

# **SUBMITTAL DATA**

For: Approval

**Order #: Date:** 04/08/2015

**Project:** spare time 867

Project #:



## **Submittal Summary Page**

Qty	Tag #	Model #	Description
1		ZH090N15N2DAA7	7.5 Ton, York Predator Single Packaged R-410A Air Conditioner, 11.5 EER / 12.6 IEER, Two Stage Cooling, 144 MBH Output Aluminized Steel, Two Stage Gas Heat, 3 HP High Static Belt Drive Blower, 2" Throwaway Filters, 208/230-3-60, Microchannel Condenser Coil, Composite Drain Pan • HACR Circuit Breaker/Disconnect (Sized for 208 Volts) • Non Powered Convenience Outlet • Simplicity® SE Controller with Discharge Air, Return Air, and Outside Air Sensor
1		2EE04706924	Economizer for Dedicated Horizontal/Slideflow Applications. Includes FA Hood. Order 1EH0408 for exhaust hood w/Baro Relief or Power Exhaust (Not Low Leak Compliant)
1		1EH0408	Barometric Relief Kit for Power Exhaust, Horizontal Application (Includes Hood)
1		2EC0401	Kit, Single Enthalpy Field Installed
1		2PE04704706	Power Exhaust 230V without Baro Relief Downflow or Horizontal
1		S1-02812363700	Blower Sheave for 7.5 Ton High Static Field Installed Drive
1		S1-A47	Belt A47 for Field Installed Drive
1		S1-YK-MAP1810-0P	MAP (Multiple Access Portal) Gateway- For use with SimplicitySE Control.
1		ZH150N15N2DAA7	12.5 Ton, York Predator Single Packaged R-410A Air Conditioner, 11.5 EER / 12.6 IEER, Two Stage Cooling, 144 MBH Output Aluminized Steel, Two Stage Gas Heat, 5 HP High Static Belt Drive Blower, 2" Throwaway Filters, 208/230-3-60, Microchannel Condenser Coil, Composite Drain Pan • HACR Circuit Breaker/Disconnect (Sized for 208 Volts) • Non Powered Convenience Outlet • Phase Monitor • Simplicity® SE Controller with Discharge Air, Return Air, and Outside Air Sensor
1		2EE04706924	Economizer for Dedicated Horizontal/Slideflow Applications. Includes FA Hood. Order 1EH0408 for exhaust hood w/Baro Relief or Power Exhaust (Not Low Leak Compliant)
1		1EH0408	Barometric Relief Kit for Power Exhaust, Horizontal Application (Includes Hood)
1		2EC0401	Kit, Single Enthalpy Field Installed
1		S1-02812364700	Blower Sheave for 12.5 Ton High Static Field Installed Drive
1		S1-BX54	Belt for 12.5 Ton High Static Field Installed Drive



Single Package R-410A Air Conditioner

Unit Model #: ZH090N15N2DAA7 Project Name: spare time 867

Quantity: 1 System: ZH090N15N2DAA7

Cooling Performance								
Total capacity	103.5	MBH						
Sensible capacity	72.5	MBH						
Refrigerant type	R-410A							
Efficiency (at ARI)	11.50	EER						
Integrated eff. (at ARI)	12.60	IEER						
Ambient DB temp.	86.8	-						
Entering DB temp.	80.0	-						
Entering WB temp.	67.0	-						
Leaving DB temp.	57.6	-						
Leaving WB temp.	56.0	-						
Part load efficiency		IPLV						
Power input (w/o blower)	6.61							
Sound power	83	dB(A)						
Gas Heating Performance	Gas Heating Performance							
Entering DB temp	60	°F						

Gas Heating Performance								
Entering DB temp.	60	°F						
Heating output capacity (Max)	144	MBH						
Supply air	3000	CFM						
Heating input capacity (Max)	180	MBH						
Leaving DB temp.	104.4	°F						
Air temp. rise	44.4	°F						
SSE	80.0	%						
Stages	2							

