

Электрические и газовые печи-гриль серий ED, HEEGM, G

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Designer Series Electric Broilers

Models

- ED-15B
- ED-30B
- ED-42B
- EDU-15B
- EDU-30B
- EDU-42B



Model ED-15B

Standard Features

- Stainless steel front and sides
- Easy clean design with recessed protected controls and ample space between elements and side splash walls
- Grate lift handle
- Concealed grease drawer
- Heat-On indicator lamps
- Infinite switch controlled; one on ED-15B; two on ED-30B and three on ED-42B models.
- One-Year limited parts & labor warranty (USA & Canada only)
- "CE" approved models have prefix EDU

Options & Accessories

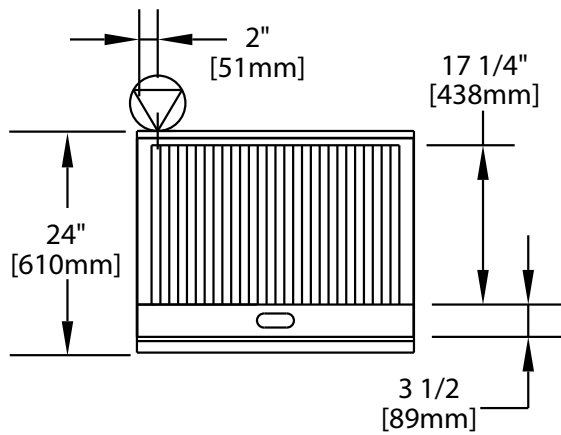
- Stainless steel back and bottom
- Broiler splatterguard, 15" (381mm), 30" (705mm) and 42" (1067mm) wide.
- S/S comes in 3 pieces which adds 10" to top section of broiler.
- 24" (610mm) wide nickel plated shelf to fit 30" (705mm) splatterguard or 36" (914mm) shelf to fit 42" (1067mm) splatter guard, please specify.

Note : Stands are available see form # CS24/CSD

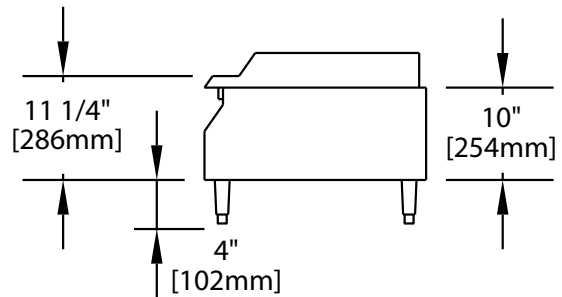
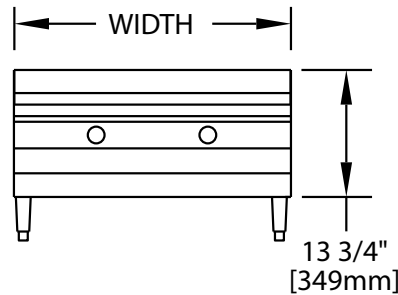
Specifications

Electric designer series broilers in three widths: models ED-15B, 15" (381mm) wide; ED-30B, 30" (706mm) wide and ED-42B, 42" (1067mm) wide. Each 12" (305mm) section controlled by an infinite switch. Designed as free standing or to be banked with other ED series equipment. 24" (610mm) deep x 13- 3/4" (349mm) high, easy clean design with stainless steel front and sides, concealed grease drawer behind lower hinged panel, grate lift handle and optional broiler splatter shield. Ribs in grate give distinct brand.





Garland products are not approved or authorized for home or residential use, but are intended for commercial applications only. Garland will not provide service, warranty, maintenance or support of any kind other than in commercial applications.



Models	Total kW Load				Nominal Amperes Per Line							
					North America				Export			
	North America		Export		Single Phase		Hi Line -3 Phase		Single Phase		Hi Line - 2 or -3 Phase	
	208V	240V	220V/ 380V	240V/ 415V	208V	240V	208V	240V	220V/ 380V	240V/ 415V	220V/ 380V	240V/ 415V
ED-15B, EDU-15B	2.7	2.7	2.7	2.7	13	12	N/A	N/A	13	12	N/A	N/A
ED-30B, EDU-30B	5.4	5.4	5.4	5.4	26	23	23	20	25	23	13	12
ED-42B, EDU-42B	8.1	8.1	8.1	8.1	39	34	23	20	37	34	13	12

