## PROFESSIONAL GRILLS SERIES 9 OUTDOOR KITCHEN

## PLANNING GUIDE

BEI-48RCI | BEI-36RCI | BEI-48RC | BEI-36RC | BEI-48C | BEI-36C | BGA54-IJS | BGA48-IJS | BGA42-IJS | BGA36-IJS | ASE6-48 | ASE6-36



This comprehensive Planning Guide provides you with the framework and tools to achieve your desired design outcome with DCS appliances. In this guide, you will find a range of conceptual, detailed, and dimensional product information to bring your ideas to life and create spaces that truly reflect your vision.

#### **CONTENTS**

CONCEPT DESIGN	PAGE	DEVELOPED AND DETAILED DESIGN	PAGE	DEVELOPED AND DETAILED DESIGN	PAGE
Design Choices		Data Sheets		Grill Cabinet Specifications	
Grills	4	Grills 48" with Rotisserie	15	Non-combustible cabinet	31
Specialty cooking	5	Grills 48"	16	Combustible cabinet	32
Cooling	6	Grills 36" with Rotisserie	17		
Drawers	7	Grills 36"	18	<b>Specialty Cooking Cabinet Specifications</b>	
Access doors	8	Side burner	19	30 & 24" Specialty cooking installation	34
Carts	9	Power burner	20	24" Specialty cooking in recessed cavity	35
Compact kitchen	10	Griddle	21		
Medium kitchen	11	Griddle/side burner	22	Services	
Large kitchen	12	All grill	23	Electrical	37
Large kitchen	13				
		Planning Considerations			
		Grills - clearances	25		
		Specialty cooking - clearances	26		
		Wind screen protection	27		
		Ventilation requirements for LP cylinder enclosures	28		
		Notched counter-top and bull-nose edging details	29		



**DESIGN CHOICES** 



## 0 0 O DCS · • • • • $\bigcirc$ ODGS (10) (2) (1) 0 9 $\bigcirc$ $\bigcirc$ $\bigcirc$ · 0 0 0 ODES (8) (4) (3) 0 $\circ \ \ \bigcirc \ \ _\circ \ \ \bigcirc \ \ \bigcirc$ · 0 0 0 (5) 6

#### **GRILLS**

#### BE1-48RCI Grill

48" Grilling surface, infrared sear burner, left or right hand rotisserie placement, charcoal smoker tray, full surface searing, secondary cooking. Gas options: LP or NG

#### 2 BE1-36RCI Grill

36" Grilling surface, infrared sear burner, left or right hand rotisserie placement, charcoal smoker tray, full surface searing, secondary cooking. Gas options: LP or NG

#### 3 BE1-48RC Grill

48" Grilling surface, left or right hand rotisserie placement, charcoal smoker tray, full surface searing, secondary cooking. Gas options: LP or NG

#### 4 BE1-36RC Grill

36" Grilling surface, left or right hand rotisserie placement, charcoal smoker tray, full surface searing, secondary cooking. Gas options: LP or NG

#### (5) BE1-48C Grill

48" Grilling surface, charcoal smoker tray, full surface searing, secondary cooking. Gas options: LP or NG

#### 6 BE1-36C Grill

36" Grilling surface, charcoal smoker tray, full surface searing, secondary cooking. Gas options: LP or NG

#### **DESCRIPTION DESCRIPTION DESCR**

54" Jacket for combustible cabinet installation (ASE6-48 6" storage in combination with S9 48" grill)

#### 8 BGA48-IJS INSULATION JACKET

- 9 BGA42-IJS INSULATION JACKET
- 10 BGA36-IJS INSULATION JACKET
- 11 ASE6-48 SIDE STORAGE
- 12 ASE6-36 SIDE STORAGE



#### SPECIALTY COOKING

(1) SBE1-142 Double Side Burner

14" Double side burner with cover. Gas Options: LP or  $\overline{\rm NG}$ 

2 PBE1-24 Power Burner

24" Power burner with cover. Gas Options: LP or NG

3 GDSBE1-302 Griddle/Side Burner

30" Griddle/side burner with cover. CAD1-30E Freestanding cart install option available.

Gas Options: LP or NG

(4) BE1-30AG All Grill

30" Grilling Surface with cover. CAD1-30E Free-standing cart install option available.