Supply Air Blower Performa	nce
Supply air	3000 CFM
Ext. static pressure	0.6 IWG
Unit static resistance	0.2 IWG
Blower speed	1123 RPM
Max BHP of Motor (including service factor)	3.45 HP
Duct location	Side
Motor rating	3.00 HP
Actual required BHP	1.81 HP
Power input	1.69 kW
Elevation	62 ft.
Drive type	BELT

Electrical Data	
Power supply	230-3-60
Unit min circuit ampacity	47.9 Amps
Unit max over-current protection	50 Amps

Dimensions & Weight										
Hgt	42 in. with factory in	Len	89 in.	Wth	59 in.					
Weight	1015 lbs.									

Right	12 in.	Front	36 in.	Back	36 in.
Тор	72 in.	Bottom	0 in.	Left	36 in.

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









### 7.5 Ton

• York Predator 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
- · Hinged Access Panels
- Slide-Out Condensate Drain Pan
- · Reciprocating Compressor
- Two Stage Cooling
- Solid Core Liquid Line Filter Driers
- Microchannel Condenser Coil
- 144 MBH Output Aluminized Steel, Two Stage Gas Heat
- 3 HP High Static Belt Drive Blower
- Unit Ships with 2" Throwaway Filters with a Standard Filter Rack that will Accept up to 4" Filters
- Replacement Filters: 4 (24" x 16"). Unit accepts 2" or 4" wide filters.
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect (Sized for 208 Volts)
- Non-Powered Convenience Outlet
- Short Circuit Current: 5kA RMS Symmetrical

### Standard Unit Controller: Simplicity Control Board

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
- Ten (10) Year Warranty Aluminized Steel Tubular Heat Exchangers

Project Name: spare time 867

Quantity: 1

## Predator Simplicity SE

Single Package R-410A Air Conditioner

Unit Model #: ZH090N15N2DAA7

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System: ZH090N15N2DAA7

### **Factory Installed Options**

## **ZH090N15N2DAA7**

Product Category:	Z	York Predator Single Packaged R-410A Air Conditioner
Product Identifier:	Н	11.5 EER / 12.6 IEER
Nominal Cooling Capacity:	090	7.5 Ton Two Stage Cooling
Heat Type and Nominal Heat Capacity:	N15	144 MBH Output Aluminized Steel, Two Stage Gas Heat
Airflow:	N	3 HP High Static Belt Drive Blower
Voltage:	2	208/230-3-60
Installation Options:	D	HACR Circuit Breaker/Disconnect (Sized for 208 Volts) Non Powered Convenience Outlet
Additional Options:	AA	Microchannel Condenser Coil Simplicity® SE Controller with Discharge Air, Return Air, and Outside Air Sensor Composite Drain Pan
Product Generation:	7	

