

Quick Specification Guide



Free Standing Ventless Hoods



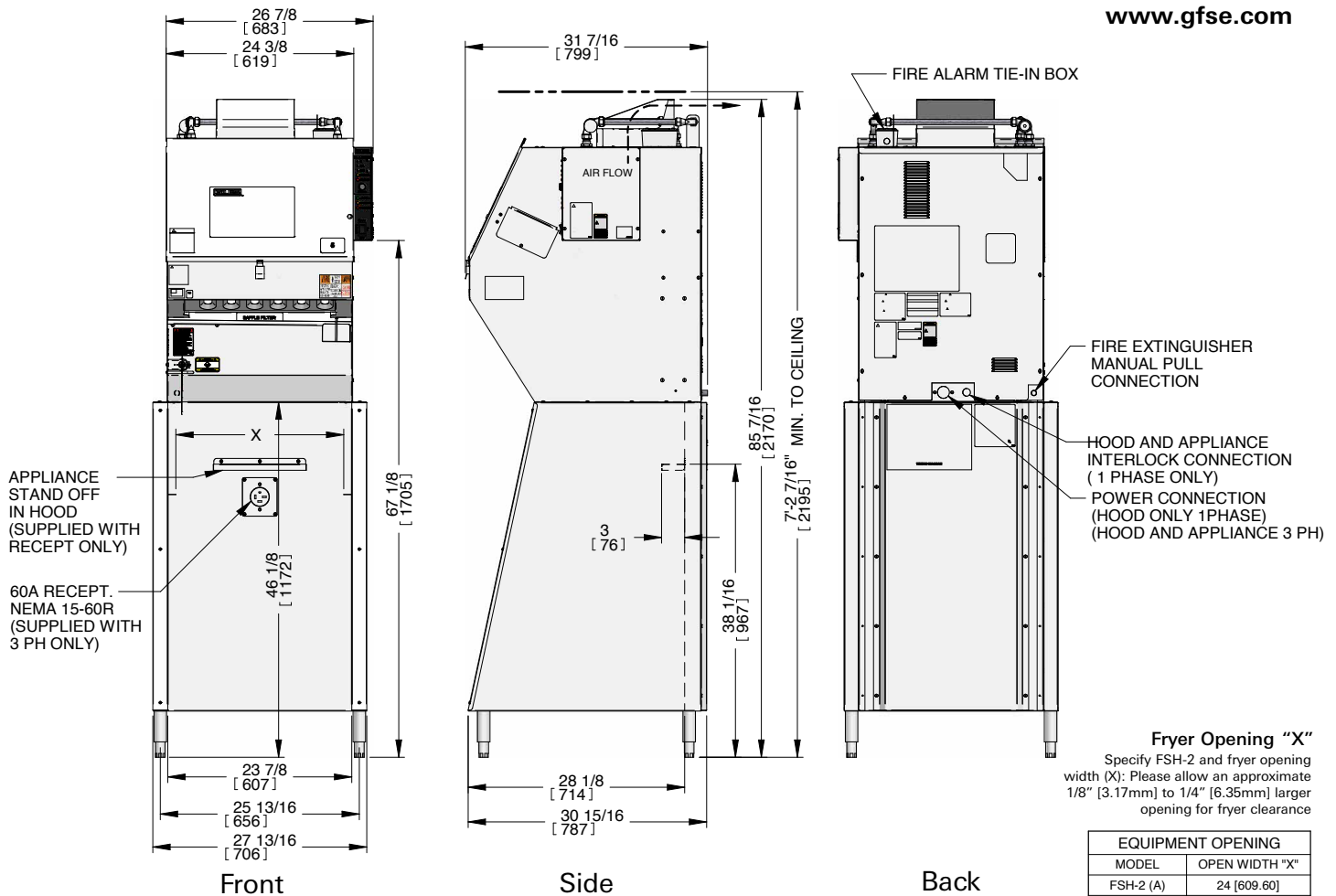
PROVEN & TRUSTED SINCE 1952

FSH-2



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Appliance constraint criteria **MUST** be followed and **MUST** not exceed the listed maximums.
Site visits are required for any Giles Recirculating Hood installation.

