Inspections Division
Date: 07/28/17

AIRTEMP INC.
MECHANICAL CONTRACTORS
20 THOMAS DRIVE
WESTBROOK, MAINE 04092
207-774-2300
207-874-2383 FAX

A COMFORT SYSTEMS USA COMPANY
QUALITY PEOPLE – BUILDING SOLUTIONS

SUBMITTAL

JOB: PORTLAND ELKS CLUB
DATE: 7/14/2017
LOCATION: 1945 CONGRESS STREET
MECHANICAL CONTRACTOR: AIRTEMP INC.
AIRTEMP JOB NUMBER: 896
****
AIRTEMP IS PLEASED TO SUBMIT THE FOLLOWING ITEM(S) FOR APPROVAL:

FURN-1 AND A/C FOR BAR
FURN-2 FOR NEW STORAGE

PLEASE RETURN .PDF OF REVIEWED SUBMITTAL TO US

Inspections Division
Date: 07/28/17

SUBMITTAL

Project

ELKS LODGE SUBMITTAL

Date

Friday, July 14, 2017

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Prepared By:

Inspections Division
Date: 07/28/17

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Inspections Division
Date: 07/28/17

5-TON SUBMITTAL

Submittal Cover Sheet
Unit Report
Performance Summary Report
Acoustic Summary
Certified Drawings

Unit Report For 5-TON SUBMITTAL

Project: ELKS LODGE SUBMITTAL
Prepared By:

07/1 Date: 07/28/17

Inspections Division

Outdoor Unit Parameters

Unit Model: **113A**
Unit Size: **5 Tons (Size 060)**
Voltage: **208/230-3-60** V-Ph-Hz

Indoor Coil Parameters

Unit Model: **CNPH**
Unit Size: **5 Tons (Size 60)**
Cabinet Finish: **Painted**
Cabinet Width: **24 inch**
Refrigerant Type: **Puron**
Furnace Family: **Bryant Non-SEER Enhancing**

Outdoor Unit Dimensions and Weight

Unit Length: **31.1875** in
Unit Width: **31.1875** in
Unit Height: **28.6875** in
Unit Shipping Weight: **230.** lb

Indoor Coil Dimensions and Weight

Unit Length: **20.75** in
Unit Width: **24.5** in
Unit Height: **29** in
Unit Shipping Weight: **81.** lb

RESIDENTIAL APPLICATIONS

This warranty is to the original purchasing owner and subsequent owners only to the extent and as stated in the Warranty Conditions and below. The limited warranty period in years, depending on the part and the claimant, is as shown in the table below.

Limited Warranty (Years)		
Item	**Original Owner**	**Subsequent Owner**
Parts	10* (or 5)	5
Compressor	10* (or 5)	5

***If properly registered within 90 days of original installation, otherwise 5 years (except in California and Quebec and other jurisdictions that prohibit warranty benefits conditioned on registration). See Warranty Conditions below.**

OTHER APPLICATIONS

The warranty period is five (5) years on the compressor, and one (1) year on all other parts. The warranty is the original owner only and is not available for subsequent owners.

Ordering Information

Part Number	Description	Quantity
Outdoor Unit		
113APA060000	Legacy 13 SEER Central Air Conditioner with Puron 5 Tons Cooling	1
	13 SEER @ ARI Conditions	
Indoor Coil		
CNPHP6024ALA	Cased Horizontal N-Coil Evaporator Coil with Puron	1
	Painted	
	24 inch	
	Aluminum	
Furnace		
912SC60120S24	912 Legacy +92 Condensing Gas Furnace	1
	Up to 2000 Clg CFM on Evap Coil	
	120,000 Btuh (Size 120)	

Unit Report For 5-TON SUBMITTAL

Project: ELKS LODGE SUBMITTAL 07/1 Date: 07/28/17

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Inspections Division

	Single Stage	

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Furnace Parameters and Dimensions and Weight

Furnace:	**Non-SEER Enhancing Furnace**	
Furnace Model:	**91**	
Furnace Efficiency:	**+92 AFUE**	
Clg Size Airflow:	**Up to 2000 Clg CFM on Evap Coil**	
Htg Capacity Size:	**120,000 Btuh (Size 120)**	
Unit Length:	**29.50**	in
Unit Width:	**24.50**	in
Unit Height:	**35.00**	in
Unit Shipping Weight:	**184.**	lb

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Performance Summary For 5-TON SUBMITTAL

Project: ELKS LODGE SUBMITTAL 07/1 Date: 07/28/17
Prepared By:

Inspections Division

System Performance

System:	**113A/CNPH**	
System Quantity:	**1**	
Altitude:	**0.0**	ft
Furnace Type:	**Bryant Non-SEER Enhancing**	
Linear Pipe Length:	**0.0**	ft
SEER @ ARI Conditions:	**13.0**	
EER @ ARI Conditions:	**11.0**	

Actual Clg Airflow:	**1750.0**	CFM
Standard Clg Airflow:	**1750.0**	CFM
Total Net Clg Capacity:	**56.93**	MBH
Net Sensible Clg Capacity:	**40.32**	MBH
Total System Power:	**5.18**	kW

System Parameters

Outdoor Unit Parameters

Unit Model:	**113APA060000**	
Unit Size (Nominal):	**5 Tons (Size 060)**	
Voltage:	**208/230-3-60**	V-Ph-Hz
Clg Ent Air DB Ambient:	**95.0**	°F