### **Field Installed Accessories**

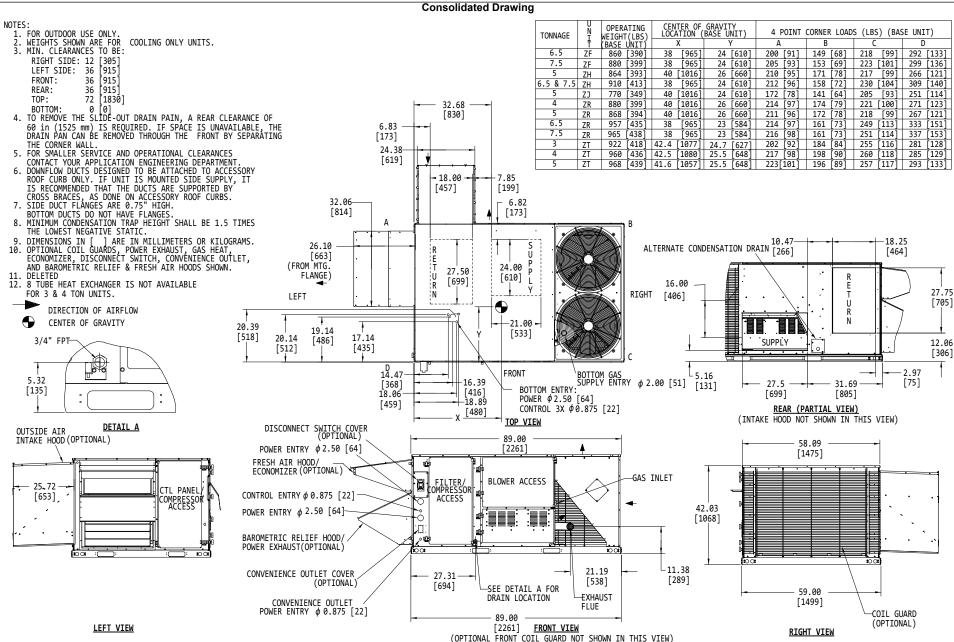
- 2EE04706924 Economizer for Dedicated Horizontal/Slideflow Applications. Includes FA Hood. Order 1EH0408 for exhaust hood w/Baro Relief or Power Exhaust (Not Low Leak Compliant) (145.0 lbs)
- 1EH0408 Barometric Relief Kit for Power Exhaust, Horizontal Application (Includes Hood) (27.0 lbs)
- 2EC0401 Kit, Single Enthalpy Field Installed (1.0 lbs)
- 2PE04704706 Power Exhaust 230V without Baro Relief Downflow or Horizontal (19.0 lbs)
- S1-02812363700 Blower Sheave for 7.5 Ton High Static Field Installed Drive (2.0 lbs)
- S1-A47 Belt A47 for Field Installed Drive (0.3 lbs)
- S1-YK-MAP1810-0P MAP (Multiple Access Portal) Gateway-For use with SimplicitySE Control. (0.3 lbs)

