

INDUSTRIAL MANUFACTURING DIVISION OF MC 950
 2700 Sterling Drive
 Richmond, North Carolina 28007

TRA
 11-MC-01-92-01003 AM 52

COMPLIANCE CERTIFICATE

The manufacturer hereby certifies that the factory manufactured items conform to the applicable standards in force at time of manufacture.

The factory installed equipment includes:

Equipment	Manufacturer	Model Designation
For heating	MILLER	FAIRBANKS
For air cooling	GE	TRACAP
For cooling	GE	TRACAP
Water heater	hordyne	HSEITE 24051
Washer		
Clothes Dryer		
Dishwasher	GE	ES250P354V
Garbage Disposal		
Fireplace		
SMOKE DETECTOR	FIREX	H 182901
STEREO	FALCON	

STRUCTURAL DESIGN BASIS CERTIFICATE

DESIGN WIND ZONE MAP

Zone 1: Severe Risk (15 PSF horizontal & 15 PSF vertical)

Zone 2: Moderate Risk (10 PSF horizontal & 10 PSF vertical)

Zone 3: Light Risk (5 PSF horizontal & 5 PSF vertical)



DESIGN HOOF LOAD ZONE MAP

North: 40 PSF

Middle: 30 PSF

South: 20 PSF



HEATING AND COOLING DESIGN BASIS CERTIFICATE

The manufacturer certifies that the equipment is designed to operate in the climate conditions specified on the equipment nameplate.

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INFORMATION PROVIDED BY THE MANUFACTURER NECESSARY TO CALCULATE DESIGN WIND LOAD

Wind pressure on windward wall	1097
Wind pressure on roof	1030
Wind pressure on leeward wall	989
Wind pressure on windward roof	223
Wind pressure on leeward roof	222
Wind pressure on windward gable end	95
Wind pressure on leeward gable end	47

To determine the required capacity of equipment to cool the building and maintain a cooling load (see page reference) is required. The cooling load is determined by the volume, location and the structure of the building. Each of the following equipment is required and provide the greatest comfort when they operate under maximum efficiency and cooling load. Each item's air conditioner should be used in accordance with Chapter 22 of the American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc. Handbook of Fundamentals, when the location and condition are known.