Inches [millimeters]

Electric Fryer Constraints

The FSH-2 and FSH-2A99 are designed specifically for **ELECTRIC FRYERS**. The appliance placed under these hoods must meet the following specifications:

- Maximum electrical input of 20kW
- Maximum cooking surface area of 380 sq. in. [0.245 cu. meter]
- Maximum fry tank capacity of 110 lbs [50 kg] shortening.
- Fryer width (side to side) from 24" [610 mm] to 10" [254 mm] ('X' above)

Installation Requirements (Standard open fryers / "No Auto Basket Lift" fryers)

Distance from ceiling (exhaust outlet)	Recommended, 0" (0cm)
Distance from combustibles (sides)	Sides, 0" (0 cm)
Distance from combustibles (Back & Top)	0" (0 cm)
Mounting height above appliance	N/A
Minimum ceiling height	90" (229cm)
Fire Suppression System	Ansul R-102 Wet system Included ***

***Final installation, charging and testing of the system must be performed by an authorized Ansul distributor or other qualified fire protection agent. This is the sole responsibility of the customer and is **NOT** included with the fryer purchase

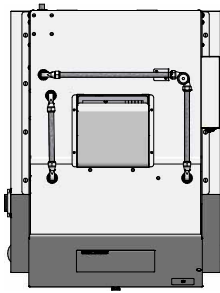
FSH-2A-99



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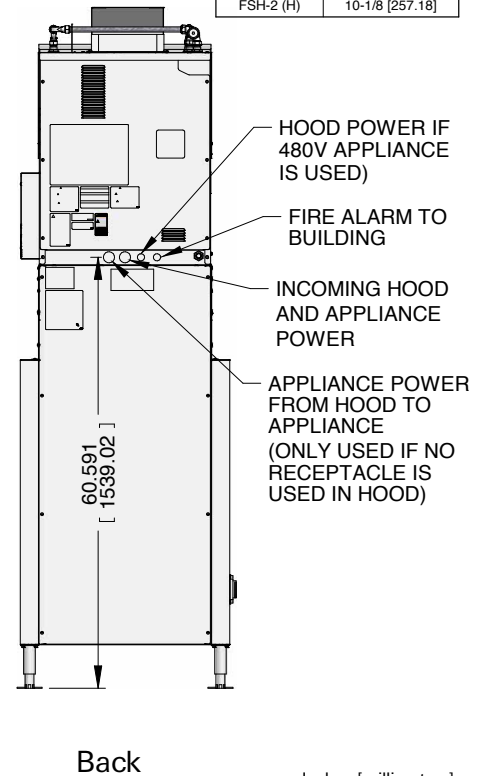
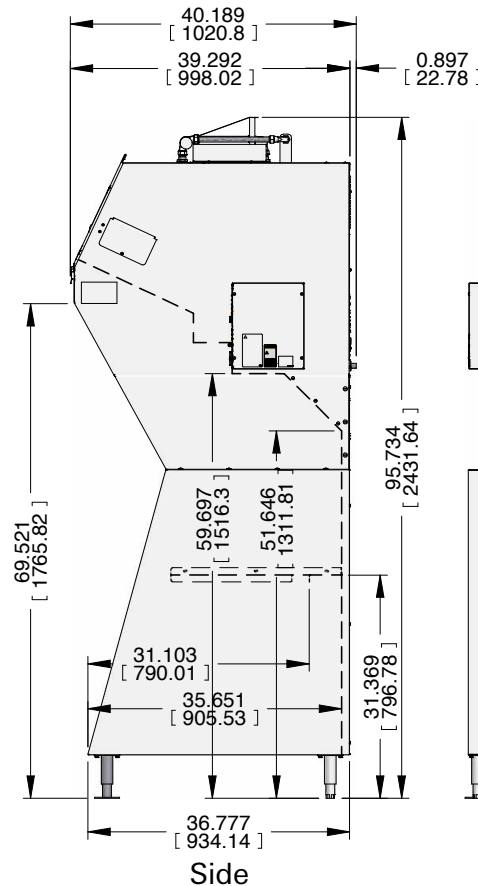
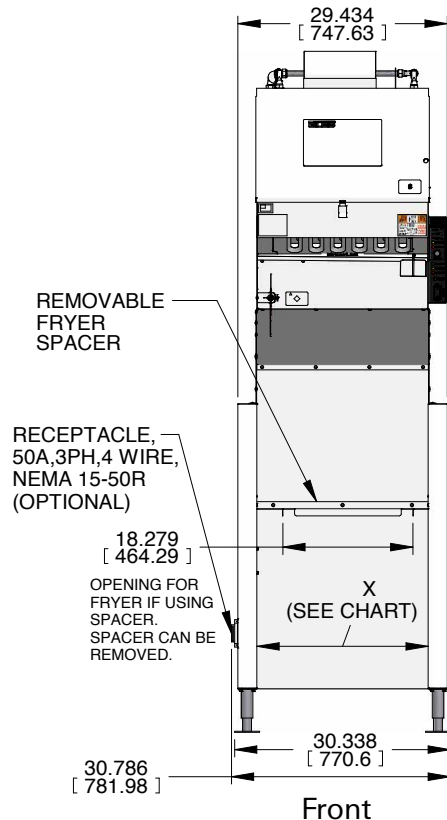
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Fryer Opening "X"

