max BHP of Motor (including service factor)	1.73	HP
Duct location	Bottom	
Motor rating	1.50	HP
Actual required BHP	1.20	HP
Power input	1.12	kW
Elevation	0	ft.
Drive type	BELT	

Electrical Data		
Power supply	230-3-60	
Unit min circuit ampacity	25.1	Amps
Unit max over-current protection	35	Amps

Dimensions & Weight					
Hgt	33 in.	Len	83 in.	Wth	45 in.
Weight with factory installed options					699 lbs.

Clearances					
Right	24 in.	Front	32 in.	Back	36 in.
Top	72 in.	Bottom	0 in.	Left	36 in.

Note: Please refer to the tech guide for listed maximum static pressures

5 Ton

- York Units are Manufactured at an ISO 9001 Registered Facility and Each Rooftop is Completely Computer-Run Tested Prior to Shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards)
- Through-the-Curb and Through-The-Base Utility Connections
- Either Supply and/or Return can be Field Converted from Vertical to Horizontal Configuration without Cutting Panels.
- Full Perimeter Base Rails with Built in Rigging Capabilities
- Galvanized Steel Drain Pan
- Single Stage Cooling
- Solid Core Liquid Line Filter Driers
- Microchannel Condenser Coil
- 100 MBH Output Aluminized Steel, Single Stage Gas Nominal Heat
- 1.5 HP Standard Static Belt Drive Blower
- Unit Ships with 1" Throwaway Filters with a Standard Filter Rack That Will Accept up to 2" Filters
- Replacement Filters: 2 - (15" x 20" x 1" or 2") and 1 - (14" x 25" x 1" or 2"). Unit accepts 1" or 2" wide filters.
- Single Point Power Connection
- Supply Air Smoke Detector
- Dry Bulb Economizer and Hood (No Barometric Relief Damper)
- Short Circuit Current: 5kA RMS Symmetrical

Standard Unit Controller: Simplicity Control Board

- An Integrated Low-Ambient Control, Anti-Short Cycle Protection, Lead-Lag, Fan On and Fan off Delays, Low Voltage Protection, On-Board Diagnostic and Fault Code Display. Allows all units to operate in the cooling mode down to 0 °F outdoor ambient without additional components or intervention.
- Safety Monitoring - Monitors the High and Low-Pressure Switches, the Freezestats, the Gas Valve, if Applicable, and the Temperature Limit Switch on Gas and Electric Heat Units. The Unit Control Board will Alarm on Ignition Failures, Safety Lockouts and Repeated Limit Switch Trips.

BAS Controller

- Simplicity SE Controller with Discharge Air, Return Air, and Outside Air Sensor

Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Ten (10) Year Warranty - Aluminized Steel Tubular Heat Exchangers