

# Engineering Data

## Model DX-C-EM and NDX-C-EM

### MECHANICAL REQUIREMENTS:

The DX-C-EM minimum exhaust volume is 150 CFM per Lin. ft. The overall ventilator length determines the total exhaust volume. Refer to the Master Engineering Table to determine exhaust volume, duct sizes and static pressure.

### ELECTRICAL:

An optional Carroll start/stop switch Model CS200 can be provided for each exhaust fan. Refer to the CS200 Switch Spec Sheet for specifications and electrical details. If specified, lights must be on separate 120 Volt circuit.

### VENTILATOR LENGTHS:

Maximum unit length is 16'-0" (4877 mm). For greater length, two or more sections must be joined. Check to ensure that there is adequate access into building and kitchen area.

### HANGING WEIGHT:

50 LBS per linear foot of ventilator

74 Kg per linear meter of ventilator

Item No: \_\_\_\_\_

Length: \_\_\_\_\_ Width: \_\_\_\_\_

Height: \_\_\_\_\_ Est. Wt.: \_\_\_\_\_

Exhaust CFM: \_\_\_\_\_ S.P.: \_\_\_\_\_ Collar \_\_\_\_\_

Supply CFM: \_\_\_\_\_ S.P.: \_\_\_\_\_ Collar \_\_\_\_\_

Refer to **Master Engineering Tables** for:

- Pressure Drop Across Ventilator Table
- Static Pressure v CFM/Linear Ft. Table
- Exhaust Air Rate Table

Refer to **Air & Water-Side Tables** for:

- Air/Water Sizing Table Table
- Water-Wash Flow Rates Table
- Hot Water Inlet Pipe Sizing Table
- Drain Line Sizing Table

