

Manufacturer Address

FLEETWOOD HOMES OF GEORGIA
P.O. BOX 767
ALLEN, GA 31510

Plant Number 075

Date of Manufacture HUD No
07-20-87 C90487592

Manufacturer's Serial Number and Model Unit Designation
CAFLE31AH2507A.E 2402B

Design Approval by (D A P I A)
RADCO

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	GMPT	
For air cooling		
For cooking	WHITFIELD	RE302EMEN
Refrigerator	WHITFIELD	E1150CCM
Water heater	MOR FLO	ZLWFR225TR
Washer		
Clothes Dryer		
Dishwasher		
Garbage Disposal		
Fireplace		

COMPLIANCE CERTIFICATE

HEATING AND COOLING DESIGN BASIS CERTIFICATE

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 _____

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 -33 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 -2 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 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° 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 1972 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 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 a manufactured home central air conditioning system of up to 20,000 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>0.12</u>
Ceilings and roofs of light color	"U <u>0.08</u>
Ceilings and roofs of dark color	"U <u>0.08</u>
Floors	"U <u>0.13</u>
Air ducts in floor	"U <u>0.25</u>
Air ducts in ceiling	"U <u>NA</u>
Air ducts installed outside the home	"U <u>NA</u>

The following are the duct areas in this home:

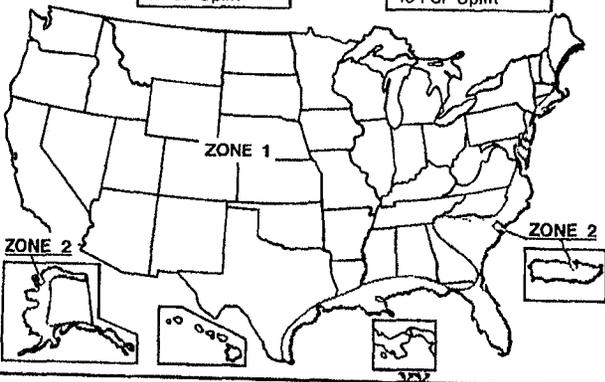
Air ducts in floor	<u>40.5</u> sq. ft.
Air ducts in ceiling	<u>NA</u> sq. ft.
Air ducts outside the home	<u>NA</u> sq. ft.

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.

OUTDOOR WINTER DESIGN TEMP. ZONES



DESIGN WIND ZONE MAP
 Zone I Standard Wind 15 PSF Horizontal 9 PSF Uplift
 Zone II Hurricane Resistive 25 PSF Horizontal 15 PSF Uplift



DESIGN ROOF LOAD ZONE MAP
 North 40 PSF South 20 PSF
 Middle 30 PSF Other _____ PSF



STRUCTURAL DESIGN BASIS CERTIFICATE

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