

Date: 07-16-2020
 By: Eric Blades

[Handwritten Signature]

1924 Northwood Dr, Salisbury, MD 21801 Phone: 410-742-1435 Fax: 410-742-8116 Email: Eric@coastalcomfort.com Web: Coastal Comfort.com
Jake Roub
07-16-2020

Project Information

For: Sal Fasano
 304-33rd St Unit 8, Ocean City, MD 21842
 Phone: 410-251-4715

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	18	93	Method	Simplified
Inside db (°F)	70	75	Construction quality	Loose
Design TD (°F)	52	18	Fireplaces	1 (Average)
Daily range	-	M		
Inside humidity (%)	40	50		
Moisture difference (gr/lb)	33	45		

HEATING EQUIPMENT

Make
 Trade
 Model
 AHRI ref
 Efficiency 80 AFUE
 Heating input 0 Btuh
 Heating output 0 Btuh
 Temperature rise 0 °F
 Actual air flow 746 cfm
 Air flow factor 0.018 cfm/Btuh
 Static pressure 0 in H2O
 Space thermostat

COOLING EQUIPMENT

Make
 Trade
 Cond
 Coil
 AHRI ref
 Efficiency 0 SEER
 Sensible cooling 0 Btuh
 Latent cooling 0 Btuh
 Total cooling 0 Btuh
 Actual air flow 746 cfm
 Air flow factor 0.044 cfm/Btuh
 Static pressure 0 in H2O
 Load sensible heat ratio 0.71

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Room1	1850	28980	8612	531	380
Room3	1136	11734	8287	215	366
Entire House	2986	40714	16899	746	746
Other equip loads		0	0		
Equip. @ 0.98 RSM			16544		
Latent cooling			6931		
TOTALS	2986	40714	23475	746	746

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Summary
Entire House
Coastal Comfort

Job:
 Date: Jul 06, 2020
 By: Eric Blades

1924 Northwood Dr, Salisbury, MD 21801 Phone: 410-742-1435 Fax: 410-742-8116 Email: Eric@coastalcomfort.com Web: CoastalComfort.Com

Project Information

For: Sal Fasano
 304-33rd St Unit 8, Ocean City, MD 21842
 Phone: 410-251-4715

Notes:

Design Information

Weather: Salisbury Ocean Cit, MD, US

Winter Design Conditions

Outside db 18 °F
 Inside db 70 °F
 Design TD 52 °F

Summer Design Conditions

Outside db 93 °F
 Inside db 75 °F
 Design TD 18 °F
 Daily range M
 Relative humidity 50 %
 Moisture difference 45 gr/lb

Heating Summary

Structure 35491 Btuh
 Ducts 5224 Btuh
 Central vent (0 cfm)
 (none) 0 Btuh
 Humidification 0 Btuh
 Piping 0 Btuh
 Equipment load 40714 Btuh

Sensible Cooling Equipment Load Sizing

Structure 12362 Btuh
 Ducts 4537 Btuh
 Central vent (0 cfm)
 (none) 0 Btuh
 Blower 0 Btuh
 Use manufacturer's data n
 Rate/swing multiplier 0.98
 Equipment sensible load 16544 Btuh

Infiltration

Method Simplified
 Construction quality Loose
 Fireplaces 1 (Average)

Latent Cooling Equipment Load Sizing

Structure 5521 Btuh
 Ducts 1410 Btuh
 Central vent (0 cfm)
 (none) 0 Btuh
 Equipment latent load 6931 Btuh

	Heating	Cooling
Area (ft ²)	2986	2986
Volume (ft ³)	29600	29600
Air changes/hour	0.70	0.34
Equiv. AVF (cfm)	346	168

Equipment Total Load (Sen+Lat) 23475 Btuh
 Req. total capacity at 0.70 SHR 2.0 ton

Heating Equipment Summary

Make
 Trade
 Model
 AHRI ref

Efficiency 80 AFUE
 Heating input 0 Btuh
 Heating output 0 Btuh
 Temperature rise 0 °F
 Actual air flow 746 cfm
 Air flow factor 0.018 cfm/Btuh
 Static pressure 0 in H2O
 Space thermostat

Cooling Equipment Summary

Make
 Trade
 Cond
 Coil
 AHRI ref
 Efficiency 0 SEER
 Sensible cooling 0 Btuh
 Latent cooling 0 Btuh
 Total cooling 0 Btuh
 Actual air flow 746 cfm
 Air flow factor 0.044 cfm/Btuh
 Static pressure 0 in H2O
 Load sensible heat ratio 0.71

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Comfort Builder by Wrightsoft 19.0.15 RSU05760

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...des\Documents\Fasano, Sal 2nd Floor Drawing.rup Calc = MJ8 Front Door faces: E



Phone: 410-742-1435 or 302-629-4700 Fax: 410-742-8116

AGREEMENT BETWEEN OWNER AND CONTRACTOR

This Agreement between Homeowner and Contractor (the "Agreement") is effective on July 6, 2020

BETWEEN: **Coastal Comfort, Inc (MD HVAC # 11760)** (the "Contractor"), a company organized and existing under the laws of the State of [Maryland], with its office located at:

32101 Beaver Run Dr
Salisbury, Maryland 21804

AND: **Sal Fasano**
304 33rd St Unit D8
Ocean City, MD 21842
(410) 251-4715
cava21@aol.com

WHEREAS, Homeowner finds that the Contractor is qualified to perform the work, all relevant factors considered, and that such performance will be in furtherance of Owner's business.