Model	Overall Dimensions			Usable Cooking Surface		Cu. Ft.	Ship Wt. Lb/kg
	Height	Width	Depth	Width	Depth		
ED-15B	13-3/4" (349mm)	15" (381mm)	24" (610mm)	11-1/2" (292mm)	19" (483mm)	6	70/41
ED-30B	13-3/4" (349mm)	30" (762mm)	24" (610mm)	23" (584mm)	19" (483mm)	9	100/45
ED-42B	13-3/4" (349mm)	42" (1067mm)	24" (610mm)	34-1/2" (876mm)	19" (483mm)	17	145/66

*Installation Clearances	
Side	Rear
9" (229mm)	9" (229mm)

*Do not install appliance closer to a wall of combustible material than as indicated.

High Efficiency HEEGM Radiant Char-Broiler

Models

- HEEGM-24CL • HEEGM-48CL
- HEEGM-36CL • HEEGM-60CL



Model HEEGM-48CL



Model HEEGM-36CL

Standard Features

- Stainless steel construction and front rail with cut outs to hold 1/3 size food pans (pans not included)
- Heavy duty removable cast iron grates, reversible with wide brand edge on one side & fine edge on the other.
- Large capacity, removable grease trays.
- Cast iron energy efficient burners with each burner having a cast iron radiant
- Complete system on/off power switch(s), which operate main gas burner ignition & main burner shut down: HEEGM-24CL & 36CL models have one switch HEEGM-48CL and 60CL have two.
- Each burner, rated 14,500 BTU for natural gas & 13,000 BTU for propane gas, and is individually controlled by a two position hi-lo valve.
- 3/4" gas regulator.
- 9' cord & NEMA 5-15P plug standard for 120V models.
- Combination wire broiler rack cleaning brush and scraper for cleaning cooking grates.

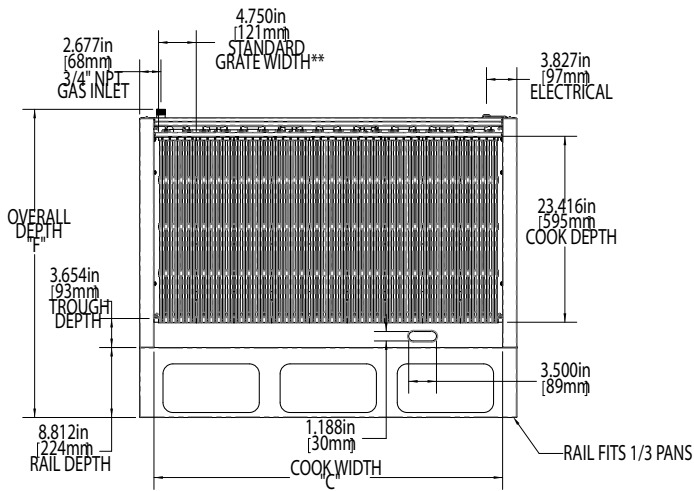
Options & Accessories

- Fajita pan rack holder in lieu of two broiler rack sections, N/C. Using only one fajita pan rack holder per broiler is recommended.
- 2 1/8" (54mm) stub solid front rail in lieu of 1/3 front rail.
- Stainless steel stands with or without casters. See form HEMST. Broiler may be required to be silicone sealed onto non-combustible surfaces to meet NSF agency approvals.
- 220-240V model available (comes without cord & plug).

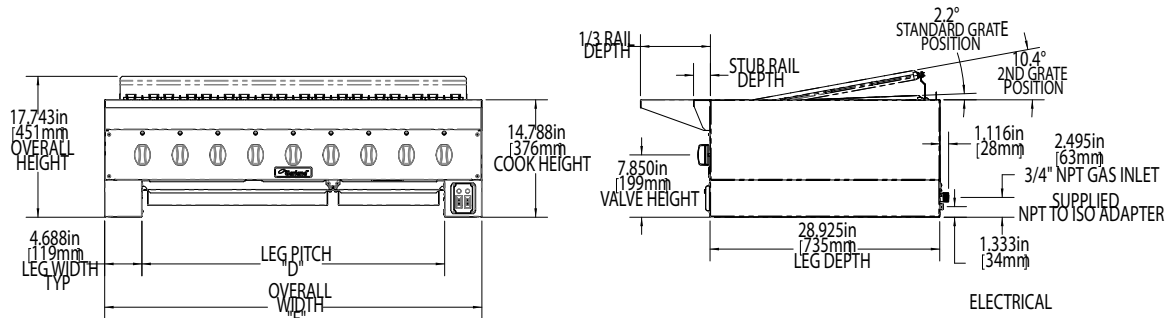
Specifications

Shall be Garland High Efficiency (HE) Char-Broiler, Model _____ with total BTU/hr rating of _____ when used with natural gas. Finish is to be stainless steel construction and front rail with 1/3 size food pan cut outs. Available in 24" (610mm) [HEEGM-24CL], 34" (864mm) [HEEGM-36CL], 48" (1219mm) [HEEGM-48CL] and 58" (1473mm) [HEEGM-60CL] widths.