Indoor Coil Parameters

Unit Model:	**CNPHP6024ALA**	
Unit Size (Nominal):	**5 Tons (Size 60)**	
Ent Air DB:	**80.00**	°F
Ent Air WB:	**67.00**	°F
Ent Enthalpy:	**31.44**	BTU/lb
Lvg Air DB:	**58.67**	°F
Lvg Air WB:	**56.71**	°F
Lvg Enthalpy:	**24.21**	BTU/lb
Total External Static:	**0.50**	in wg

Furnace Ratings

Furnace:	**912SC60120S24**	
Furnace Efficiency:	**+92 AFUE**	
Input Max Heat:	**120,000**	BTU/hr
Output Max Heat:	**112,000**	BTU/hr

Furnace Performance

Certified Temp High Rise Range:	**45-75**	F

The customer must ensure the specified airflow and static pressure are within furnace capabilities.

Electrical Data

Outdoor Electrical Data

Unit Voltage:	**208/230-3-60**	V-Ph-Hz
Fan Motor FLA:	**1.40**	Amps
MCA:	**21.4**	Amps
Max Fuse:	**30**	Amps
Operating Range Min:	**197**	V
Operating Range Max:	**253**	V
Compressor RLA:	**16.0**	Amps
Compressor LRA:	**110.0**	Amps

Furnace Electrical Data

Unit Voltage:	**115-1-60**	V-Ph-Hz
Unit MCA:	**11.9**	Amps
Unit MOCP:	**20**	Amps

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Acoustic Summary For 5-TON SUBMITTAL

Project: ELKS LODGE SUBMITTAL 07/1 Date: 07/28/17

Prepared By:

Inspections Division

Outdoor Unit Parameters:

Unit Model: **113A**

Unit Size: **5 Tons (Size 060)**

Variations: **Standard**

Octave Band Center Frequency, Hz	125	250	500	1k	2k	4k	8k	dBA
Sound Power,dB	59.0	67.5	71.5	73.5	69.0	66.0	63.5	
A-Weighted Sound Power, dBA								78.0

Indoor Coil Parameters:

Unit Model: **CNPH**

Unit Size: **5 Tons (Size 60)**

Cabinet Finish: **Painted**

Cabinet Width: **24 inch**

No Indoor sound data available.

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Certified Drawing for 5-TON SUBMITTAL

Project: ELKS LODGE SUBMITTAL
Prepared By:

Inspections Division
Date: 07/28/17

Outdoor Model

Unit Model: **113A**
Unit Size: **5 Tons (Size 060)**
Voltage: **208/230-3-60** V-Ph-Hz
SEER: **13**
PartNumber: **113APA060000**

Shipping Dimensions and Weights	Outdoor Unit
Height	33.19 in
Width	33.31 in
Length	33.31 in
Operating Weight	198. lb
Shipping Weight	230. lb

Dimensions										
A	B	C	D	E	F	G	H	I	J	K
31.19 in	28.69 in	0.88 in	6.56 in	24.69 in	9.13 in	0.31 in	3.00 in	16.00 in	15.50 in	12.75 in

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Certified Drawing for 5-TON SUBMITTAL

Project: ELKS LODGE SUBMITTAL
Prepared By:

Inspections Division
Date: 07/28/17

Indoor Coil

Unit Model: **CNPH**
Unit Size: **5 Tons (Size 60)**
Cabinet Finish: **Painted**
Cabinet Width: **24 inch**
PartNumber: **CNPHP6024ALA**

Dimensions and Weights	Indoor Coil
Height	27.50 in
Width	17.56 in
Length	20.75 in
Shipping Weight	81. lb

Dimensions					
A	B	C	D	E	F
24.50 in	29.00 in	14.13 in	9.31 in	23.00 in	0.88 in

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Certified Drawing for 5-TON SUBMITTAL

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NOTES:
1. Doors may vary by model.
2. Minimum return-air openings at furnace, based on metal duct. If flex duct is used, see flex duct manufacturer's recommendations for equivalent diameters.
   a. For 800 CFM-16-in. (406 mm) round or 14 1/2 x 12-in. (368 x 305 mm) rectangle.
   b. For 1200 CFM-20-in. (508 mm) round or 14 1/2 x 19 1/2-in. (368 x 495 mm) rectangle.
   c. For 1600 CFM-22-in. (559 mm) round or 14 1/2 x 22 1/16-in. (368 x 560mm) rectangle.
   d. Return air above 1800 CFM at 0.5 in. w.c. ESP on 24.5" casing, requires one of the following configurations: 2 sides, 1 side and a bottom or bottom only. See Air Delivery table in this document for specific use to allow for sufficient airflow to the furnace.
3. Vent and Combustion air pipes through blower compartment must use accessory "Vent Kit - Through the Cabinet". See accessory list for current part number.

DIMENSIONAL DRAWING

Furnace Model:.....**91**
Furnace Efficiency:.....**+92 AFUE**
Clg Size Airflow:**Up to 2000 Clg CFM on Evap Coil**

Htg Capacity Size:.....**120,000 Btuh (Size 120)**
PartNumber:.....**912SC60120S24**

Dimensions				
A	B	C	D	Shipping Wgt
24.50 in	22.88 in	23.00 in	12.25 in	184.00 in

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