

CHAMPION HOMES
P.O. BOX 2657
THOMASVILLE, GA 31799
817-769-5121

Design/Manufacturer	Product Line	Model Unit Designation
CHAMPION	CHAMPION	HUDN4360051 GEO1360052
Manufacturer's Serial Number and Model Unit Designation		
GEMTD08166A/B		3683-375
Design Approval (D.A.P.I.A.)		
P.F.S. CORPORATION		

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

The factory installed equipment includes:

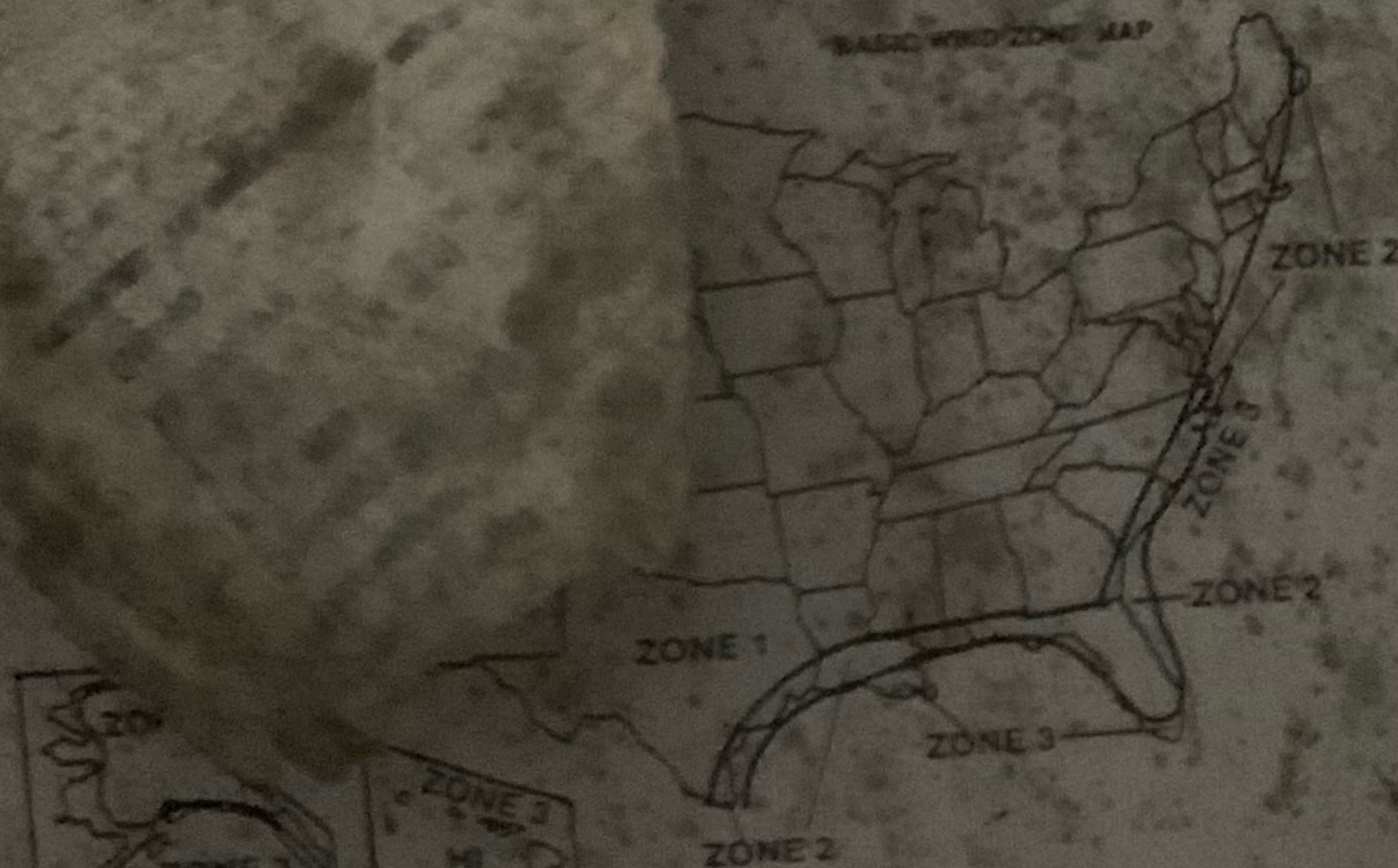
Equipment	Manufacturer	Model Designation
For heating	OMIT	
For air conditioning	XXXXXX	
For cooling	EE	JBP80WFIWW
Refr.	EE	GSS22JEMDWW
Water	STATE	IN1402HMSE3
W.		
C.		GSD2200G00WW
Disposal		
	TN	SCF36MB
		JKP15WD1WW

