

## **Model DX-C-S-**

### **PRODUCT SPECIFICATIONS**

Furnish Carroll Ventilator Model DX-C-S-\_\_\_\_\_ (ventilator with fire damper) or NDX-C-S-\_\_\_\_\_ (ventilator without fire damper) as shown on plans, in the depth indicated, in the overall length of \_\_\_\_\_ and to meet the following specifications:

**GENERAL DESCRIPTION:** Ventilator is a high velocity, centrifugal grease extractor with an air inlet that is parallel to the top surface of cooking equipment being ventilated. Grease extraction efficiency shall be 90% when properly installed and operated per Carroll recommendations. Ventilator shall contain one or more stainless steel extractor inserts with full-length self-draining baffles. Inserts shall remove easily for regular periodic cleaning. An integral grease collection gutter at the bottom of the extraction chamber shall slope to a removable stainless steel collection container located at one end of the ventilator.

Ventilator shall include means of hanging or otherwise supporting. The fire damper shall be ☐ 280°F with fuse link or ☐ thermostatically activated, with damper closer set to occur at 280°F. To reduce exhaust volume over specific cooking equipment, you must request ☐ Reduced Throat air baffles by adding the suffix "RT" to the model number.

**MAKE-UP AIR OPTIONS:** Ventilator shall include an air supply plenum with duct collar(s) and incorporate one of the following designs:

- ☐ Registers along the front panel for face discharge (add suffix "SR" to the model number)
- ☐ Perforated stainless steel front panels for face discharge (add suffix "SP" to model number)
- ☐ Vertical full-length adjustable register for perimeter downward discharge (add suffix "SV" to the model number)
- ☐ Adjustable registers for discharging directly into cavity of the ventilator (add suffix "SI" to the model number)

**CONSTRUCTION MATERIALS:** The ventilator shall be 18 gauge, type 304, all stainless steel construction. A number 4 finish shall be provided on all exposed surfaces.

**LIGHT FIXTURES:** Ventilator shall be equipped with ☐ 100 Watt Dome Incandescent or ☐ Recessed Fluorescent Fixtures. Light fixtures shall be pre-wired to a single connection point at the factory. Ventilators built in multiple sections shall be furnished with junction boxes for field connection by electrical contractor.

**APPROVALS:** Ventilator to be U.L. Listed, listed by NSF and in accordance with all recommendations of NFPA 96. The ventilator must meet all applicable codes.