Specify FSH-2 and fryer opening width (X): Please allow an approximate 1/8" [3.17mm] to 1/4" [6.35mm] larger opening for fryer clearance

EQUIPMENT OPENING	
MODEL	OPEN WIDTH "X"
FSH-2 (A)	24 [609.60]
FSH-2 (B)	20-1/8 [511.18]
FSH-2 (C)	18-5/8 [473.08]
FSH-2 (D)	16-18 [409.58]
FSH-2 (E)	15-5/8 [396.88]
FSH-2 (F)	15-1/8 [384.18]
FSH-2 (G)	14-1/8 [358.78]
FSH-2 (H)	10-1/8 [257.18]



Inches [millimeters]

Electric Fryer Constraints

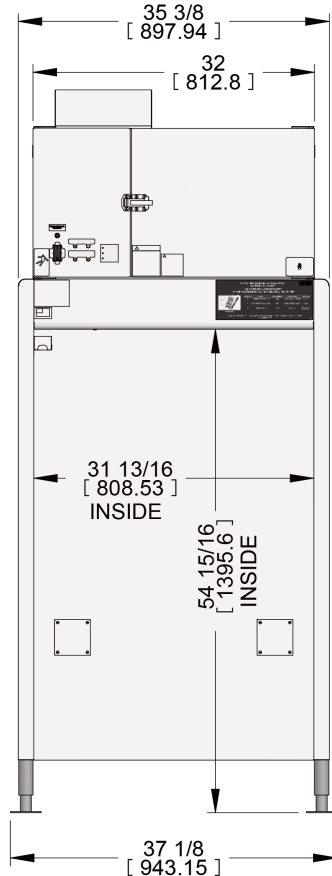
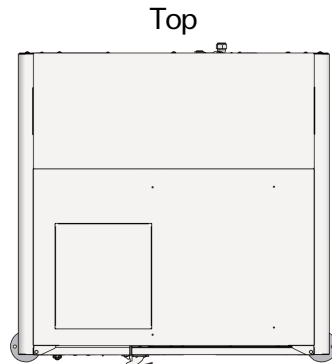
The FSH-2 and FSH-2A-99 are designed specifically for **ELECTRIC FRYERS**. The appliance placed under these hoods must meet the following specifications:

- Maximum electrical input of 20kW
- Maximum cooking surface area of 380 sq. in. [0.245 cu. meter]
- Maximum fry tank capacity of 110 lbs [50 kg] shortening.
- Fryer width (side to side) from 24" [610 mm] to 10" [254 mm] ('X' above)