HOME
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the
speed
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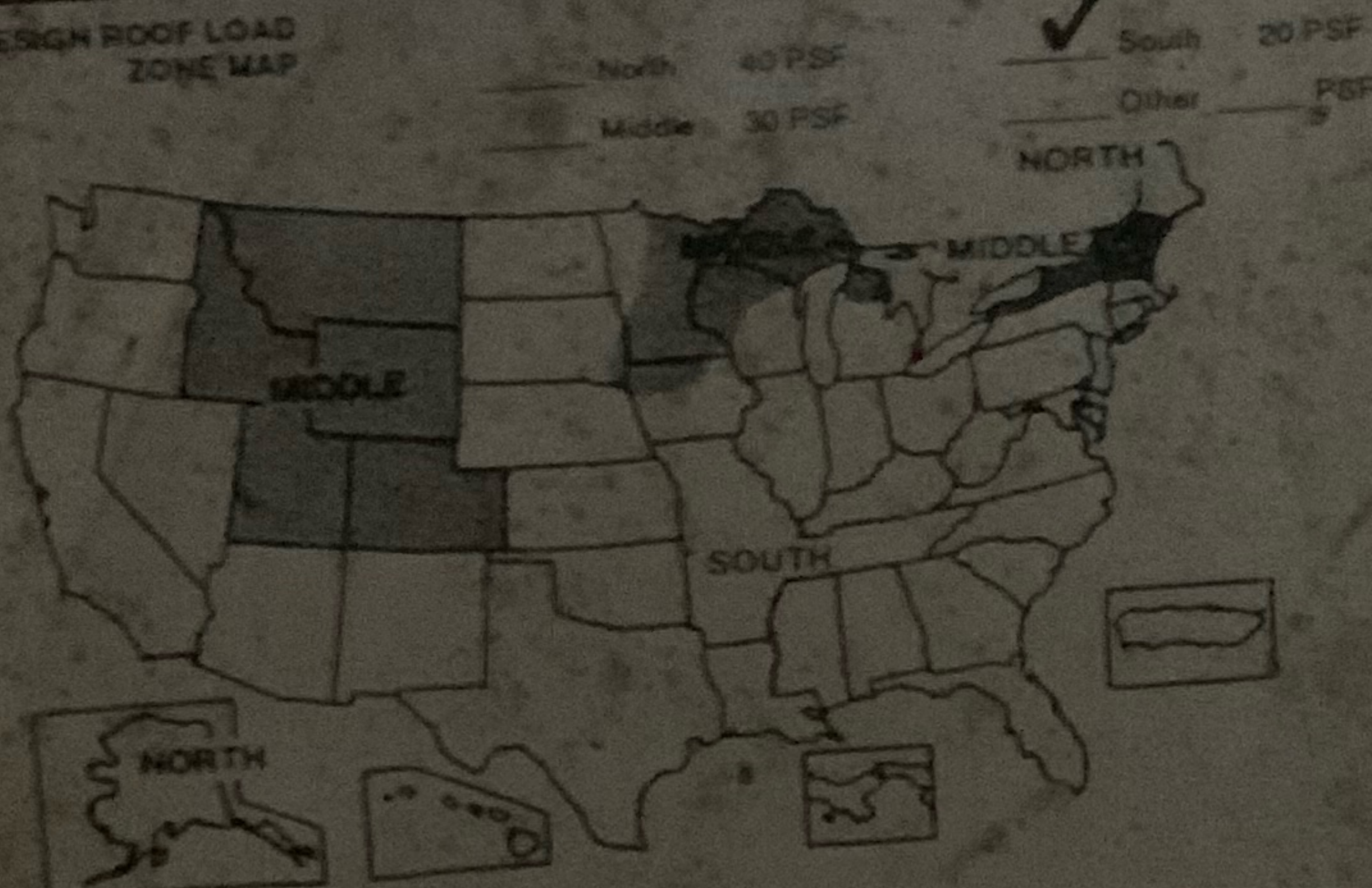
Zone II Zone III
wind pressures and anchoring provisions required for
in 1500' of the coastline in Wind Zones II and III, unless
have been designed for the increased requirements

with storm shutters or other protective coverings for
to be located in Wind Zones II and III, which
ing devices. It is strongly recommended that the
is accordance with this method recommended in

BASIC WIND ZONE MAP



DESIGN ROOF LOAD
ZONE MAP



COMFORT HEATING
This mobile home has been thermally insulated to conform with the requirements of the federal mobile home construction and safety standards for all locations within climatic zone

Heating equipment manufacturer and model (see list at left)
The above heating equipment has the capacity to maintain an average 70 F temperature in this home at outdoor temperatures of N/A F.
To maximize furnace operating economy, and to conserve energy, it is recommended that this home be installed where the outdoor winter design temperature (97.172°) is not higher than N/A degrees Fahrenheit.

