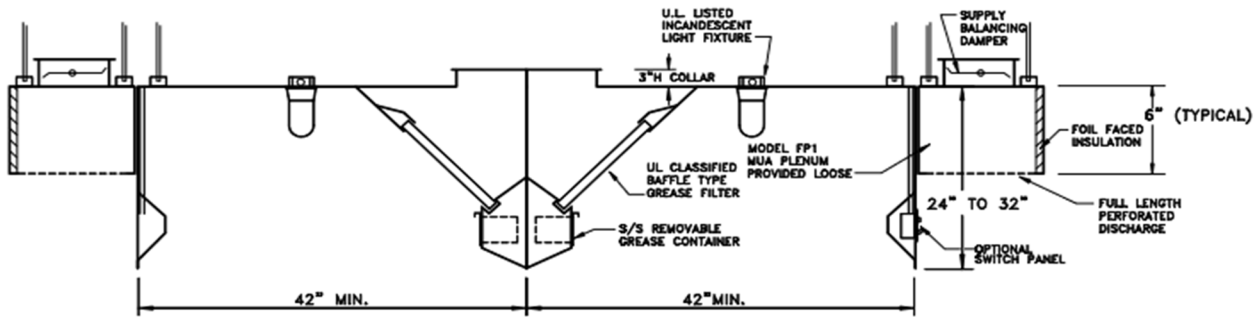


# Specifications and Options

## Exhaust & Front Supply Plenum (Perforated) – Model EC-I-FP1



### Hood Specifications:

**-Material:** Exposed hood areas constructed of 18 gauge type 304 stainless steel or 430 stainless steel with # 3 polish. Unexposed areas constructed of 18 gauge aluminized steel.

**-Construction:** Exterior shell of hood is continuously welded liquid tight per NFPA-96. All exposed joints and seams are polished to the original finish. Hood front is double shell construction for added hood front rigidity at all hood lengths.

**-3" Rear Standoff:** Non-insulated, factory installed at rear of hood provides 3" clearance to rear wall.

**-Lights:** U.L. Listed Incandescent type light fixtures located on 3' to 4' centers. Lights include shatterproof globes. Lights are pre-wired to junction box at top of hood.

**-Filters:** U.L. Classified heavy duty aluminum or stainless steel baffle type grease filters located in hood filter frame assembly. Filters are removable for cleaning.

**-Grease Container:** Concealed stainless steel removable grease container located in hood interior isolated from airstream.

**-Hanger Brackets:** Heavy steel 6" uni-strut hanger brackets at hood top with adjustable spring loaded rod coupling for 1/2" threaded hanger rod.

**-Exhaust Duct Collar:** 3" High Exhaust duct collar is factory installed in top of hood or shipped loose for field location. Duct collar contains perimeter welding flange for field welding of exhaust duct.

**-Approvals:** Hood is ETL Listed to conform to U.L. 710 standards. Hood is NSF Listed and built in strict accordance with the latest edition of National Fire Protection Association, NFPA-96

### Hood Options:

**-Material:** Entire hood constructed of 18 gauge or 16 gauge stainless steel or aluminized steel.

**-Lights:** U.L. Listed Recessed fluorescent type or LED light fixtures available, double tube style in 3' or 4' lengths.

**-Filters:** U.L. Classified heavy duty stainless steel baffle type grease filters.

**-Grease Extractors:** All stainless steel construction high velocity grease extractor for up to 95% grease containment.

**-Switch Panel:** Hood mounted or provide loose for wall mounting. Panel may contain various light and fan switch combinations as required for system operation.

**-3" Standoff:** Insulated or Non-insulated, factory installed at hood ends or top as required for clearance to combustible or limited combustible surfaces.

**-Ceiling Closure Panels:** Closure panels to close off space between top of hood and ceiling as required can be factory installed to hood top or provided loose for field installation. **-Side Skirts:** Left or Right end skirt to close off end of hood as required.

**-Wall Panels:** S/S construction wall panels provided loose for field installation behind hood.

**-Fire Control Cabinet:** Fabricated onto left or right end of hood to contain fire system controls and electrical controls as required.

**-Zero Clearance:** Using approved methods of insulating a hood for Zero Clearance to combustibles for the front, top, and sides of the hood.

**-Side Skirts:** Left or Right end skirt to close off end of hood as required.

## Specifications and Options

### Exhaust & Front Supply Plenum (Perforated) – Model EC-I-FP1

#### **CFM Information Data – Island Mounted Application –Model EC-I-FP1**

Cooking Equipment	Max Surface Cooking Temp. Degrees F.	Exhaust CFM Per Foot of Hood Length	Supply CFM Thru Hood Front (% of Exhaust))	Supply CFM Introduced thru HVAC Unit
<b>Light Cooking Load –</b> <i>Ovens, Kettles, Ranges, Steam Equipment, Rotisseries</i>	400 Degrees F	304 (152 Per Side)	Up to 100%	N/A
<b>Medium Cooking Load-</b> <i>Griddles, Fryers, Braising Pans, Skillets, Salamanders, Upright Broilers</i>	600 Degrees F.	400 (200 Per Side)	Up to 100%	N/A
<b>Heavy Cooking Load-</b> <i>Electric or Gas Char-broilers, Wok Ranges</i>	700 Degrees F.	550 (275 Per Side)	Up to 100%	N/A

**Hood Internal Static Pressure Losses:**

**Light Cooking Load:** Exhaust = .55" (w/Baffle Type Filters), .75" (w/GRX High Velocity Extractors) Supply=.20"

**Medium Cooking Load:** Exhaust = .60" (w/Baffle Type Filters), .85" (w/GRX High Velocity Extractors) Supply=.25"

**Heavy Cooking Load:** Exhaust = .55" (w/Baffle Type Filters), .97" (w/GRX High Velocity Extractors) Supply=.32"