**OPTIONAL FAJITA RACK REQUIRES THE REMOVAL OF 2 STANDARD GRATES



Model #	Shipping Dimensions: In. (mm)			No. Of Burners	Total BTU*		Ship Weight Lbs/Kg	Ship Size Ft³/m³
	Width	Depth	Height		Natural	Propane		
HEEGM-24CL	45/1143	45/1143	25-1/2/648	4	58,000	52,000	280/127	34.9/0.988
HEEGM-36CL	45/1143	45/1143	25-1/2/648	6	87,000	78,000	420/191	45.4/1.285
HEEGM-48CL	65/1651	45/1143	25-1/2/648	9	130,500	117,000	560/254	55.5/1.581
HEEGM-60CL	65/1651	45/1143	25-1/2/648	11	159,500	143,000	700/318	66.3/1.877

* Total btu based on manifold operating pressure specified in table below and apply to installations up to 2000 ft (610m).

Model	Electrical Requirements				Rail Option	Rail depth	Over depth "F"
	Voltage	Frequency	Current	Cord	Stub (in/mm)	2.1/54	32.1/816
HEEGM-24&36CL	120	50-60 Hz	0.10 A	NEMA 5-15P	1/3 Pan (in/mm)	8.8/224	38.8/986
	220-240	50-60 Hz	0.05 A	Not Supplied	NOTE: Wiring Diagram is located in left side of broiler's leg section.		
HEEGM-48&60CL	120	50-60 Hz	0.22 A	NEMA 5-15P			
	220-240	50-60 Hz	0.11 A	Not Supplied			

Models	Manifold Operating Pressure w.c.(Mbar)		Manifold Supply Pressure w.c.(Mbar)		Clearance to non-combustible material	
	Natural Gas	Propane	Natural Gas	Propane	Rear (in/mm)	Sides (in/mm)
All Models	4.5(11.2)	10.0(25.0)	7.0(17.4)	11.0(27.5)	0/0	0/0

Model	Cook Width "C"	Leg Pitch "D"	Overall Width "E"	Grease Tray
24"	19.906in (506mm)	14.124in (359mm)	23.50in (597mm)	Single
36"	29.906in (706mm)	24.12in (613mm)	33.500in (851mm)	Single
48"	43.906in (1115mm)	38.124in (968mm)	47.50in (1207mm)	Dual
60"	53.906in (1369mm)	48.124in (1222mm)	57.500in (1461mm)	Dual

Garland/U.S. Range products are not approved or authorized for home or residential use, but are intended for commercial applications only.



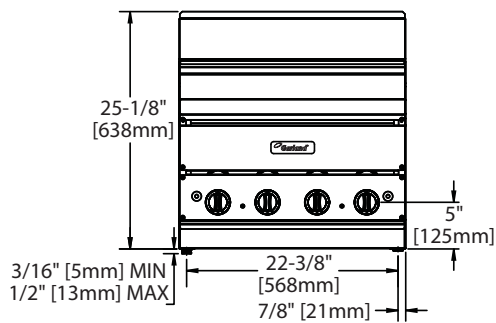
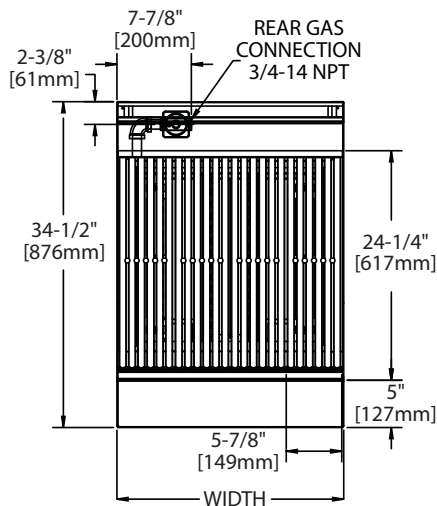
GARLAND G-BRL & GF-BRL SERIES BROILERS