NOW, THEREFORE, in consideration of the mutual covenants set forth herein and intending to be legally bound, the parties hereto agree as follows:

1. MATERIAL AND LABOR PROVIDED

The Contractor agrees to provide all of the material and labor required to perform the following work for:

- Remove and dispose of old equipment
- Install a 2 ton Carrier Comfort series air conditioner (SEER: 14, EER: 12.5)
- MODEL: 25ACC424A003
- Install a Carrier evaporator coil
- MODEL: CNPHP3017ALA
- Reconnect to existing furnace & duct work, inspect existing duct work, retape and seal any leaks as necessary
- Use existing Delmarva Power thermostat
- Reconnect to existing electrical
- Use existing refrigeration lines and flush, per homeowner request
- Use existing drain pan under furnace and coil, install ez trap kit with safety switch on condensate line

Homeowner initials ^{DS} SP /

^{DS} CC ll /

Outdoor unit will go back on existing raised platform.
Permits and inspection fees included
Check, test, start up and explain system operation
Labor and materials to complete installation
Register equipment warranty with manufacturer

WARRANTY
10 YEAR PARTS*
10 YEAR COMPRESSOR*
1 YEAR ACCESSORY PARTS **
2 YEAR LABOR ON NEW CARREIR EQUIPMENT
1 YEAR MAINTENANCE***

* If the home is sold then the warranty reverts to a 5 year standard warranty. Please read Carrier Warranty statement for more details.

** Accessory parts included but are not limited to parts that are not part of the equipment such as condensate pumps, safety switches, zone valves, secondary drain pan, etc.

*** Maintenance expires 1 year after installation date

The Contractor agrees to provide and pay for all materials, tools and equipment required for the prosecution and timely completion of the work. Unless otherwise specified, all materials shall be new and of good quality.

In the prosecution of the work, the Contractor shall employ a sufficient number of workers skilled in their trades to suitably perform the work.

2. PAYMENT

The Owner hereby agrees to pay the Contractor, for the aforesaid materials and labor, the sum of \$4,991 in the following manner:

DS
SF

30% deposit due with signed contract: \$1,497.30
Balance of \$3,493.70 to be made immediately following job completion.

3. Labor Warranty

Coastal Comfort Inc. provides a two-year limited labor warranty. Equipment or system failure due to lack of proper maintenance service or abuse is expressly excluded. Normal maintenance check-ups and filter replacements are the responsibility of Purchaser. All other warranties, expressed or implied, are the responsibility of the manufacturer of the equipment, parts, or materials used in connection with the services.

4. Warranty Coverage

There are no warranties, expressed or implied, for existing equipment, ductwork, or other materials not installed by Coastal Comfort Inc. Coastal Comfort will register the equipment with Carrier.

5. COMPLETION OF THE WORK

The Contractor agrees that the various portions of the above-described work shall be completed on or before the following dates:

Start Date: July 11, 2020

Homeowner initials DS
SF / _____

DS
CC ll / _____

6. MODIFICATIONS TO THE WORK

All changes and deviations in the work ordered by the Homeowner must be in writing, the contract sum being increased or decreased accordingly by the Contractor. Any claims for increases in the cost of the work must be presented by the Contractor to the Homeowner in writing, and written approval of the Homeowner shall be obtained by the Contractor before proceeding with the ordered change or revision.

7. ACCESS

The Homeowner, Homeowner's representative and public authorities shall at all times have access to the work.

8. CONFORMITY WITH DRAWINGS AND SPECIFICATIONS

The Contractor agrees to re-execute any work which does not conform to the drawings and specifications, warrants the work performed, and agrees to remedy any defects resulting, from faulty materials or workmanship which shall become evident during a period of one year after completion of the work.

9. INSURANCE COVERAGE

The Contractor agrees to maintain insurance to protect himself against claims for property damage, bodily injury or death due to his performance of this agreement. Coastal Comfort Inc. carries liability insurance and Worker's Compensation Insurance.

10. DELAYS

In the event the Contractor is delayed in the prosecution of the work by acts of God, fire, flood or any other unavoidable casualties; or by labor strikes, late delivery of materials; or by neglect of the Owner; the time for completion of the work shall be extended for the same period as the delay occasioned by any of the aforementioned causes.

11. NO ASSIGNMENT

Neither the Homeowner nor Contractor shall have the right to assign any rights or interest occurring under this agreement without the written consent of the other, nor shall the Contractor assign any sums due, or to become due, to him under the provisions of this agreement.

12. GOVERNING LAW

This agreement shall be interpreted under laws of the State of Maryland.

13. ATTORNEY'S FEES

Attorney's fees and court costs shall be paid by the defendant in the event that judgment must be, and is, obtained to enforce this agreement or any breach thereof.

Homeowner initials ^{DS} SF / _____

^{DS} CC ll / _____

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written. **Please initial all pages, sign and date this agreement and return to Coastal Comfort.**

HOMEOWNER:

DocuSigned by:
X *Sal Fasano*
A5B08563A7784A9...

Sal Fasano
Homeowner

Date: 7/6/2020 / ____ / ____

CONTRACTOR:

DocuSigned by:
X *Lacey Coleman*
8EF6C46C9D41467...

Coastal Comfort, Inc Lacey Coleman
Operations Manager

OR

X

Eric Blades
Comfort Advisor

Date: 7/6/2020 / ____ / ____

Homeowner initials **DS** SF / ____

DS CC ll / ____