

FEDERATION HOMES OF GEORGIA, INC.  
 144 STUART WAY/P. O. BOX 5007  
 FLEMING, GA 31750

Plant Number #39

Date of Manufacture / HUD Label No. (s)  
 9-12-96 GBC964099

Manufacturer's Serial Number and Model Unit Designation  
 GAFT1139A07533-V431 2602A

RAYCO

Design Approval by (D.A.P.A.)

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	COLEMAN	
For air cooling		
For cooking	MAGIC CHEF	3500PPW
Refrigerator	MAGIC CHEF	KB130FY
Water Heater	WH2EM	71-305
Washer		
Clothes Dryer		
Dishwasher		
Garbage Disposal		
Fireplace		
Stove		
Smoke Detector		

HOME CONSTRUCTED FOR  Zone I  Zone II  Zone III

This home has not been designed for the higher wind pressure and anchoring conditions required for hurricane areas and should not be located within 100' of the coastline in Zone I and II, unless the home and its anchoring and foundation system have been designed for the increased requirements specified in Appendix D in ANSI/RSC 7-88.

This home has  been  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 I and II, which have not been protected with shutters or equivalent covering devices, it is strongly recommended that the home be made ready to be protected with these devices in accordance with the detailed recommendations in manufacturer printed instructions.

BASIC WIND ZONE MAP



DESIGN ROOF LOAD ZONE MAP



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 HUD value 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 this home at outdoor temperatures of 7° F.

To maximize furnace operating economy, and to conserve energy, it is recommended that the home be located where the outdoor winter design temperature (70° F) is not higher than 27° F.

The above information has been calculated assuming a maximum wind velocity of 75 mph at standard atmospheric pressures.

COMFORT COOLING

Air conditioner provided at factory (Alternate I)

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

Cooling 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 fixed exterior walls of the home being                     . 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 exterior of this home to the sun's radiant heat. Therefore, the home's heat gain will vary depending upon its orientation to the sun and the percentage shading provided. Information concerning the calculation of cooling loads of various building types, procedures or graphs for the cooling air delivered to the manufactured home supply air duct system, is provided in Chapter 22 of the 1989 edition of the ASHRAE Handbook of Fundamentals.

Information necessary to calculate cooling loads of 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 34,000 B.T.U./hr. Total capacity which are suitable in accordance with the appropriate air conditioning and refrigeration institute standards, when the air conditioners of such air conditioning are rated at 5.7 with water cooling, single pressure or gross for the cooling air delivered to the manufactured home supply air duct system.

Information necessary to calculate cooling loads of 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 cooling with a central air conditioning system.

Whenever the required capacity of equipment to cool a home efficiently and economically is cooling load (heat gain) calculation is required. The cooling load is dependent on the climate, the location and the structure of the home. Central air conditioning operates most efficiently when provide the greatest comfort when their capacity closely approximates the calculated cooling load. Each Air-Conditioning or conditioner should be sized in accordance with Chapter 22 of the ASHRAE Handbook of Fundamentals, 1989 edition, and ASHRAE Engineers' Handbook: Handbook of Fundamentals 1988 edition, with the load and perimeter law known.

INFORMATION PROVIDED BY THE MANUFACTURER NECESSARY TO CALCULATE SENSIBLE HEAT GAIN

Shade without windows and doors	<input checked="" type="checkbox"/> .09
Change windows if light color	<input type="checkbox"/> .05
Depth and width of overhang	<input checked="" type="checkbox"/> .05
Floor	<input checked="" type="checkbox"/> .07
Air ducts in floor	<input checked="" type="checkbox"/> .14
Air ducts in ceiling	<input type="checkbox"/> 0.0
Air ducts installed inside the home	<input checked="" type="checkbox"/> 0.0

The following are the built-in areas in this home:

Air ducts in floor	42.0 sq. ft.
Air ducts in ceiling	0.0 sq. ft.
Air ducts installed in home	0.0 sq. ft.

LFD VALUE ZONE MAP

