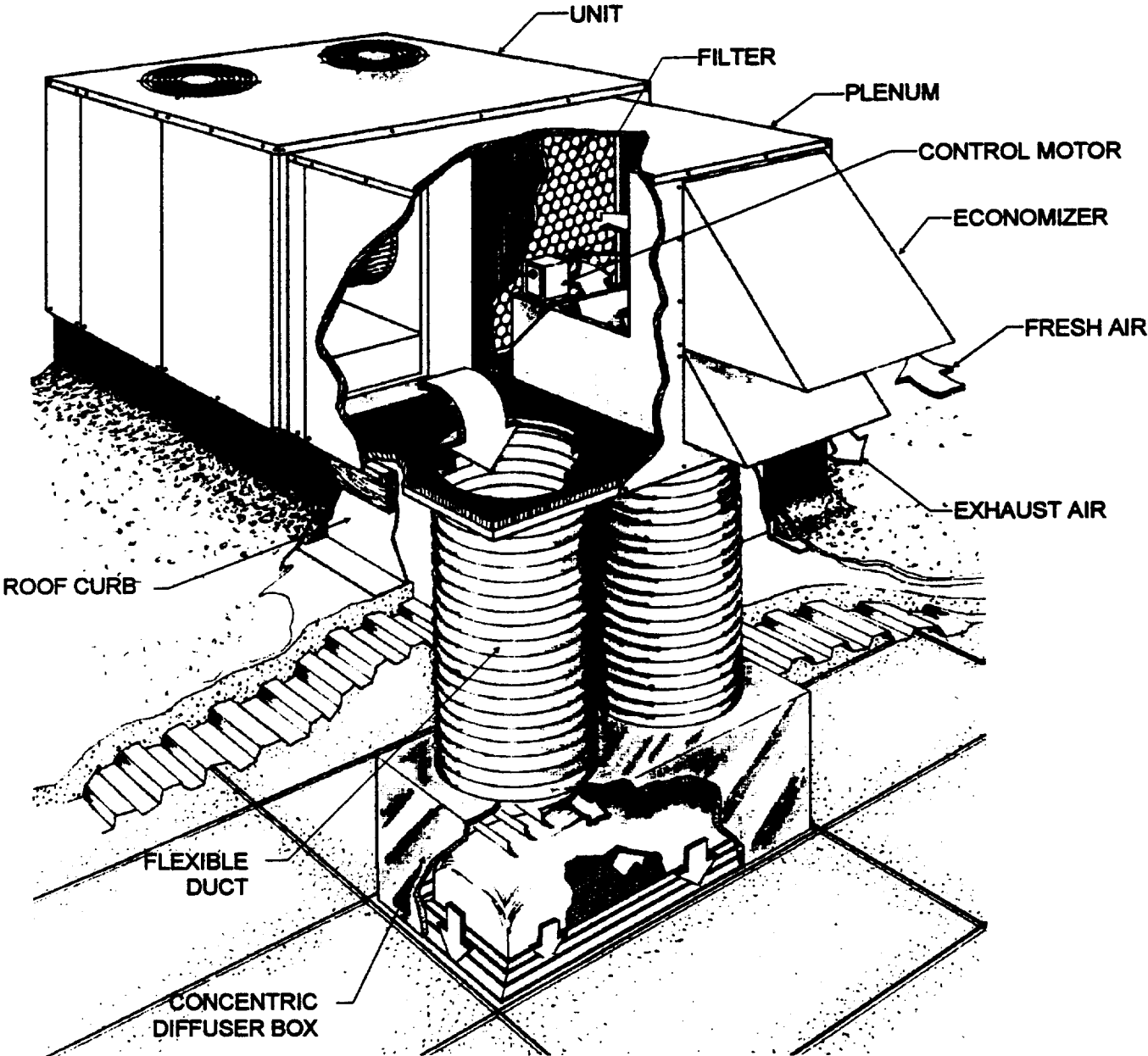


# INSTALLATION INSTRUCTIONS

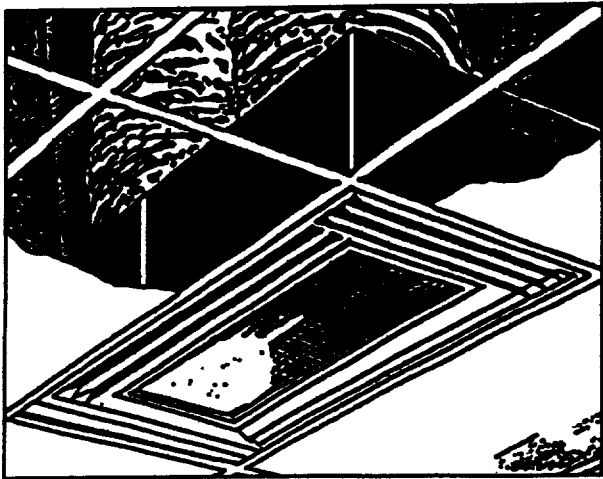
## INSTALLATION INSTRUCTIONS CONCENTRIC DIFFUSER