Gas Options: LP or NG

(5) GDE1-30 Griddle

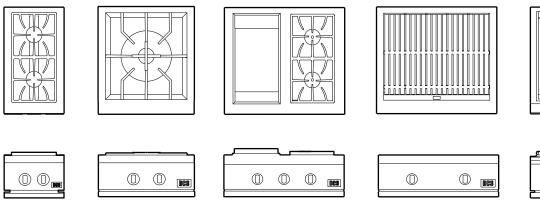
30" Large griddle with separate temperature zones. CAD1-30E Free-standing cart install option available. Gas Options: LP or NG

6 BGB30-IJS 30" Insulation Jacket

30" Jacket for combustible cabinet installation with GDSBE1-302 Griddle/Side Burner, BE1-30AG All Grill and GDE1-30 Griddle

(7) BGA24-IJS 24" Insulation Jacket

24" Jacket for combustible cabinet installation with PBE1-24 Power Burner



3





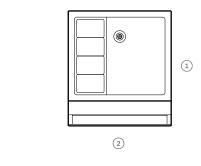


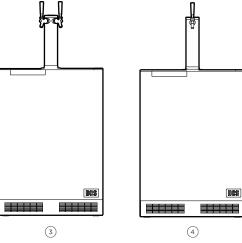
The models shown in this Planning Guide may not be available in all markets and are subject to change at any time. Product specifications may vary from those shown. This Planning Guide should not be used as installation guidance for any product. Further information is required to safely and correctly install the products featured here. Specific installation guidance will be available on our website dcsappliances.com

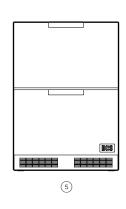
(4)

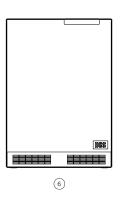
(1)

2











#### CHILLERS IN COUNTER

- 1 BC25 Sink
  - 25" Bottle and ice sink with four condiment storage containers.
- 2 BC1-25AC Bottle Holder Sink Accessory 25" 1 litre bottle holder with towel rack.
- 3 RF24BTR2, RF24BTL2 Outdoor Beer Dispenser 24" Dual tap, CO<sup>2</sup> tank and regulator, refrigerated keg storage, door open alarm, digital temperature control
  - storage, door open alarm, digital temperature control with in counter drainage system. Left or right door opening.
- 4 RF24BTR2, RF24BTL2 Outdoor Beer Dispenser 24" Single tap, CO<sup>2</sup> tank and regulator, refrigerated keg storage, door open alarm, digital temperature control with in counter drainage system. Left or right door opening

#### CHILLERS UNDER COUNTER

- 5 RF24DE4 Outdoor refrigerator drawers
  - 24" Refrigerated drawers, 5 cu foot capacity, rapid cool down, and open door alarm.
- RF24RE4, RF24LE4 Outdoor refrigerator
   24" Single door refrigerator 5.3 cu foot capacit
  - 24" Single door refrigerator, 5.3 cu foot capacity and open door alarm. Left or right door opening.
- RF15IL3, RF15R3 Outdoor Ice Machine
  - 15" Ice Machine, 39lb per day, sound buffered, eco and delay mode.

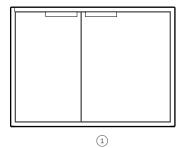


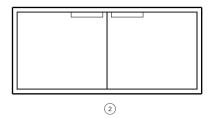
# 

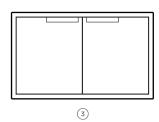
#### **DRAWERS**

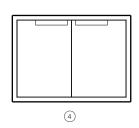
- ① WD1-30-SSOD Warming drawer
  30" Outdoor warming drawer, removable stainless
  steel shelf, space for 6 standard dinner plates.
- 2 TDT1-20 Tower drawer triple 20 5/16" Wide outdoor weather resistant triple drawers.
- 3 TDD1-20 Tower drawer double 20 5/16" Wide outdoor weather resistant double drawers.
- 4 TDS1-20 Tower drawer single 20 5/16" Wide outdoor weather resistant single drawer.
- TB1-20 Trash bin 20 5/16" Wide waste solution with two full sized removable bins.
- 6 ADR2-48 Access drawers 48" Wide access four drawer or convert to trash drawer and flexible storage.
- 7 ADR2-36 Access drawers 36" Wide access three drawer or convert to trash drawer and flexible storage.
- (8) ADR2-30 Access drawers 30" Wide access two drawer or convert to trash drawer and flexible storage.
- ADR2-24 Access drawers
  24" Wide access single drawer or convert to trash drawer.

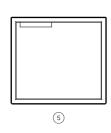












#### **ACCESS DOORS**

① DP1-42 Dry pantry

42" Wide dry pantry, adjustable storage, removable storage bins and wire shelves.

