

EconAir 5424EX-2-PSP-F-18FT

18 FT Type I Exhaust-Only Hood — Wall Mounted or Double Island Configuration

SKU	ECO-PROTO 18	Manufacturer	EconAir (a brand of CaptiveAire)
Model Number	5424EX-2-PSP-F-18FT	Hood Series	Model EX-2 – Exhaust Only Hood
Hood Type	Type I	Nominal Weight	920 lbs



Manufacturer product image — EconAir Model EX-2 Exhaust-Only Hood (source: econair.com)

Features at a Glance

- ETL Listed and ETL Sanitation Listed Product
- Superior Exhaust Flow Rates
- Exceptional Capture and Containment of Cooking Vapors
- Wall or Back-to-Back Island Configurations
- Front Design Directs Air into Filters
- Stainless Steel Construction
- Double Wall, Insulated Front
- Heavy Duty Grease Baffle Filters
- Grease Drain System
- Pre-punched Hanging Angles
- Factory Pre-wired Lighting

EX-2 Specifications

Description: The model EX-2 is a Type I, wall mounted or double island, exhaust canopy used for collection and removal of grease-laden vapors and smoke over all types of restaurant equipment.

Application: The hood shall provide flexibility in designing kitchen ventilation equipment and shall be tested and listed for use over 450°F light/medium duty cooking surfaces; 600°F heavy duty cooking surfaces; and up to 700°F extra heavy duty cooking surfaces.

Construction: The hood shall be constructed of type 430 stainless steel with #3 or #4 polish where exposed. All seams shall be welded or in conformance with UL 710 standards. Unexposed surfaces shall be constructed of aluminized steel. All seams, joints and penetrations of the hood where grease-laden vapors and exhaust gases

are present must be liquid-tight, continuous external weld in accordance with NFPA 96.

The hood shall be constructed to include:

- A double wall insulated front to eliminate condensation and increase rigidity (flexural modulus of 475 EI, meets UL 181, NFPA 90A/90B).
- An integral front baffle to direct grease-laden vapors toward the exhaust filter bank.
- An integral grease drain system on the hood back, minimum 1/8" per foot slope, with removable 1/2 pint grease cup.
- A built-in wiring chase for electrical controls on the front face of the hood.
- UL incandescent light fixtures and globes, up to a 100 watt standard light bulb, pre-wired to a junction box.
- Exhaust duct collar 4" high with 1" flange.
- A minimum of four connections for hanger rods (9/16" holes pre-punched in 1 1/2" x 1 1/2" angle iron).
- UL Classified aluminum baffle filters, sized per the hood's dimensional parameters.

Certifications: The hood shall be ETL Listed, comply with UL 710 Standards, and shall be built in accordance with NFPA 96. Hood shall be tested for compliance with the ETL Sanitation Mark.

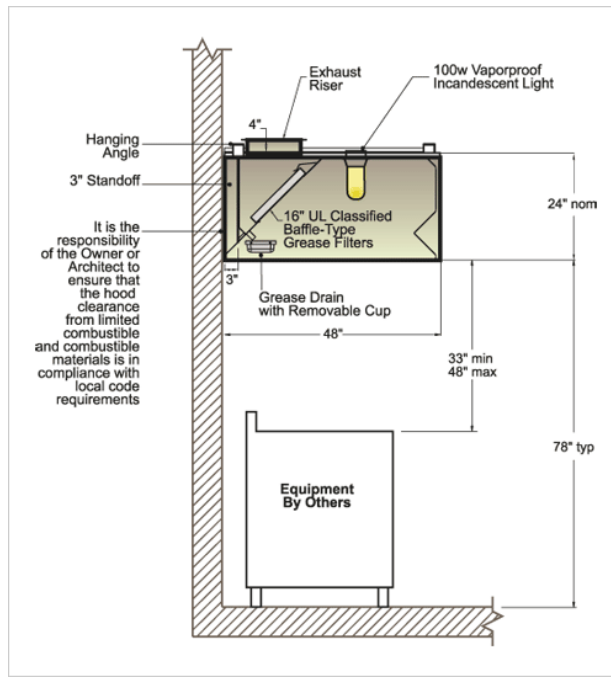
Documentation: Manufacturer shall furnish complete computer generated submittal drawings including hood section view(s), plan view(s), duct sizing, and CFM and static pressure requirements.

Performance Data

Avg. Cooking Surface Temp / Application	Configuration	Min. Exhaust CFM/ft
450°F — Ovens, Steamers, Kettles, Open-Burner Ranges, Griddles, Fryers	Single Wall Hood	150
	2 Wall Hoods Back-to-Back (island)	300
600°F — Gas Charbroilers, Electric Charbroilers	Single Wall Hood	200
	2 Wall Hoods Back-to-Back (island)	400
700°F — Mesquite Grills, Charcoal Charbroilers, Gas Conveyor Charbroilers	Single Wall Hood	250
	2 Wall Hoods Back-to-Back (island)	500

Recommended duct sizing: exhaust based on 1,500 FPM velocity.

Sectional View (Model EX-2, general reference)



Source: EconAir official website (econair.com/hoods/ex2.asp)

As-Configured Bill of Material — SKU ECO-PROTO 18

The following configuration is published on the ChefsDeal product page for this exact SKU (Job #3486643) and reflects the specific options built into this 18 FT unit (shown as two 9 ft hood sections):

Hood #1 — Job #3486643

- 5424EX-2-PSP-F — 9ft 0" Long Exhaust-Only Wall Canopy Hood with 16" Wide Front Perforated Supply Plenum, Built-in 3" Back Standoff × 1
- 430 SS Where Exposed × 1
- L55 Series E26 Canopy Light Fixture — High Temp Assembly w/ Clear Thermal & Shock Resistant Globe × 3
- Filter — 20" tall x 16" wide Kleen-Gard Stainless Steel Baffle Filter, UL Classified × 6
- Exhaust Riser — Factory installed 16" Diameter x 4" Height × 1
- Supply Riser — 12" x 28" with Volume Dampers × 2
- 1/2 Pint Grease Cup, New Style, Flanged Slotted × 2

Hood #2 — Job #3486643

- 5424EX-2-PSP-F — 9ft 0" Long Exhaust-Only Wall Canopy Hood with 16" Wide Front Perforated Supply Plenum, Built-in 3" Back Standoff × 1
- 430 SS Where Exposed × 1
- L55 Series E26 Canopy Light Fixture — High Temp Assembly w/ Clear Thermal & Shock Resistant Globe × 3
- Filter — 20" tall x 16" wide Kleen-Gard Stainless Steel Baffle Filter, UL Classified × 6
- Exhaust Riser — Factory installed 16" Diameter x 4" Height × 1
- Supply Riser — 12" x 28" with Volume Dampers × 2
- 1/2 Pint Grease Cup, New Style, Flanged Slotted × 2
- Utility Cabinet on the Right Side — 12.00" W x 54.00" L x 24.00" H × 1
- Electrical Package Installation in Utility Cabinet by Plant × 1

Note: EconAir does not publish a separate printable (PDF) cut sheet for the EX-2 model; the manufacturer presents all technical data only on its own website's HTML page. This document was prepared by combining the content from that official page with

the SKU-specific configuration information from the ChefsDeal product page.

Sources: econair.com/hoods/ex2.asp (manufacturer) · econair.com/images/ex2.jpg (product photo) · econair.com/images/sv_ex2.gif (sectional drawing) · chefsdeal.com product page for SKU ECO-PROTO 18 (as-configured bill of material).