FORM# 597A-0296



# INSTALLATION INSTRUCTIONS

## INSTALLATION INSTRUCTIONS CONCENTRIC DIFFUSER



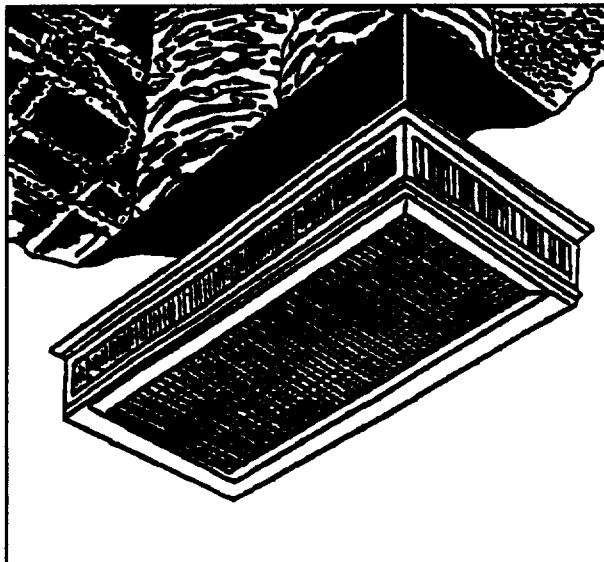
### FLUSH MOUNT CONCENTRIC DIFFUSER SYSTEMS

FD SERIES concentric diffuser systems, are designed to provide a single point air distribution system. The systems may be used with either a "T-Bar" ceiling or a plaster ceiling.

Standard features include:

1. All aluminum diffuser with aluminum return air eggcrate.
2. Built-in Anti-Sweat gasket.
3. Molded Fiberglass Transition (through five tons).
4. Built-in hanging supports.
5. Diffuser box constructed of fiberglass ductboard (through 7.5 tons) or sheet metal.

NORDYNE PART#
547836
547837
547870
547879



### SIDE DISCHARGE CONCENTRIC DIFFUSER SYSTEM

RTD SERIES concentric diffuser systems are designed to provide a single point air distribution system with the added benefit of having directional air control. The system may be used with either a "T-Bar" ceiling or a plaster ceiling.

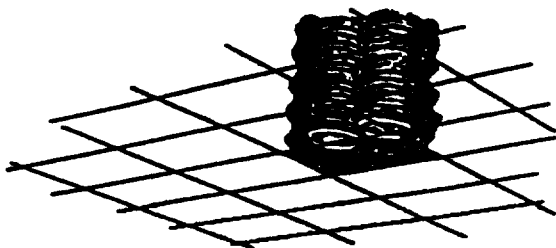
Standard features include:

1. All aluminum diffuser with aluminum return air eggcrate.
2. Double deflection diffuser with the blades secured by spring steel.
3. Built-in Anti-Sweat gasket.
4. Molded Fiberglass Transition. (through five tons).
5. Built-in hanging supports.
6. Diffuser box construction of fiberglass ductboard (through 7.5 tons) or sheet metal.

NORDYNE PART#
547838
547839
547871
547880

# INSTALLATION INSTRUCTIONS

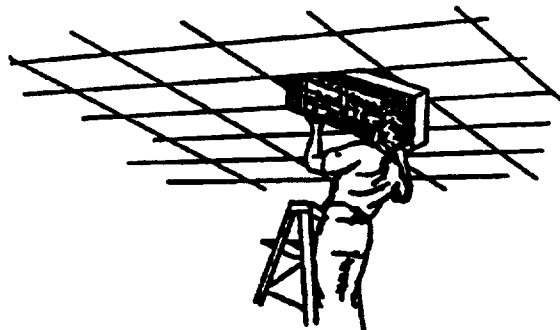
## INSTALLATION INSTRUCTIONS CONCENTRIC DIFFUSER