Includes Models: G18-BRL, G24-BRL, G30-BRL, G36-BRL, G48-BRL, GF18-BRL, GF24-BRL, GF30-BRL and GF36-BRL

DIMENSIONS AND SPECIFICATIONS – BROILERS

Product Dimensions and Shipping Specializations						North American and CE ¹ Inputs		
Model	Width	Height W/O Legs	Depth	Shipping		No of Burners	Total Input Ratings	
				lbs/kg	Cu Ft		BTU/Hr	kW/Hr
G18-BRL	18" (457mm)	25-1/8" (636mm)	34-1/2" (876mm)	190/86	21	3	45,000	13.2
G24-BRL	24" (610mm)	25-1/8" (636mm)	34-1/2" (876mm)	240/109	21	4	60,000	17.6
G30-BRL	30" (762mm)	25-1/8" (636mm)	34-1/2" (876mm)	290/131	29.5	5	75,000	22
G36-BRL	36" (914mm)	25-1/8" (636mm)	34-1/2" (876mm)	340/154	29.5	6	90,000	26.4
G48-BRL	48" (1219mm)	25-1/8" (636mm)	34-1/2" (876mm)	375/170	37	8	120,000	35.2
¹ GF18-BRL	18" (457mm)	25-1/8" (636mm)	34-1/2" (876mm)	190/86	21	3	45,000	12.0
¹ GF24-BRL	24" (610mm)	25-1/8" (636mm)	34-1/2" (876mm)	240/109	21	4	60,000	16.0
¹ GF30-BRL	30" (762mm)	25-1/8" (636mm)	34-1/2" (876mm)	290/131	29.5	5	75,000	20.0
¹ GF36-BRL	36" (914mm)	25-1/8" (636mm)	34-1/2" (876mm)	340/154	29.5	6	90,000	24.0

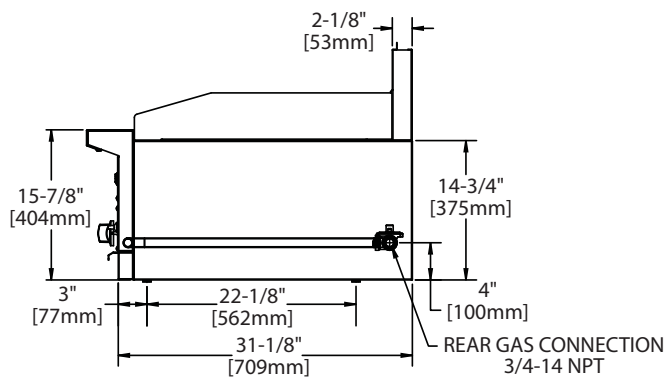
¹NOTE: Only GF series broilers with flame failure features are CE approved.



G-BRL Models

For use in non-combustible locations only.

Installation Clearances From Non Combustible Materials (all models)	
Rear	Sides
0"	0"



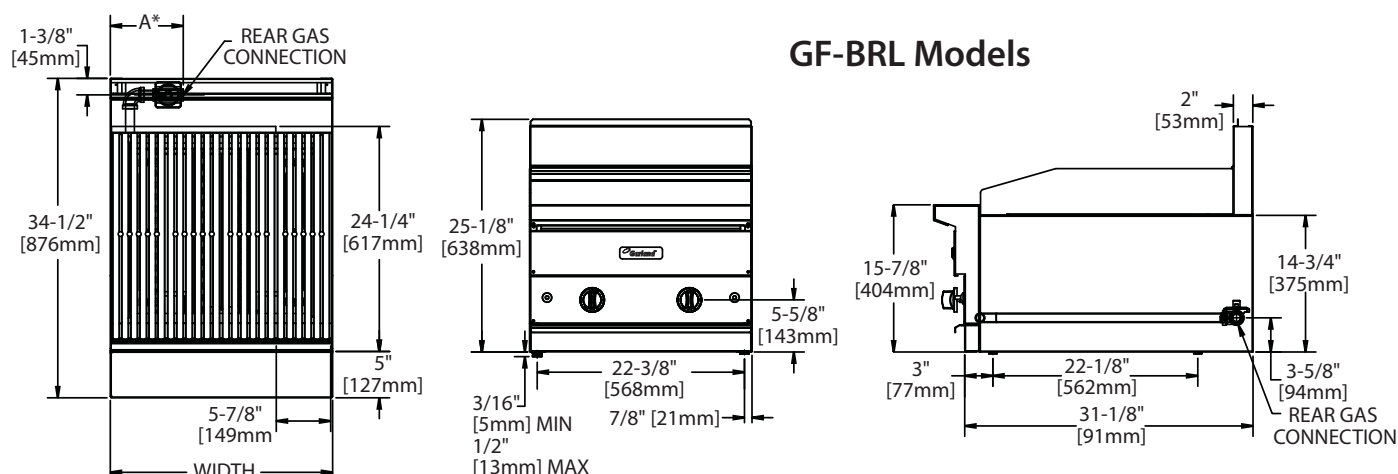
North America & General International Markets