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

COMFORT COOLING

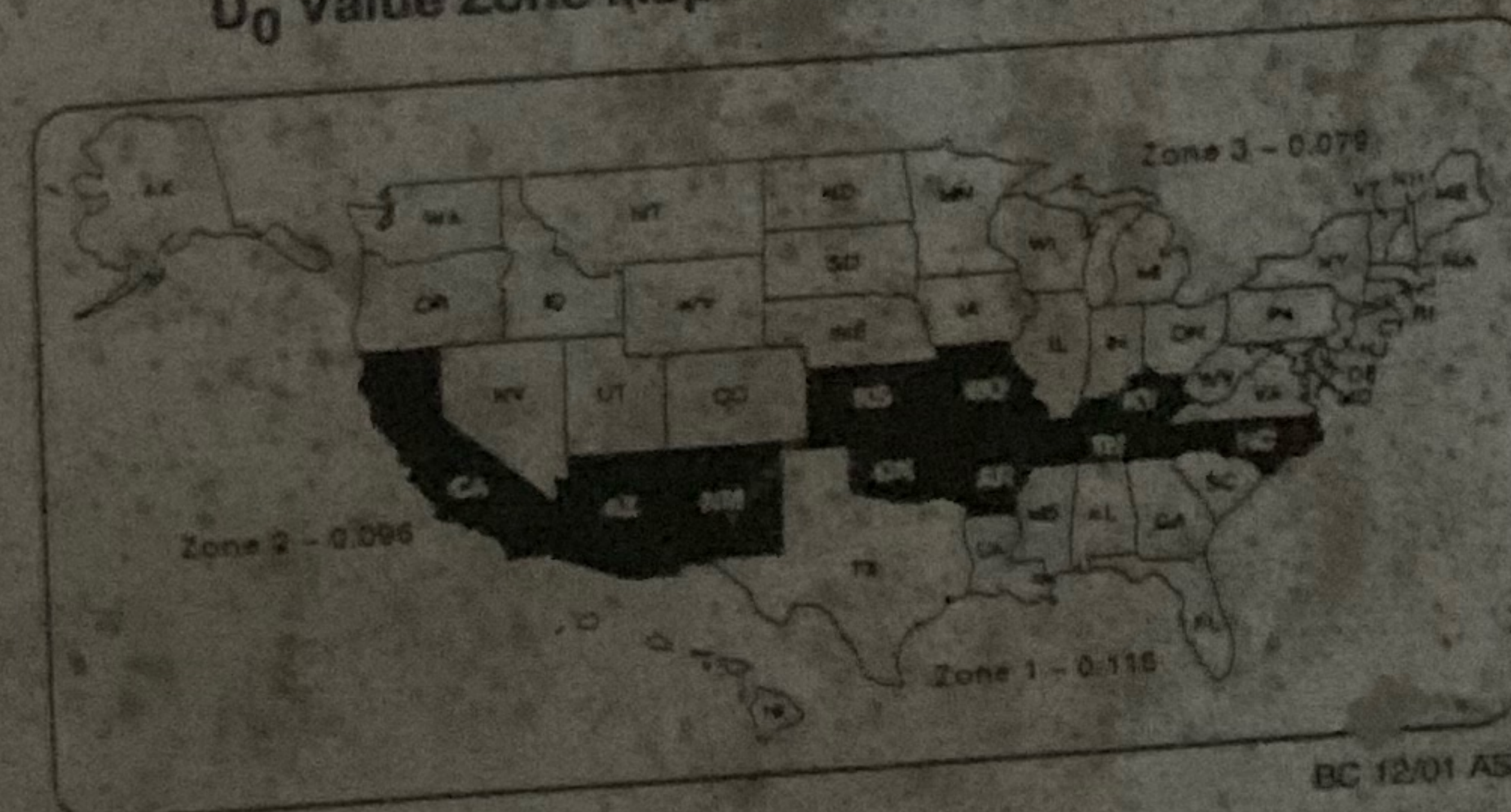
- ☐ Air conditioner provided at factory (Alternate I)
Air conditioner manufacturer and model (see list at left)
Certified capacity - _____ B.T.U./hour in accordance with the appropriate air conditioning and refrigeration institute standards.
The central air conditioning system provided in this home has been sized assuming an orientation of the front (hitch end) of home facing _____. On this basis the system is designed to maintain an indoor temperature of 75° F 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 mobile 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 mobile home central air conditioning system of up to 48,700 B.T.U./hour 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 mobile 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 mobile home.
- ☐ Air conditioning not recommended (Alternate III)
The air distribution system of this house 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

Floors	U	.092
Walls (without windows and doors)	U	.091
Ceiling - flat	U	N/A
Ceiling - cathedral	U	.033
Air ducts installed outside the home	U	.238
Air ducts in floor	U	N/A
Air ducts in ceiling	U	.238
The following are the duct areas in this home:		138 sq. ft.
Air ducts outside the home		N/A sq. ft.
Air ducts in floor		150 sq. ft.
Air ducts in ceiling		

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 Zone Map For Manufactured Housing



BC 12/01 A5281