

Manufacturer Address  
**CMH Manufacturing, Inc.**  
 Halls Division  
 3938 Fountain Valley Drive  
 Knoxville, Tn 37918

# 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 climatic zone **III**

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 **-102.9** 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 **-51.1** degrees Fahrenheit.

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

## Comfort Cooling

Air Conditioner provided at factory (Alternate I)

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

Certified capacity **0** B.T.U./hour in accordance with the appropriate air conditioning and registration 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 **North**. On this basis the system is designed to maintain an indoor temperature of 75 degrees Fahrenheit when outdoor temperatures are **0** F dry bulb and **0** F wet bulb.

The temperature to which this home can be cooled will change depending upon the amount of exposures 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 **51600** 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 in. 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 orientation is provided in the special comfort cooling information provided with this manufactured home.

Air Conditioner 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

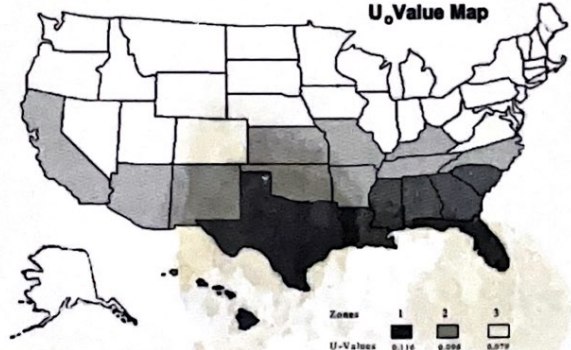
Walls (without windows and doors)	"U"	.091
Ceilings and roofs of light color	"U"	.034
Ceilings and roofs of dark color	"U"	NA
Floors	"U"	.051
Air ducts in floor	"U"	NA
Air ducts in ceiling	"U"	NA
Air ducts installed outside the home	"U"	.230

The following are the duct areas in this house:

Air ducts in the floor	56	Sq. Ft.
Air ducts in the ceiling	NA	Sq. Ft.
Air ducts outside the home	35	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.

## U<sub>0</sub> Value Map



Date of Manufacture	Plant Number	HUD No.	
<b>5/13/04</b>	<b>921</b>	<b>TEN623837</b>	<b>TEN623838</b>

Manufacturer's Serial Number and Model Unit Designation  
 If Serial Number ends with "P" - Perimeter Blocking Required(See Below)  
**CLHO29686TN 28X40** **SUNRISE**

Design Approval by (D.A.P.I.A.) **H.W.C.**  
 Perimeter Blocking?  64" On Center  
 Yes  No  96" On Center

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 the owner's manual.)

The factory installed equipment includes:

Equipment	Manufacturer	Model Designation
For Heating	Nordyne	MIMCO70AB
For Air Cooling	NA	
For Cooking	OMITT	
Refrigerator	OMITT	
Water Heater	Rheem	72-40-1
Washer	NA	
Clothes Dryer	NA	
Dishwasher	NA	
Built-In Oven	NA	
Fireplace	NA	
Smoke Detector	Firex	FADC
Microwave	GE	

## Manufactured Home Constructed for: Zone I

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 Not** 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 shutter 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 South 20 PSF