Single Package R-410A Air Conditioner

Project Name: spare time 867

Unit Model #: ZH090N15N2DAA7

Quantity: 1 System: ZH090N15N2DAA7





Project Name: spare time 867

## Predator Simplicity SE

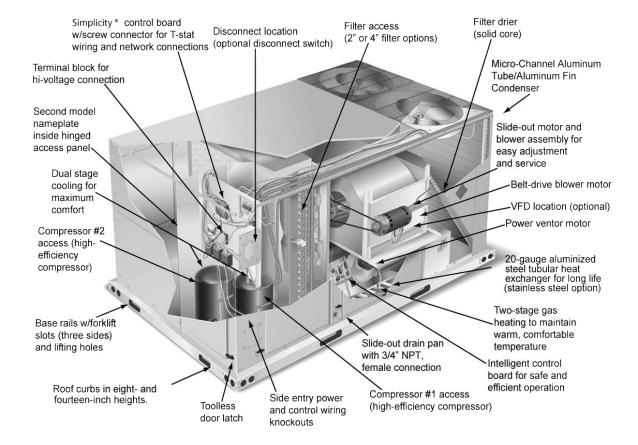
Single Package R-410A Air Conditioner

Unit Model #: ZH090N15N2DAA7

Quantity: 1 System: ZH090N15N2DAA7

### Component Location

### 6 1/2 Through 10 Tons



Single Package R-410A Air Conditioner

Unit Model #: ZH090N15N2DAA7

Quantity: 1 System: ZH090N15N2DAA7

### Sound Performance

### **Sound Performance**

Project Name: spare time 867

### **Indoor Sound Power Levels**

Cizo			ESP	Blo	Blower		Sound Power, dB (10 <sup>-12</sup> ) Watts							
Size (Tons)	Model	CFM	(IWG)	Diowei		Sound Rating <sup>1</sup>	Octave Band Centerline Frequency (Hz)							
(10113)			(1773)	RPM	BHP	dB (A)	63	125	250	500	1000	2000	4000	8000
078 (6.5)	ZH/ZR/XP	2600	0.6	812	1.14	74	71	73	73	71	69	65	65	60
090 (7.5)	ZH/ZR/XP	3000	0.6	854	1.47	77	74	76	76	74	72	68	68	63
102 (8.5)	ZH/ZR/XP	3400	0.6	872	1.65	80	77	79	79	77	75	71	71	66
120 (10)	ZH/ZR/XP	4000	0.6	959	2.29	83	80	82	82	80	78	74	74	69
150 (12.5)	ZH/ZR/XP	5000	0.6	1132	3.74	87	84	86	86	84	82	78	78	73

<sup>1.</sup> These values have been accessed using a model of sound propagation from a point source into the hemispheric/free field. The dBA values provided are to be used for reference only. Calculation of dBA values cover matters of system design and the fan manufacture has no way of knowing the details of each system. This constitutes an exception to any specification or guarantee requiring a dBA value of sound data in any other form than sound power level ratings.

## Outdoor Sound Power Levels ZH/ZR/XP078-150

Size	Model	Sound Rating <sup>1</sup>	Octave Band Centerline Frequency (Hz)							
(Tons)	Model	dB (A)	125	250	500	1000	2000	4000	8000	
078 (6.5)	ZH	83	88.0	82.5	81.5	78.0	73.0	69.0	62.0	
090 (7.5)	ZH	83	89.5	83.5	82.0	78.0	72.5	68.0	60.5	
102 (8.5)	ZH	90	93.5	92.5	88.0	84.5	79.0	74.5	68.0	
120 (10)	ZH	90	94.0	92.0	88.5	84.5	80.0	75.5	68.5	
150 (12.5)	ZH	84	90.0	84.5	81.5	77.5	72.0	68.5	61.5	
078 (6.5)	ZR/XP	83	88.0	82.5	81.5	78.0	73.0	69.0	62.0	
090 (7.5)	ZR/XP	83	89.5	83.5	82.0	78.0	72.5	68.0	60.5	
102 (8.5)	ZR/XP	83	89.0	84.5	81.5	78.0	72.5	68.5	70.5	
120 (10)	ZR/XP	83	89.5	83.5	81.0	78.0	72.0	68.5	70.5	
150 (12.5)	ZR/XP	84	90.0	84.5	81.5	77.5	72.0	68.5	61.5	

1. Rated in accordance with ARI 270 standard.



Single Package R-410A Air Conditioner

Project Name: spare time 867 Unit Model #: ZH150N15N2DAA7

Quantity: 1 System: ZH150N15N2DAA7

Cooling Performance		
Total capacity	171.2	MBH
Sensible capacity	118.9	MBH
Refrigerant type	R-410A	
Efficiency (at ARI)	11.50	EER
Integrated eff. (at ARI)	12.60	<b>IEER</b>
Ambient DB temp.	86.8	°F
Entering DB temp.	80.0	-
Entering WB temp.	67.0	°F
Leaving DB temp.	58.0	-
Leaving WB temp.	56.1	-
Power input (w/o blower)	10.62	
Sound power	84	dB(A)
Gas Heating Performance		
		^=

ı	Gas fleating Ferrormance		
	Entering DB temp.	60	°F
	Heating output capacity (Max)	144	MBH
	Supply air	5000	CFM
	Heating input capacity (Max)	180	MBH
	Leaving DB temp.	86.7	°F
	Air temp. rise	26.7	°F
	SSE	80.0	%
	Stages	2	
	Supply Air Player Performance		

Supply Air Blower Performance		
Supply air	5000	CFM
Ext. static pressure	0.6	IWG
Unit static resistance	0.8	IWG
Blower speed	1189	RPM
Max BHP of Motor (including service factor)	5.75	HP
Duct location	Side	
Motor rating	5.00	HP
Actual required BHP	3.94	HP
Power input	3.67	kW
Elevation	62	ft.
Drive type	BELT	
Electrical Data		

