

CMH Manufacturing, Inc.

Manufacturer Address
Richfield Division
P.O. Box 1000, Hwy. 52
Richfield, NC 28137

Big Country Homes, Youngsville, NC DATA PLATE

COMFORT HEATING

This manufactured home has been thermally insulated to conform with the requirements of the federal manufactured home construction and safety standards for all locations within climate zone II.

Heating equipment manufacturer and model (see list at left).
The above heating equipment has the capacity to maintain an average 70 degree Fahrenheit temperature in this home at outdoor temperatures of -42 F.
To maximize furnace operating economy and to conserve energy, it is recommended that this home be installed where the outdoor winter design temperature (97 1/2%) is not higher than -8 degrees Fahrenheit.

The above information has been calculated assuming a maximum wind velocity of 15 m.p.h. at standard atmospheric pressure.

COMFORT COOLING

☐ Air Conditioner provided at factory (Alternate I)

Air conditioner manufacturer and model (see list at left).

Certified capacity _____ B.T.U./hour in accordance with the appropriate air conditioning and refrigeration institute standards.

The central air conditioning system provided in this home has been sized assuring an orientation of the front (hitch end) of the home facing _____. On this basis the system is designed to maintain an indoor temperature of 75 degrees Fahrenheit when outdoor temperatures are _____ F dry bulb and _____ F wet bulb.

The temperature to which this home can be cooled will change depending upon the amount of exposure of the windows of this home to the sun's radiant heat. Therefore, the home's heat gains will vary dependent upon its orientation to the sun and any permanent shading provided. Information concerning the calculation of cooling loads at various locations, window exposures and shadings are provided in Chapter 22 of the 1981 edition of the ASHRAE Handbook of Fundamentals.

Information necessary to calculate cooling loads at various locations and orientations is provided in the special comfort cooling information provided with this manufactured home.

☒ Air conditioner not provided at factory (Alternate II)

The air distribution system of this home is suitable for the installation of central air conditioning. The supply air distribution system installed in this home is sized for manufactured home central air conditioning system of up to 40,000 B.T.U./hr rated capacity which are certified in accordance with the appropriate air conditioning and refrigeration institute standards when the air circulators of such air conditioners are rated at 0.3 inch water column static pressure or greater for the cooling air delivered to the manufactured home supply air duct system. Information necessary to calculate cooling loads at various locations and orientations is provided in the special comfort cooling information provided with this manufactured home.

☐ Air conditioning not recommended (Alternate III)

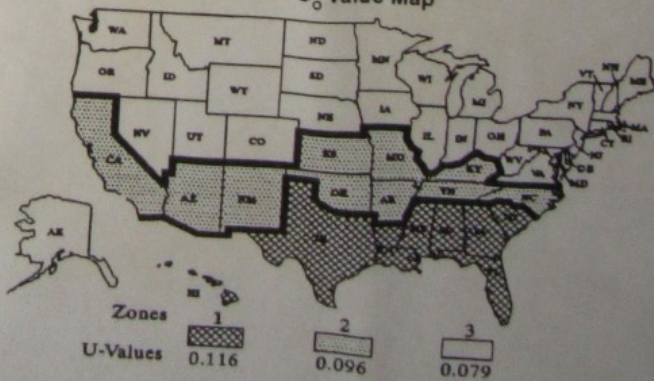
The air distribution system of this home has not been designed in anticipation of its use with a central air conditioning system.

INFORMATION PROVIDED BY THE MANUFACTURER NECESSARY TO CALCULATE SENSIBLE HEAT GAIN

Walls (without windows and doors)	"U" <u>.082</u>
Ceilings and roofs of light color	"U" _____
Ceilings and roofs of dark color	"U" _____
Floors	"U" <u>.037</u>
Air ducts in floor	"U" <u>.049</u>
Air ducts in ceiling	"U" _____
Air ducts installed outside the home	"U" <u>.238</u>
The following are the duct areas in this home	
Air ducts in floor	_____ Sq. Ft.
Air ducts in ceiling	<u>75</u> Sq. Ft.
Air ducts outside the home	_____ Sq. Ft.

