

## **Model W1-C-MS**

### **PRODUCT SPECIFICATIONS**

Furnish Carroll Ventilator Model W1-C-MS-\_\_\_\_\_ (ventilator with fire damper) or NW1-C-MS-\_\_\_\_\_ (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 two air inlet slots, one on each side of a single extractor. One slot shall have an adjustable baffle for regulating the ratio of exhaust volume between the slots. Grease extraction efficiency shall be 95% when properly installed and operated per Carroll recommendations. Extracted grease to be accumulated out of the exhaust air stream on fixed-in-place, full length, self-draining internal baffles, and removed periodically during the hot water/detergent cleaning cycle as controlled by the FWC Control Panel. Full-length non-gasketed, quick-opening latch type hinged inspection doors to be provided for inspection and servicing of extraction chamber and wash manifold.

Ventilator shall include means of hanging or otherwise supporting. The fire damper shall be ☐ 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.

**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 150 Watt 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.