



SPECIFICATION

NOVEO ECOHOOD™ ON DEMANDE EXHAUST SYSTEM

1. Equipment

- Noveo Ecohood™ display panel
- 24VAC /40-75VA Power connection required
- Opacity sensors
- Averaging heat sensors
- RJ 45 Category 5 pre-assembled color coded control wiring
- Stainless steel installation hardware to suit hood configuration

2. Standard Features

- Fully modulated exhaust upon opacity detection
- Hand « by-pass » / Off / Auto switch to permit electronic by-pass of ECP-DP panel
- Operation statistics available for energy management
- Illuminated LCD screen for viewing operational status and program energy control parameters
- Auto Tare adjustment (Zero) should dust or grease accumulate on opacity sensor windows, maintains readings for maximum controlled exhaust efficiency

3. Ecohood™ Operation

- Upon detection of cooking effluent by the optical sensors, the exhaust fan automatically modulates a level to ensure adequate capture and containment
- Upon detection of increasing hood temperature by the averaging temperature sensors, the exhaust fan modulates to maintain the set point value
- Exhaust fan automatically modulates up or down, to control exhaust of cooking effluent, at an effective and efficient level
- Adjustable set points to suit customer requirements
- In the absence of effluent and with detection of temperature below set point, the system “sleeps”, to save energy
- Upon effluent detection and/or temperature increase, Ecohood™ « wakes up » and resumes normal operation (fully modulated control system)
- When the cooking surface is turned on (before actual effluent begins), the temperature probe initiates exhaust start-up

4. Benefits

- Operator not required. Ecohood™ control system is completely autonomous “stand alone”
- Sensor ventilation not required
- Operation statistics available for energy management
- Optical sensors contained in round stainless steel sealed housing, designed to minimize dust and grease accumulation
- Washable sensor windows

5. Optional Equipment

- Multiple ECP-DP panels can be installed to control as many pairs of optic sensors and temperature sensors as required
- Hand « by-pass » / Off / Auto
- NEMA 12 control panel