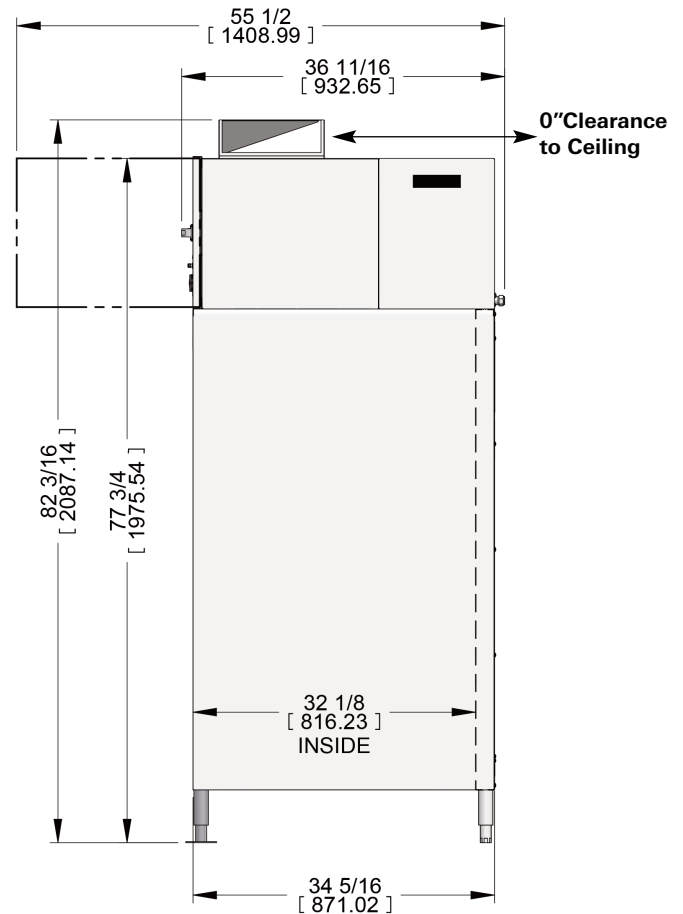
Installation Requirements (Auto Basket Lift or Pressure Fryers)

Distance from ceiling (exhaust outlet)	Recommended, 0" (0cm)
Distance from combustibles (sides)	Sides, 0" (0 cm)
Distance from combustibles (Back & Top)	0" (0 cm)
Mounting height above appliance	N/A
Minimum ceiling height	90" (229cm)
Fire Suppression System	Ansul R-102 Wet system Included ***

***Final installation, charging and testing of the system must be performed by an authorized Ansul distributor or other qualified fire protection agent. This is the sole responsibility of the customer and is **NOT** included with the fryer purchase



Front



Side

Inches [millimeters]

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installation.

Appliance Constraints: Hood approved ONLY for use with electrically heated appliance

A* - Min. horizontal distance (in) from each side of the appliance heating area to hood skirt side.

B* - Min. horizontal distance (in) from hood front overhang to appliance's heating area.

C* - Min. vertical distance (in) from hood front overhang to appliance's heating area.

