MANUFACTURING PLANT

Commodore Home Systems, Inc.
2415 Griffin Road
Leesburg, FL 32748

COMPLIANCE CERTIFICATE

12-15-80
Date of Manufacture

FE 2467A+B, 24X64 FP# 9213
Manufacturer's Serial Number and Model Unit Designation

Redco
Design approval by (D.A.P.I.A.)

If questions regarding the operation, maintenance, warranty or performance of this mobile home should arise please contact the dealer from whom it was purchased, the manufacturing plant listed below or:

Commodore Home Systems, Inc.
2415 Griffin Road
Leesburg, FL 32748

Answers to most questions regarding operation, installation, maintenance and design capabilities are found in the appropriate sections of the owner's maintenance and information manual and installation instructions furnished with each mobile home.

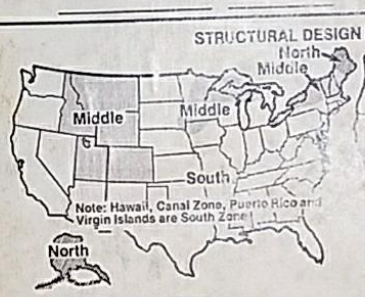
This mobile home is designed to comply with the federal mobile home safety standard in force at the time of manufacture.

The factory installed equipment includes:

Equipment	Manufacturer	Model No.
For heating	Intertherm	MG#075AA
For air cooling		
For cooking		
Refrigerator		
Water heater	Intertherm	45F30-30S

Equipment	Manufacturer	Model No.
Washer		
Clothes Dryer		
Dishwasher		
Garbage Disposal		
Other		

STRUCTURAL DESIGN BASIS CERTIFICATE



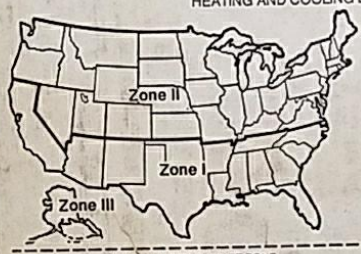
DESIGN ROOF LOAD ZONE MAP

✓	South	20 PSF	
	Middle	30 PSF	
	North	40 PSF	Other PSF

DESIGN WIND ZONE MAP

	Standard Wind	Zone I	15 PSF Horizontal / 9 PSF Uplift
	Hurricane Resistive	Zone II	25 PSF Horizontal / 15 PSF Uplift
	Other		PSF Horizontal / PSF Uplift

HEATING AND COOLING DESIGN BASIS CERTIFICATE



DESIGN WINTER CLIMATE ZONE

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 I ✓
Zone II ____ Zone III ____

INFORMATION PROVIDED BY THE MANUFACTURER NECESSARY TO CALCULATE SENSIBLE HEAT GAIN.

Walls (without windows and doors)	"U" = .120
Ceilings and roofs of light color	"U" = .098
Ceilings and roofs of dark color	"U" = NA
Floors	"U" = .141
Air ducts in floor	"U" = .198
Air ducts in ceiling	"U" = NA
Air ducts installed outside the home	"U" = .227
Heat transfer area to outside of home from air ducts located;	
Inside home	"Sq. Ft" = 176
Outside Home	"Sq. Ft" = 52

The above heating equipment has the capacity to maintain an average 70°F temperature in this home at outdoor temperatures of -2 °F.

To maximize furnace operating economy, and to conserve energy, it is recommended that this home be installed where the outdoor winter design temperature (97½%) is not higher than 62°F.

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

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 Systems of up to 60,000 BTU/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 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.

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, Refrigeration and Air Conditioning Engineers (ASHRAE) Handbooks of Fundamentals, once the location and orientation are known.

The heat distribution system in the build in this home is sized for a furnace system of up to 46,000 BTU/hr (output) rated capacity

ALTERNATE 2

DATA PLATE CODE 280.5