Operating Manifold Pressure			
Natural (G20)	4.5" wc (11.2mbar)	LPG (G31)	10" wc (24.9mbar)

Australian Market

Operating Manifold Pressure			
Natural 4" wc (1.0kPa)		LPG 10" wc (2.49 kpa)	
Input Per Burner			
MJ/H	Injector Dia.	MJ/H	Injector Dia.
15.8	1.9 mm	15.8	1.1 mm

DIMENSIONS AND SPECIFICATIONS – BROILERS continued



*For units supplied with regulator dimension 'A' is 7-7/8" (200mm) with a 3/4" – 14 NPT connection.
European (CE) units are not supplied with regulator, but include with an adaptor 3/4" – 14 BSPT.

CE Approved Models

Pressure Settings/Injector Size

MODEL	2nd Family, Groups H, L & E						3rd Family, Group 3P			
	Setting Pressure				Injector Size		Setting Pressure		Injector Size	
	G20 @ 20 mbar inlet		G25 @ 25 mbar inlet				G31 @ 37/50 mbar inlet			
	mbar	"WC	mbar	"WC	DMS	mm	mbar	"WC	DMS	mm
GF18-BRL	11.2	4.5	14.9	6	50	1.78	24.9	10	58	1.07
GF24-BRL	11.2	4.5	14.9	6	50	1.78	24.9	10	58	1.07
GF30-BRL	11.2	4.5	14.9	6	50	1.78	24.9	10	58	1.07
GF36-BRL	11.2	4.5	14.9	6	50	1.78	24.9	10	58	1.07

Heat Input

MODEL	2nd Family, Groups H & E		2nd Family, Group L		3rd Family, Group 3P		# Of Burners
	(G20 @ 20/25 mbar) NAT		(G25 @ 25 mbar) NAT		(G31 @ 37/50 mbar) PROPANE		
	Per Burner / Total		Per Burner / Total		Per Burner / Total		
	kW	BTU/HR	kW	BTU/HR	kW	BTU/HR	
GF18-BRL	4.0 / 12.0	15,000 / 45,000	4.0 / 12.0	15,000 / 45,000	4.0 / 12.0	15,000 / 45,000	3
GF24-BRL	4.0 / 16.0	15,000 / 60,000	4.0 / 16.0	15,000 / 60,000	4.0 / 16.0	15,000 / 60,000	4
GF30-BRL	4.0 / 20.0	15,000 / 75,000	4.0 / 20.0	15,000 / 75,000	4.0 / 20.0	15,000 / 75,000	5
GF36-BRL	4.0 / 24.0	15,000 / 90,000	4.0 / 24.0	15,000 / 90,000	4.0 / 24.0	15,000 / 90,000	6

Gas Inlet Size

Model Width	Connection	Connection CE Models (ISO7-1)
23-5/8" (600mm) & 35-1/2" (900mm)	3/4" NPT Rear Gas Connection	3/4" (19.1mm) BSPT