Power supply	230-3-60
Unit min circuit ampacity	74.4 Amps
Unit max over-current protection	90 Amps
Dimensions 9 Weight	

		Dimens	ions & Weig	ght			
Hgt	51 in.	Len	120 in.	Wth	59 in.		
Hgt 51 in. Len 120 in. Wth Weight with factory installed options 13							
		CI	earances				

		Ciea	iances		
Right Top	12 in.	Front	36 in.	Back	36 in.
Тор	72 in.	Bottom	0 in.	Left	36 in.

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







### 12.5 Ton

 York Predator 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
- Hinged Access Panels
- Slide-Out Condensate Drain Pan
- · Scroll Compressors
- Two Stage Cooling
- Solid Core Liquid Line Filter Driers
- Microchannel Condenser Coil
- 144 MBH Output Aluminized Steel, Two Stage Gas Heat
- · Slide-Out Blower/5 HP Belt Drive Motor Assembly
- Unit Ships with 2" Throwaway Filters with a Standard Filter Rack that will Accept up to 4" Filters
- Replacement Filters: 4 (24" x 20"). Unit accepts 2" or 4" wide filters.
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect (Sized for 208 Volts)
- Non-Powered Convenience Outlet
- Phase Monitor
- · Short Circuit Current: 5kA RMS Symmetrical

### Standard Unit Controller: Simplicity Control Board

 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

### Warrantv

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

Project Name: spare time 867

## Predator Simplicity SE

Single Package R-410A Air Conditioner

Unit Model #: ZH150N15N2DAA7

Quantity: 1 System: ZH150N15N2DAA7

### **Factory Installed Options**

## ZH150N15N2DAA7

Product Category:	Z	York Predator Single Packaged R-410A Air Conditioner
Product Identifier:	Н	11.5 EER / 12.6 IEER
Nominal Cooling Capacity:	150	12.5 Ton Two Stage Cooling
Heat Type and Nominal Heat Capacity:	N15	144 MBH Output Aluminized Steel, Two Stage Gas Heat
Airflow:	N	5 HP High Static Belt Drive Blower
Voltage:	2	208/230-3-60
Installation Options:	D	HACR Circuit Breaker/Disconnect (Sized for 208 Volts) Non Powered Convenience Outlet
Additional Options:	AA	Microchannel Condenser Coil Phase Monitor Simplicity® SE Controller with Discharge Air, Return Air, and Outside Air Sensor Composite Drain Pan
Product Generation:	7	

### **Field Installed Accessories**

- 2EE04706924 Economizer for Dedicated Horizontal/Slideflow Applications. Includes FA Hood. Order 1EH0408 for exhaust hood w/Baro Relief or Power Exhaust (Not Low Leak Compliant) (145.0 lbs)
- 1EH0408 Barometric Relief Kit for Power Exhaust, Horizontal Application (Includes Hood) (27.0 lbs)
- 2EC0401 Kit, Single Enthalpy Field Installed (1.0 lbs)
- \$1-02812364700 Blower Sheave for 12.5 Ton High Static Field Installed Drive (3.0 lbs)
- \$1-BX54 Belt for 12.5 Ton High Static Field Installed Drive (0.6 lbs)

