SOUTH

FILE COPY

NORTH

COMEORT HEATING

		Joint Oill HEATING		
This manufactured	home has been	thermally insulated	to conform with the	ne requirements
of the federal man				

within U/O value 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

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).

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

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 1989 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

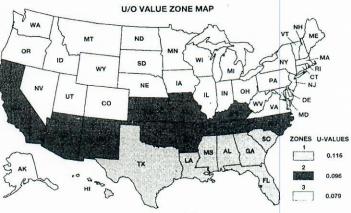
central air conditioning system of up to 27,408 B.T.U./hr. rated capacity which are certified in accordance with the appropriate air conditioning and refrigeration institute standards, when the air circulators of such air conditioners are rated at 0.3 inch water column static pressure or greater for 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.

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 1989 edition, once the location and orientation are known.

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

Walls (without windows and doors)	·4 1**	.09	
wais (without windows and doors)		.06	
Ceilings and roofs of light color)		.05	
Ceilings and roofs of dark color			_
Floors		14	
Air ducts in floor	"U"	.14	
Air ducts in ceiling	"U"-	.21	
Air ducts installed outside the home	<sup></sup> U"–	.23	
The following are the duct areas in this home:			
Air ducts in floor			_sq. ft.
Air ducts in ceiling		79'	_sq. ft.
Air ducts outside the home		0	_sq. ft.



FM-056 @Dec-O-Art, Inc. REV. 1/95 A