



Project Name/No: \_\_\_\_\_ Item No: \_\_\_\_\_

Quantity: \_\_\_\_\_ SIS#: \_\_\_\_\_ AIA/CSI#: \_\_\_\_\_

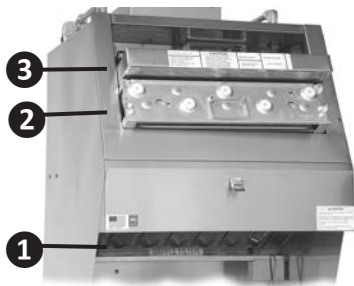
# Free-Standing Ventless Recirculating Hood

## Model FSH-2A-99



- Free-standing design allows you to add deep fryers to the cook line without need for expensive building modifications or costly expansion of an existing conventional ventilation system.
- Venting to the outside is not necessary ... not for every situation, but often a FSH-2A-99 hood can be used where traditional hood solutions are prohibited or do not fit within your budget ... *however, vented hood solutions should always be the first alternative considered.*
- Improved headroom inside hood ... ideal for pressure fryers with hinged lids & fryers equipped with basket lifts.
- Accommodates appliances 10" to 24" wide & fits under an 8-foot ceiling.
- UL listed for use with **electric fryers only** & features Giles' proven 3-stage air cleaning system to capture & remove grease-laden cooking vapors. Listed to **UL-YZCT (Canadian UL-YZCT-7) ... complies with ANSI/UL-710B.**
- Features factory-installed, self-contained **Ansul® R102 Wet Chemical Fire Suppression System**, consisting of *Automan* release mechanism, 1-1/2 gallon tank, piping, discharge nozzles, detector link brackets & cable conduit. **Customer must provide for final field installation, set-up, charging & commissioning ... work must be performed by an authorized Ansul® Distributor/Dealer ... not included with hood purchase.**

### Design Features



#### Ventless Hood 3-Stage Air Cleaning:

- Stage 1** - Stainless steel Baffle Filter traps large grease particulate.
- Stage 2** - Sustainable Electronic Air Cleaner (E.A.C.) electrostatically captures & collects fine particulate on fins within the cell.
- Stage 3** - Disposable Charcoal Filter helps to control cooking odors in the recirculated air.

#### Standard Features:

- Built-in interlock relay for powering fryer under the hood.
- Complete filter set.
- Built-in fire suppression system.
- **PUSH-TO-START** switch ... hood must be manually restarted after any power interruption, in order to power appliance underneath.
- Adjustable leveling legs.
- Exhaust Air Diverter - reduces required ceiling clearance.

#### Optional Features:

- Interlocked appliance power receptacle installed in the hood stand. **50A max load.**

#### IMPORTANT INFORMATION !!

Orders for GILES Recirculating/Ventless Hood systems will not be accepted until Giles verifies ... 1). the Purchaser has received all necessary approvals from local authorities ... 2). the cooking appliance to be used is within the hood's listing limitations ... 3). the Purchaser is aware of specific requirements & limitations with which installation must comply, as stated in the **GFSE Recirculating/Ventless Hood Approval Letter (HAL)**. The **Approval Letter** must be fully completed & submitted, along with any other requested information, and must be approved by **Giles Technical Services** personnel before an order will be accepted.

The HAL document is available for review & download by clicking here:

[HOOD APPROVAL LETTER](#)

### Appliance Limits: **IMPORTANT! HOOD LISTED ONLY FOR USE WITH ELECTRICALLY HEATED APPLIANCES ... NO GAS**

**Hood listed for FRYERS only ... must conform to the following limits:**

- Maximum power: **20 kW**
- Maximum cooking surface area: **380 sq in [2,452 sq cm]**
- Maximum cooking temp: **350°F [177°C]**
- Maximum shortening capacity: **110 lbs [50 kg]**
- Fryer width (side to side): **10" [254 mm] to 24" [610 mm]**