GF Series CE Approved Gas Categories

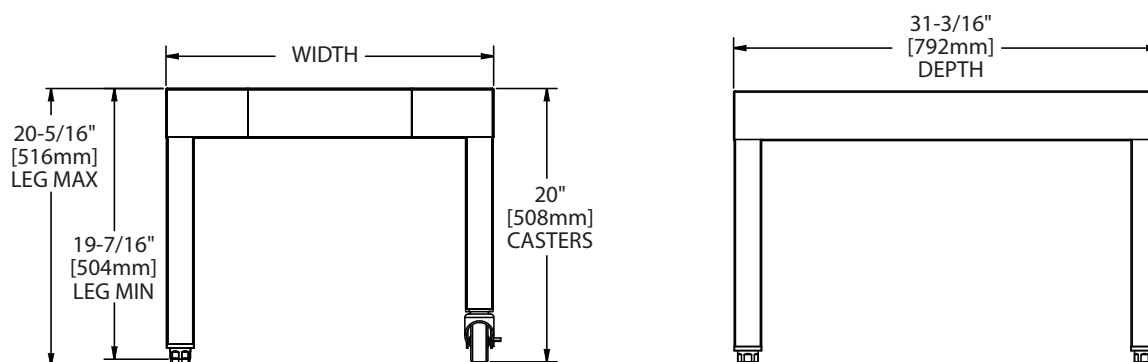
Country	Gas Category	Gas Type	Pressure (mbar)
GB, IE, ES, PT, GR	I2H	G20	20
BE, FR	I2E+	G20	20/25
DE	I2E	G20	20
GB, IE, ES, PT, BE, FR	I3P	G31	37
GB, FR, NL, DE, ES	I3P	G31	50
NL	I3P	G31	30

Approximate Total Input Ratings With All Burners Operating At Low

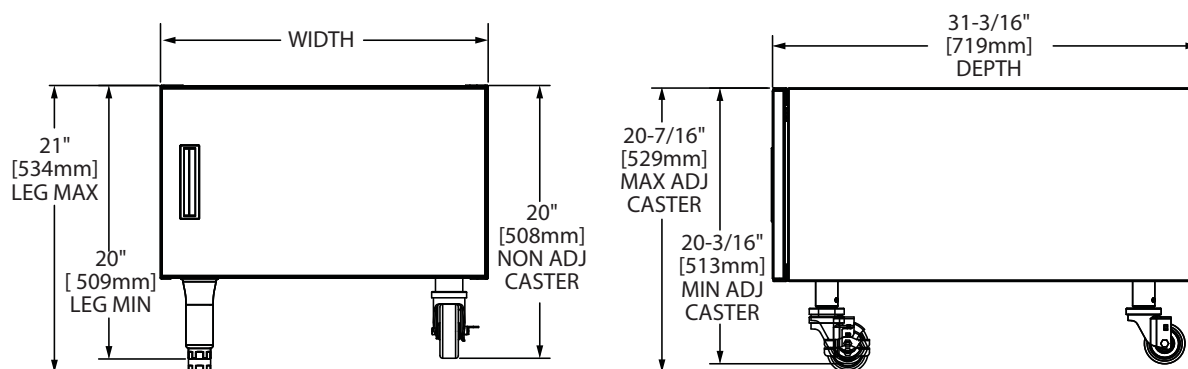
	kW	BTU/h
GF18-BRL	4.5	16,875
GF24-BRL	6.0	22,500
GF30-BRL	7.5	28,125
GF36-BRL	9.0	33,750

DIMENSIONS AND SPECIFICATIONS – STANDS

Model Number	Description	Use With Broiler Model	Cu. Ft.	Ship Weight Lb/ Kg
G18-BRL-STD	Floor Stand 18" (457mm) Wide	G18-BRL & GF18-BRL	4.5	30/14
G24-BRL-STD	Floor Stand 24" (610mm) Wide	G24-BRL & GF24-BRL	4.5	40/18
G30-BRL-STD	Floor Stand 30" (762mm) Wide	G30-BRL & GF30-BRL	4.5	50/23
G36-BRL-STD	Floor Stand 36" (914mm) Wide	G36-BRL & GF36-BRL	4.5	55/25
G48-BRL-STD	Floor Stand 48" (1219mm) Wide	G48-BRL	5.5	58/26
G18-BRL-CAB	Closed Cabinet 18" (457mm) Wide	G18-BRL & GF18-BRL	21	40/18
G24-BRL-CAB	Closed Cabinet 24" (610mm) Wide	G24-BRL & GF24-BRL	21	45/20
G30-BRL-CAB	Closed Cabinet 30" (762mm) Wide	G30-BRL & GF30-BRL	29.5	50/23
G36-BRL-CAB	Closed Cabinet 36" (914mm) Wide	G36-BRL & GF36-BRL	29.5	60/27
G48-BRL-CAB	Closed Cabinet 48" (1219mm) Wide	G48-BRL	37	65/29.5



G24-BRL-STD



G24-BRL-CAB

- Many local codes exist, and it is the responsibility of the Owner and the Installer to comply with those codes.
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