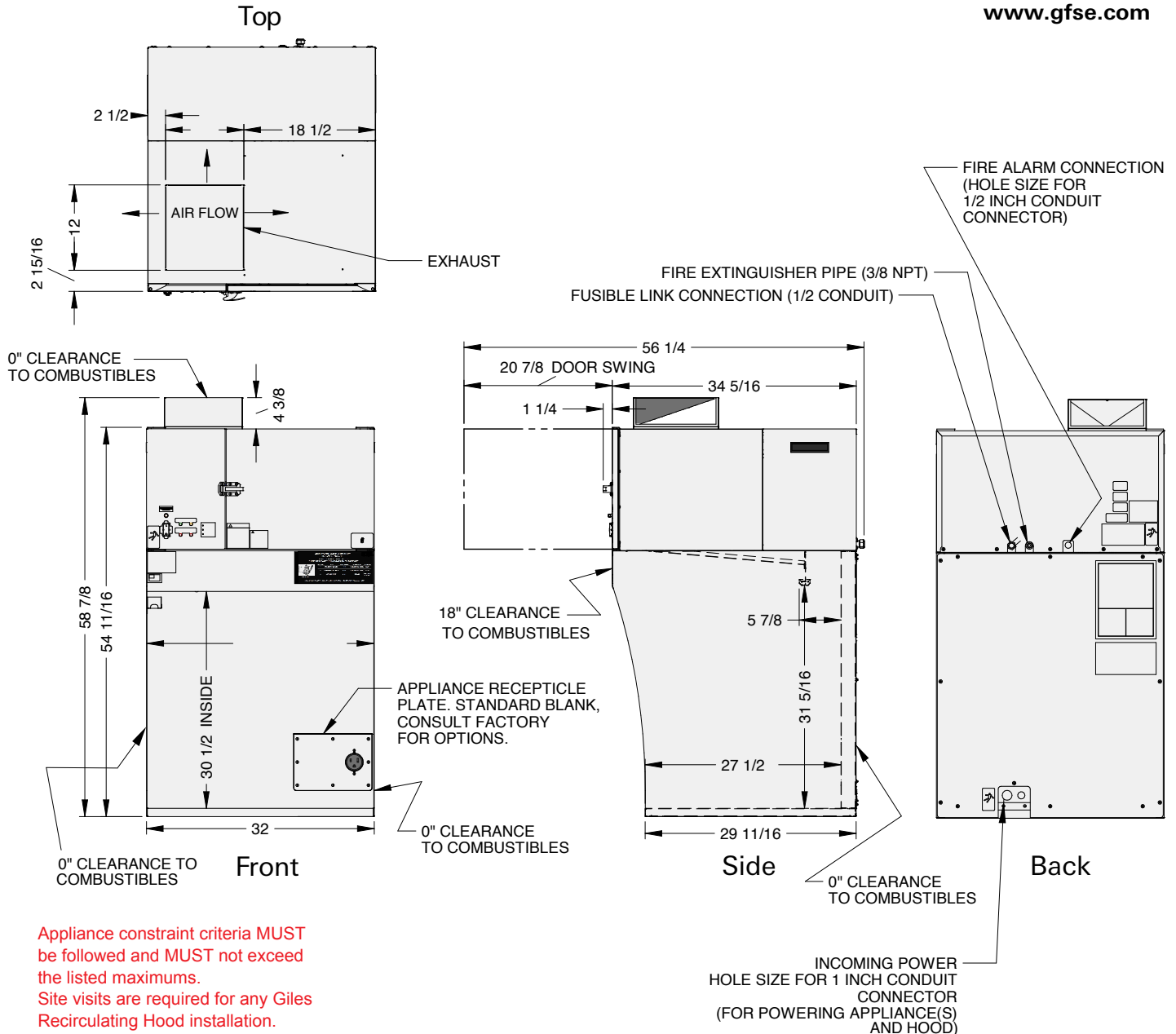
D* - Min. vertical distance (in) from bottom of hood front overhang to top of appliance.

*Appliance(s) exceeding 50 Amps must have a separate circuit from the Hood, but interlock through the Hood contactor coil.

Appliance	A*	B*	C*	D*	Max AMP.	MAX. Surface Area	MAX. Shortening Capacity	MAX. TEMP.	MAX. Elements
Fryer(s)	1-1/2	8	N/A	19	100 Total* (MAX 50AMP through hood interlock contactor)	576 SQ. IN	140LBS/ 9.1 GAL	N/A	N/A
Griddle	3-7/8	8-3/4	19	N/A	35	480 SQ. IN	N/A	450°F	N/A
Range	4	8-3/4	19	N/A	44 Total all burners	N/A	N/A	N/A	4
Oven	1	8-3/4	19	N/A	55 Total* (MAX 50AMP through hood interlock contactor)	N/A	N/A	500°F	N/A
Conveyor Oven	5-1/2	8	19	N/A	55 Total* (MAX 50AMP through hood interlock contactor)	N/A	N/A	500°F	N/A
Toaster	1	8-3/4	19	N/A	55 Total* (MAX 50AMP through hood interlock contactor)	N/A	N/A	500°F	N/A

Installation Requirements (Fryers, Griddles/Grills, Ranges, Ovens, Toasters) "NO CHARBROILERS"

Distance from ceiling (top of diverter stack)	0"
Distance from combustibles	Back, Top & Sides 0"; Front 18"
Fire suppression system	Pre-piped Only



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Inches [millimeters]

Appliance Constraints: Hood approved ONLY for use with electrically heated appliance

A* - Min. horizontal distance (in) from each side of the appliance heating area to hood skirt side.
B* - Min. horizontal distance (in) from hood front overhang to appliance's heating area.
C* - Min. vertical distance (in) from hood front overhang to appliance's heating area.
D* - Min. vertical distance (in) from bottom of hood front overhang to top of appliance.