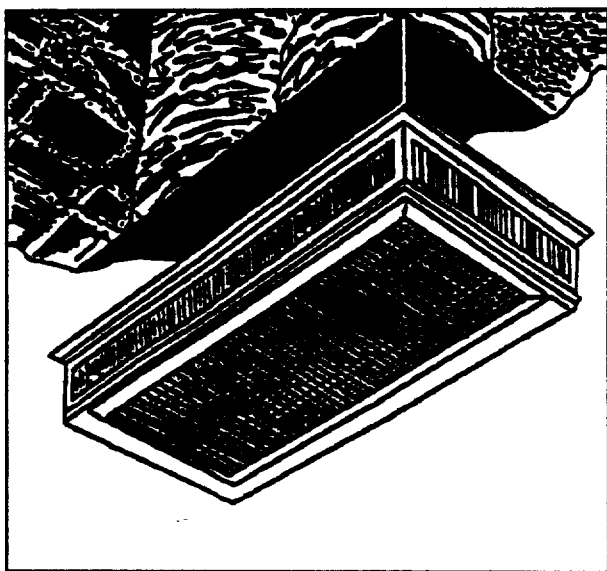
1. The flex duct hanging from the unit should be close to the ceiling opening for the diffuser, as shown at left. One or two extra ceiling tiles must be removed in order to attach diffuser and duct properly. The flex duct will allow for some misalignment between the unit and the diffuser.

2. (Before installing diffuser make sure that the four small chains with turn buckles are in position.) Insert the diffuser through the opening where it will be located and aligned on the T-Bars. Attach the flex duct or sheet metal duct and hanger chains to remove any strain on the T-Bars.

**Warning:** Be sure supply opening is located under supply opening on the A/C Unit.



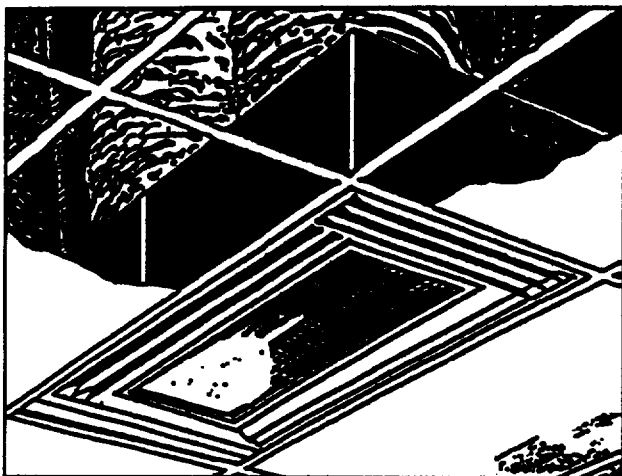
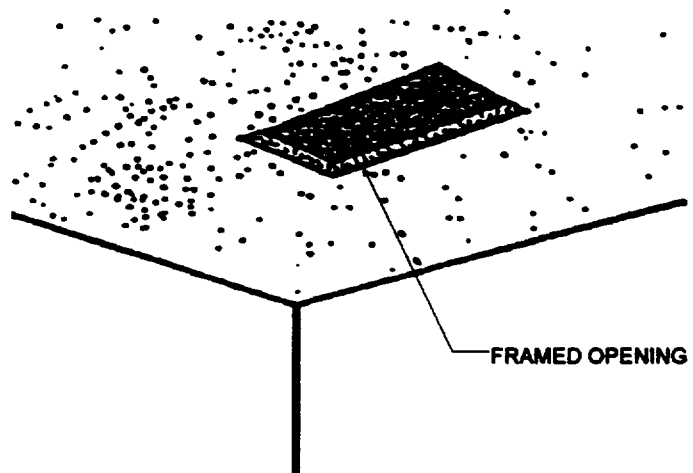
3. Make sure that the concentric diffuser is installed as shown in the picture at the right for proper support.



# INSTALLATION INSTRUCTIONS

## INSTALLATION INSTRUCTIONS CONCENTRIC DIFFUSER

1. Cut opening in ceiling 1/2 inch larger than the diffuser box dimension shown on specifications. (Note: The box dimensions is smaller than the diffuser dimension). Frame opening with 2" x 4" wood nailer.



2. Connect duct to the diffuser assembly and slide the diffuser and duct into framed opening and secure with screws. In applications where long duct drops are required, it is advisable to connect a wire to duct to pull it up to the roof curb.

**Warning:** Be sure that the supply opening is located under the supply opening of the A/C unit.