Single Package R-410A Air Conditioner

Project Name: spare time 867 Unit Model #: ZH150N15N2DAA7 Quantity: 1 System: ZH150N15N2DAA7 Consolidated Drawing OPERATING CENTER OF GRAVITY 1. FOR OUTDOOR USE ONLY.
2. WEIGHTS SHOWN ARE FOR
3. MIN. CLEARANCES TO BE: 4 POINT CORNER LOADS (LBS) (BASE UNIT) TONNAGE LOCATION (BASE UNIT) WEIGHT (LBS COOLING ONLY UNITS. (BASE UNIT) RIGHT SIDE: 12 [305] 12.5 456 [207] 340 [154] XΡ 1403 [636] 51 [1295] 25.5 [648] 259 [118] 347 [157] LEFT SIDE: 36 915 FRONT: 36 Ť9151 12.5 ZR 1465 [665] 51 [1295] 25.5 [648] 270 [123] 363 [165] 477 [216] 355 [161] REAR: 36 915 12.5 ZJ 1280 [581] 48 [1219] 24 [610] 240 [109] 281 [128] 410 [186] 350 [159] TOP: 72 [1830] BOTTOM: [830] 12.5 1215 [551] 46 [1168] 26 [660] 259 [118] 277 [126] 351 [159] 328 [149] 4. TO REMOVE THE SLIDE-OUT DRAIN PAIN, A REAR CLEARANCE OF 6.83 60 in (1525 mm) IS REQUIRED. IF SPACE IS UNAVAILABLE, THE DRAIN PAN CAN BE REMOVED THROUGH THE FRONT BY SEPARATING [173] THE CORNER WALL. FOR SMALLER SERVICE AND OPERATIONAL CLEARANCES CONTACT YOUR APPLICATION ENGINEERING DEPARTMENT. 18.00 DOWNFLOW DUCTS DESIGNED TO BE ATTACHED TO ACCESSORY ROOF CURB ONLY. IF UNIT IS MOUNTED SIDE SUPPLY, IT [457] [199] ALTERNATE CONDENSATION DRAIN 24.38 IS RECOMMENDED THAT THE DUCTS ARE SUPPORTED BY CROSS BRACES, AS DONE ON ACCESSORY ROOF CURBS. [619] 32.10-[173] 18.25 [464] [267] SIDE DUCT FLANGES ARE 0.75" HIGH [815] BOTTOM DUCTS DO NOT HAVE FLANGES.
MINIMUM CONDENSATION TRAP HEIGHT SHALL BE 1.5 TIMES 24.23-THE LOWEST NEGATIVE STATIC. DIMENSIONS IN [ ] ARE IN MILLIMETERS OR KILOGRAMS. OPTIONAL COIL GUARDS, POWER EXHAUST, GAS HEAT, ECONOMIZER, DISCONNECT SWITCH, CONVÉNIENCE OUTLET, AND BAROMETRIC RELIEF & FRESH AIR HOODS SHOWN. [615] 24.00 (FROM MTG. P [610] 18.25 28.25 27.50 FLANGE) [464] [718] [699] RIGHT LEFT 1 EXCEPT XP (HEAT PUMP) UNITS. DIRECTION OF AIRFLOW -21.00 -20.39 SUPPLY 18.06 19.14 [533] CENTER OF GRAVITY [518] [459] 20.14 [486] 17.14 [512] [435] 3/4" FP1 2.88 5.16-[73] FRONT 14.47 28.25 31 63 BOTTOM GAS [131] [718] [368] SUPPLY ENTRY \$2.0 [51] [803] 16.39 -BOTTOM ENTRY: [416] 5.32 18.06 REAR (PARTIAL VIEW) POWER \$\phi 2.50 [64] [135] (INTAKE HOOD NOT SHOWN IN THIS VIEW) [459] 18.89 CONTROL 3X φ0.875 [22] [480] TOP VIEW OUTSIDE AIR INTAKE HOOD DETAIL A DISCONNECT SWITCH COVER 119.50 (OPTIONAL) 58.09 (OPTIONAL) [3035] [1475] POWER ENTRY  $\phi$ 2.5 [64] FRESH AIR HOOD/ ECONOMIZER (OPTIONAL) -GAS INLET BLOWER ACCESS TL PANEL FILTER/ [653] COMPRESSOR CONTROL ENTRY  $\phi$ 0.875 [22] COMPRESSOR ACCESS ACCESS 50.75 POWER ENTRY  $\phi 2.50$  [64] [1289] BAROMETRIC RELIEF HOOD/ POWER EXHAUST o唱 (OPTIONAL) 100 21.19 27.31 11.38 59.00 [538] [694] CONVENIENCE OUTLET COVER SEE DETAIL A FOR [289] [1499] (OPTIONAL) EXHAUST DRAIN LOCATION COIL GUARD FLUE 1 (OPTIONAL) LEFT VIEW CONVENIENCE OUTLET 89.00 RIGHT VIEW POWER ENTRY  $\phi 0.875$  [22] [2261]