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Griddle	3-7/8	8-3/4	19	N/A	35	480 SQ. IN	N/A	450°F	N/A
Range	4	8-3/4	19	N/A	44 Total all burners	N/A	N/A	N/A	4
Oven	1	8-3/4	19	N/A	55 Total* (MAX 50AMP through hood interlock contactor)	N/A	N/A	500°F	N/A
Conveyor Oven	5-1/2	8	19	N/A	55 Total* (MAX 50AMP through hood interlock contactor)	N/A	N/A	500°F	N/A
Toaster	1	8-3/4	19	N/A	55 Total* (MAX 50AMP through hood interlock contactor)	N/A	N/A	500°F	N/A

Installation Requirements (Fryers, Griddles/Grills, Ranges, Ovens, Toasters) "NO CHARBROILERS"

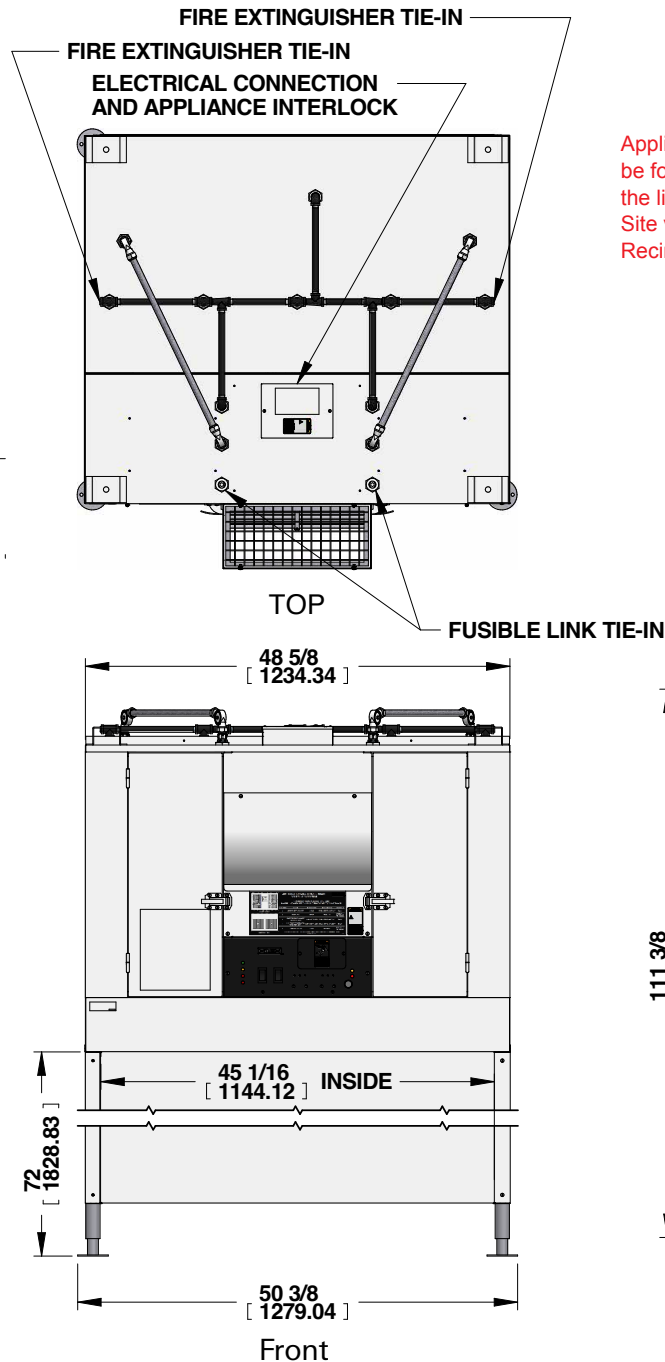
Distance from ceiling (top of diverter stack)	0"
Distance from combustibles	Back, Top & Sides 0"; Front 18"
Fire suppression system	Pre-piped Only