**GILES Food Service Equipment** ▪ ISO 9001-2015 Registered

PO Box 210247; 2750 Gunter Park Drive W; Montgomery, AL 36109 USA

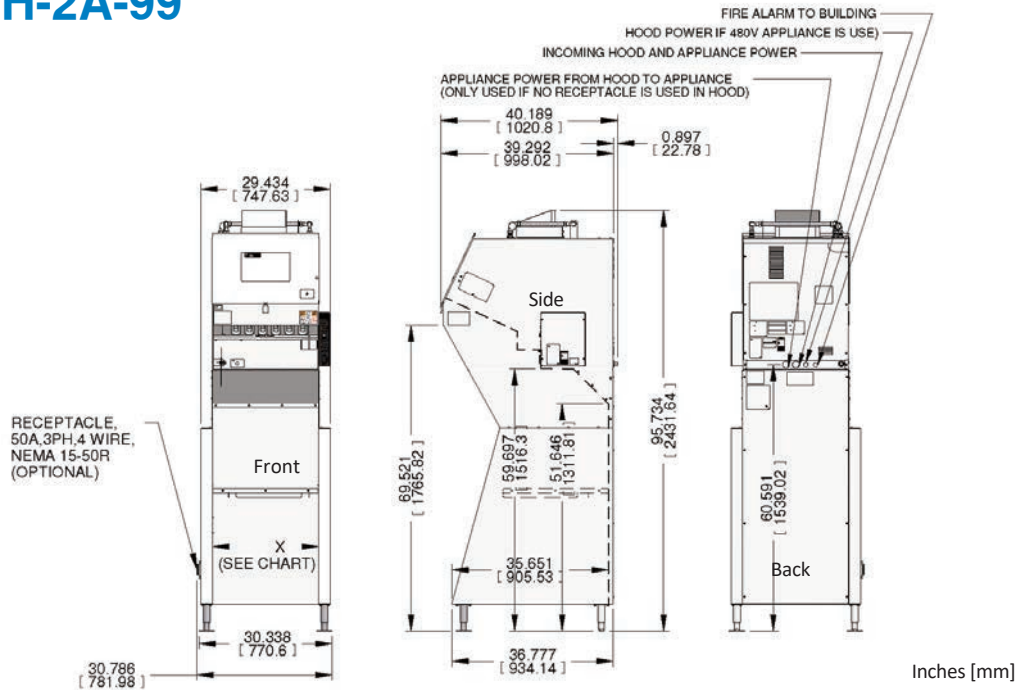
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# Ventless Hood Model FSH-2A-99

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## Specifications

**Construction:** 16, 18 & 20-ga. stainless steel ... aluminized steel where applicable

Dimensions:		
Width	Depth	Height
30-7/16" [748 mm]	40-3/16" [1021 mm]	95-47/64" [2432 mm]

Electrical Specifications: (Hood Only)		
Voltage	Phase	Amps
208-240	1 or 3	5
<ul style="list-style-type: none"> <li>Power cord NOT provided; field wired.</li> </ul>		

### Ventless Hood:

- Exhaust: 510 - 680 CFM
- Approx. Sound Level: 65 dB

### Shipping Specifications: Freight Class 125

Width	Length	Height	Cube	Crated Weight
46" [1168 mm]	106" [2692 mm]	48" [1219 mm]	135.4 cu ft [3.83 cu m]	595 lbs [270 kg]

**Accessory Items Included:** Baffle Filter • EAC Filter Cell • Charcoal Filter • (1) Can, Spray Foam EAC Cell Cleaner (sample)

## IMPORTANT! Before Ordering

- Purchaser must obtain, read, complete, and submit the Giles Hood Approval Letter (HAL) for approval. By signing the HAL, Purchaser affirms that the intended installation site has been assessed and that it is in compliance with the minimum requirements, stated therein ... kitchen size, ceiling height, fresh outside air supply, room air exchange rate, exhaust ventilation, clearances, etc.
- Verify that fryer to be used is within limits shown on first page ... contact factory to resolve any questions.
- Does available electrical power meet hood specifications?

## How To Specify

### 1 Specify Appliance Opening (X)

Oversize 1/8" to 1/4" [3.2 mm - 6.4 mm] for clearance.

✓	Opening Designation	Width (X)	✓	Opening Designation	Width (X)
	A	24-1/8 [613]		E	15-5/8 [397]
	B	20-1/8 [511]		F	15-1/8 [384]
	C	18-5/8 [473]		G	14-1/8 [359]
	D	16-1/8 [410]		H	10-1/8 [257]

### 2 Determine Base Part Number

Choose from the following:

✓	Voltage	Hz	Ph	Filter Type	Part No.
	208-240	60	3	EAC	71831
	208-240	60	3	HEPA	71832

### 3 Select Options to be Factory Installed

Add OPTION CODE (or Codes in ascending order) to base part number, e.g. XXXXX-1, XXXXX-5. Standard Hood = only part no..

✓	Code	Description
	--	STANDARD - NO OPTIONS
	5	APPLIANCE RECEPTACLE, 3-PH, 50A, NEMA 15-50R

### 4 Extra Accessories (sold separately)

✓	Qty	Description	Part No.
		Baffle Filter	43200
		E.A.C. Collector Cell	20520
		Charcoal Filter	30248
		Foaming Spray EAC Cleaner (12-ct Case, 20-oz Cans)	41510

### 5 Shipping - Specify shipping method

Giles reserves the right to change specifications and/or product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacement with respect to previously purchased equipment.

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