(OPTIONAL FRONT COIL GUARD NOT SHOWN IN THIS VIEW)

Single Package R-410A Air Conditioner

Unit Model #: ZH150N15N2DAA7

Quantity: 1 System: ZH150N15N2DAA7

### **Sound Performance**

### **Sound Performance**

Project Name: spare time 867

### **Indoor Sound Power Levels**

Oi			FCD	Blo	wor	Sound Power, dB (10 <sup>-12</sup> ) Watts									
Size (Tons)	Model	Model	CFM	ESP (IWG)	БЮ	wei	Sound Rating <sup>1</sup>		Oc	tave Ba	nd Cer	terline l	Frequenc	y (Hz)	
(10115)		(IVVG)	(1110)	RPM	BHP	dB (A)	63	125	250	500	1000	2000	4000	8000	
078 (6.5)	ZH/ZR/XP	2600	0.6	812	1.14	74	71	73	73	71	69	65	65	60	
090 (7.5)	ZH/ZR/XP	3000	0.6	854	1.47	77	74	76	76	74	72	68	68	63	
102 (8.5)	ZH/ZR/XP	3400	0.6	872	1.65	80	77	79	79	77	75	71	71	66	
120 (10)	ZH/ZR/XP	4000	0.6	959	2.29	83	80	82	82	80	78	74	74	69	
150 (12.5)	ZH/ZR/XP	5000	0.6	1132	3.74	87	84	86	86	84	82	78	78	73	

<sup>1.</sup> These values have been accessed using a model of sound propagation from a point source into the hemispheric/free field. The dBA values provided are to be used for reference only. Calculation of dBA values cover matters of system design and the fan manufacture has no way of knowing the details of each system. This constitutes an exception to any specification or guarantee requiring a dBA value of sound data in any other form than sound power level ratings.

## Outdoor Sound Power Levels ZH/ZR/XP078-150

Size	Model	Sound Rating <sup>1</sup>	Octave Band Centerline Frequency (Hz)						
(Tons)	Model	dB (A)	125	250	500	1000	2000	4000	8000
078 (6.5)	ZH	83	88.0	82.5	81.5	78.0	73.0	69.0	62.0
090 (7.5)	ZH	83	89.5	83.5	82.0	78.0	72.5	68.0	60.5
102 (8.5)	ZH	90	93.5	92.5	88.0	84.5	79.0	74.5	68.0
120 (10)	ZH	90	94.0	92.0	88.5	84.5	80.0	75.5	68.5
150 (12.5)	ZH	84	90.0	84.5	81.5	77.5	72.0	68.5	61.5
078 (6.5)	ZR/XP	83	88.0	82.5	81.5	78.0	73.0	69.0	62.0
090 (7.5)	ZR/XP	83	89.5	83.5	82.0	78.0	72.5	68.0	60.5
102 (8.5)	ZR/XP	83	89.0	84.5	81.5	78.0	72.5	68.5	70.5
120 (10)	ZR/XP	83	89.5	83.5	81.0	78.0	72.0	68.5	70.5
150 (12.5)	ZR/XP	84	90.0	84.5	81.5	77.5	72.0	68.5	61.5

<sup>1.</sup> Rated in accordance with ARI 270 standard.