FSH-4

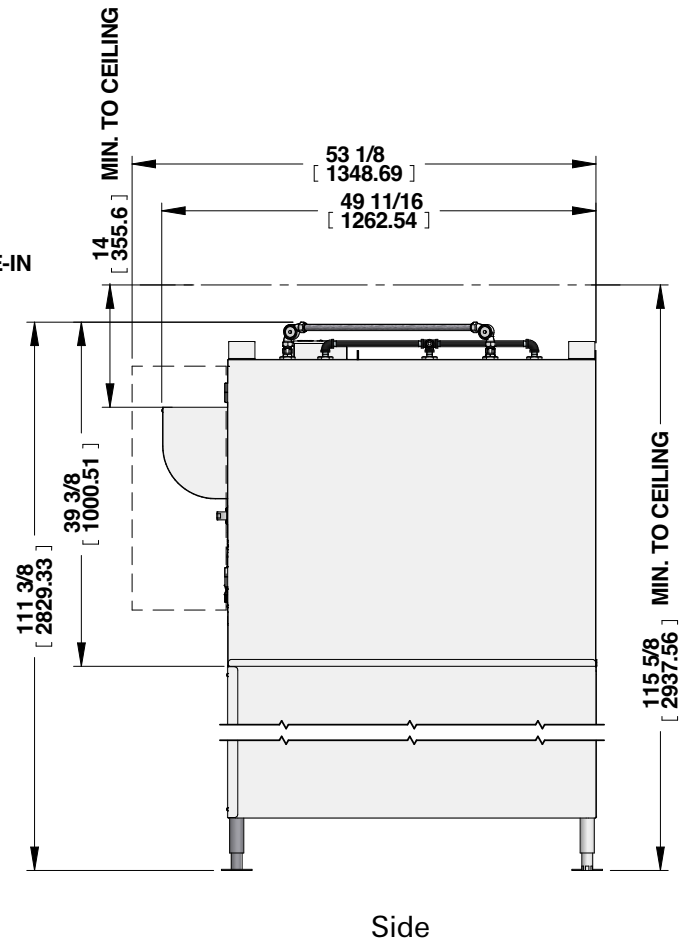


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Inches [millimeters]

Appliance Constraints

Equipment Type	Max. Input Power (kW)	Max. Cooking Temperature	Max. Shortening Capacity	Max. Cooking Area *
Fryers	20 (per fryer) 40 (total)	400°F [204°C]	80 lbs [36kg] (per fryer) 160 lbs [72kg] (total)	576 in²[0.372m²] single fryer, 760 in²[0.372m²] any combination
Ovens	55	500°F [260°C]	N/A	46"[1219mm]L X 42"[1067mm]D
Griddles	25	400°F [204°C]	N/A	36"[914mm]L X 26"[660mm]D
Ranges	25	400°F [204°C]	N/A	36"[914mm]L X 26"[660mm]D

Installation Requirements (Fryers, Griddles/Grills, Ranges, Ovens) "NO CHARBROILERS"

Distance from ceiling (top of hood)	10" (25cm)
Distance from combustibles (sides)	0" (0cm)
Mounting height above appliance	36" (91.44cm)
Minimum ceiling height	10ft (120")
Fire Suppression	<u>Not included</u> (pre-piped for Ansul R-102 Wet system)

