

Oakwood Homes
P.O. Box 1766
Moultrie, Georgia 31776
(912) 985-6100

Date of Manufacture <u>23 99</u>	Plant Number <u>19</u>	HUD No. <u>676 11756-00</u>
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Manufacturer's Serial Number and Model Unit Designation
1-69448611 1218

Design Approval by (D.A.P.I.A.)
N.T.A.

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.)

Factory installed equipment includes:

Equipment	Manufacturer	Model Designation
For heating	<u>Intertherm</u>	<u>22100121111</u>
For air cooling		
For cooking	<u>GE</u>	<u>J3X0504014</u>
Refrigerator	<u>GE</u>	<u>15114511111</u>
Water Heater	<u>Intertherm</u>	<u>21101111111</u>
Washer		
Clothes Dryer		
Dishwasher		
Garbage Disposal		
Fireplace		
Grill		
Microwave		
Stereo		

THIS HOME WAS CONSTRUCTED FOR ☐ Zone I ☒ Zone II ☐ Zone III
This home has not been designed for the higher wind pressures and anchoring provisions required for coastal areas and should not be located within 1500' of the coastline in Wind Zones II and III, unless the home and its anchoring and foundation system have been designed for the increased requirements listed for exposure D in ANSI/ASCE 7-88.

This home has ☒ has not been equipped with storm shutters or other protective coverings for doors 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 manufacturer's printed instructions.

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 1.

Heating equipment manufacturer and model (see list at left).

The above heating equipment has the capacity to maintain an average 70 F temperature in the home at outdoor temperatures of -38 F.

To maximize furnace operating economy, and to conserve energy, it is recommended that the home be installed where the outdoor winter design temperature (97 1/2") is not higher than 3 degrees Fahrenheit.

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

COMFORT COOLING

☐ Air conditioner provided at factory (Alternate I)

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

Certified capacity 4200 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 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 4200 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 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>0.964</u>
Ceilings and roofs of light color	<u>0.007</u>
Ceilings and roofs of dark color	<u>NA</u>
Floors	<u>0.968</u>
Air ducts in floor	<u>0.911</u>
Air ducts in ceiling	<u>NA</u>
Air ducts installed outside the home	<u>NA</u>
The following are the duct areas in this home:	
Air ducts in floor	<u>0.911</u> sq. ft.
Air ducts in ceiling	<u>NA</u> sq. ft.
Air ducts outside the home	<u>NA</u> 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_o Value Zone Map for Manufactured Housing



HC 11-088 (2002)