To determine the required capacity of equipment to cool a home efficiently and economically, a cooling load (heat gain) calculation is required. The cooling load is dependent on the orientation, location and the structure of the home. Central air conditioners operate most efficiently and provide the greatest comfort when their capacity closely approximates the calculated cooling load. Each home's air conditioner should be sized in accordance with Chapter 22 of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Handbook of Fundamentals, once the location and orientation are known.

U₀ Value Map



COMPLIANCE CERTIFICATE

Date of Manufacture <u>10-21-96</u>	Plant Number 933	HUD No. 229185 / 229186
Manufacturer's Serial Number and Model Unit Designation CLF001783NCAB 28 X 64 2040		
Design Approval by (D.A.P.I.A.) H.W.C.		

This manufactured home is designed to comply with the federal manufactured home construction and safety standards in force at time of manufacture. (For additional information, consult owner's manual.)

The factory installed equipment includes:

Equipment	Manufacturer	Model Designation
For Heating	Nordyne	E1EB-015HA
For Air Cooling	NA	
For Cooking	NA	
Refrigerator	GE	TFX20JRXAWH
Water Heater	State	SCI502HMT960N
Washer	NA	
Clothes Dryer	Ckt. Provided	30A 230V
Dishwasher	GE	GSD650X68WB
Garbage Disposal	NA	
Fireplace	Coleman	36 ECMII
Smoke Detector	Firex	H

Manufactured Home Constructed for: ☒ Zone I ☐ Zone II ☐ Zone III

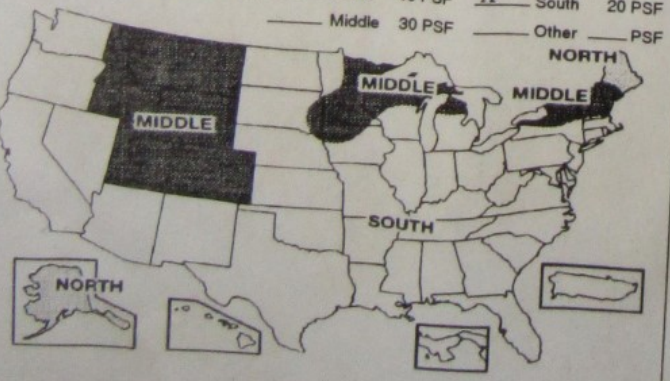
This home has not been designed for the higher wind pressures and anchoring provisions required for ocean/coastal areas and should not be located within 1500' of the coastline in the Wind Zones II and III, unless the home and its anchoring and foundation system have been designed for the increased requirements specified for Exposure D in ANSI/ASCE 7-88.

This home has _____ has not X been equipped with storm shutters or other protective coverings for windows and exterior door openings. For homes designed to be located in Wind Zones II and III, which have not been provided with shutters or equivalent covering devices, it is strongly recommended that the home be made ready to be equipped with these devices in accordance with the method recommended in the manufacturers printed instructions.

WIND ZONE MAP



DESIGN ROOF LOAD ZONE MAP



STRUCTURAL DESIGN BASIS CERTIFICATE

AS EVIDENCED BY THIS LABEL NO. HWC 229186

THE MANUFACTURER CERTIFIES TO THE BEST OF THE
MANUFACTURER'S KNOWLEDGE AND BELIEF THAT THIS
MANUFACTURED HOME HAS BEEN INSPECTED IN ACCORD-
ANCE WITH THE REQUIREMENTS OF THE DEPARTMENT OF
HOUSING AND URBAN DEVELOPMENT AND IS CONSTRUCTED
IN CONFORMANCE WITH THE FEDERAL MANUFACTURED
HOME CONSTRUCTION AND SAFETY STANDARDS IN EFFECT
ON THE DATE OF MANUFACTURE. SEE DATA PLATE.