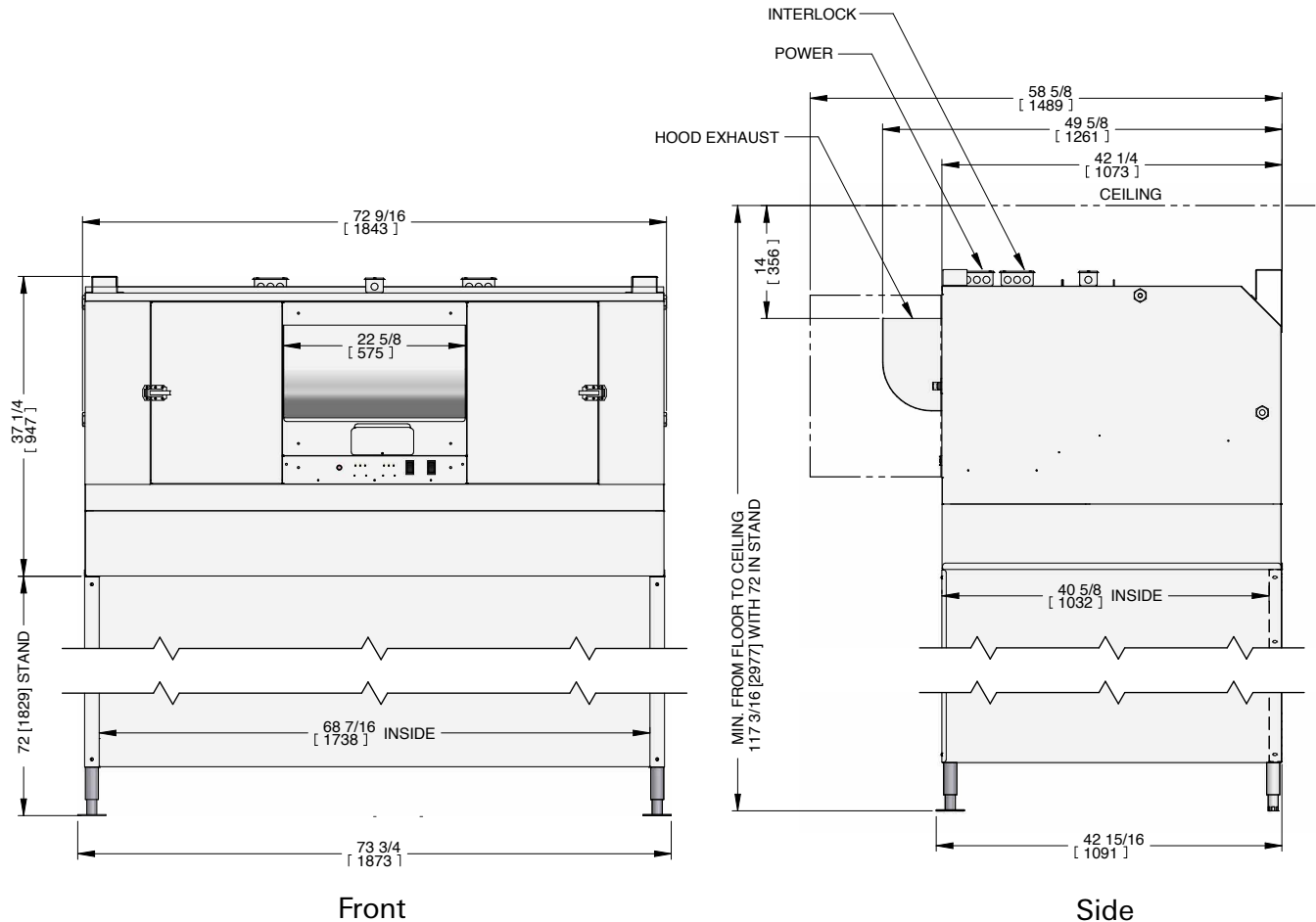
*FSH-4 DOES NOT FIT THROUGH STANDARD 36" DOOR.

FSH-6



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Inches [millimeters]

Appliance Constraints				
Equipment Type	Max. Input Power (kW)	Max. Cooking Temperature	Max. Shortening Capacity	Max. Cooking Area*
Fryers	20 (per fryer) 40 (total)	400°F [204°C]	80 lbs [36kg] (per fryer) 160 lbs [72kg] (total)	380 in²[0.245m²] single fryer, 760 in²[0.490m²] any combination
Ovens	55	500°F [260°C]	N/A	68" [1727.2mm] X 42" [1067mm] D (Stand)
Griddles	25	400°F [204°C]	N/A	68" [1727.2mm] X 42" [1067mm] D (Stand)
Ranges	25	400°F [204°C]	N/A	68" [1727.2mm] X 42" [1067mm] D (Stand)
Installation Requirements (Fryers, Griddles/Grills, Ranges, Ovens) "NO CHARBROILERS"				
Distance from ceiling (top of hood)			10" (25cm)	
Distance from combustibles (sides)			0" (0cm)	
Mounting height above appliance			36" (91.44cm)	
Minimum ceiling height			10ft (120")	
Fire Suppression			Not included (pre-piped for Ansul R-102 Wet system)	

*FSH-6 DESIGN ALLOWS FOR ENTRY THROUGH STANDARD 36" DOORWAY.

Giles Food Service Equipment

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