2 ADN1-20X48 Access doors

48" Wide access doors, for built in cabinet storage.

3 ADN1-20X36 Access doors

36" Wide access doors, for built in cabinet storage.

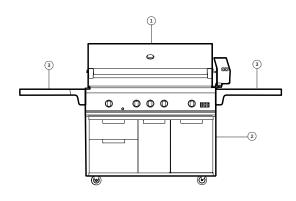
4 ADN1-20X30 Access doors

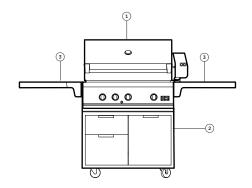
30" Wide access doors, for built in cabinet storage.

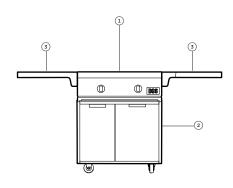
(5) ADN1-20X24 Access doors

24" Wide access doors, for built in cabinet storage.









Back Bar - CAD30-BB

Bamboo Cutting Board AP-CBB

#### 1 48" Grill with Rotisserie, Sear Burner and Charcoal Smoker Tray 1 36" Grill with Rotisserie and Charcoal Smoker Tray 1 30" All Grill Models: BE1-48RCI-L (LPG), BE1-48RCI-N (NG) Models: BE1-36RC-L (LPG), BE1-36RC-N (NG) Models: BE1-30AG-L (LPG), BE1-30AG-N (NG) 2 48" Cad Grill Cart 2 30" Cad Grill Cart 36" Cad Grill Cart CAD1-48E CAD1-36E CAD1-30E 3 Shelf Accessories - Optional 3 Shelf Accessories - Optional 3 Shelf Accessories - Optional Side Shelf - CAD1-SK Side Shelf - CAD1-SK Side Shelf - CAD1-SK

Bamboo Cutting Board AP-CBB

Note: Any grill or 30" specialty cooking product with corresponding width to cart dimensions can be installed. Contact your DCS supplier for guidance.

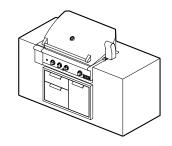
The models shown in this Planning Guide may not be available in all markets and are subject to change at any time. Product specifications may vary from those shown. This Planning Guide should not be used as installation guidance for any product. Further information is required to safely and correctly install the products featured here. Specific installation guidance will be available on our website dcsappliances.com

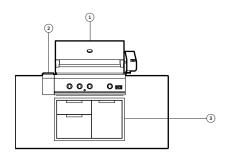


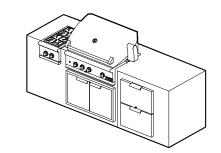
MODELS

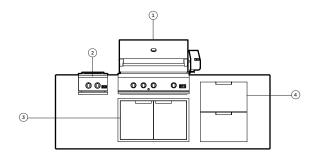
Bamboo Cutting Board AP-CBB

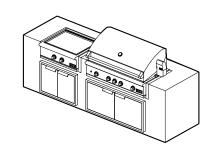
## DESIGN CHOICES | COMPACT CONFIGURATIONS

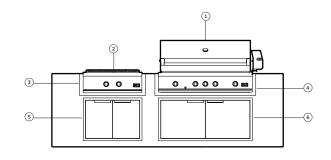








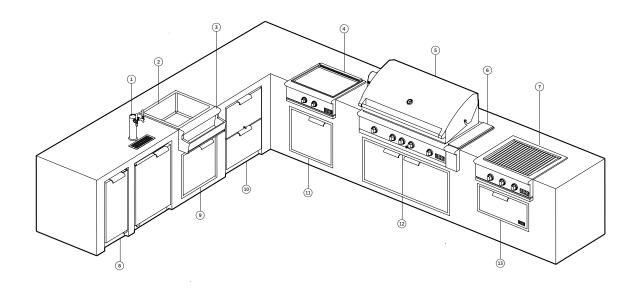




M	OD	ΕI	_S
---	----	----	----

36" Grill with Rotisserie, Sear Burner and Charcoal Smoker Tray	<ol> <li>36" Grill with Rotisserie and Charcoal Smoker Tray</li> </ol>	<ol> <li>48" Grill with Rotisserie, Sear Burner and Charcoal Smoker Tray</li> </ol>
Models: BE1-36RCI-L (LPG), BE1-36RCI-N (NG)	Models: BE1-36RC-L (LPG), BE1-36R-N (NG)	Models: BE1-48RCI-L (LPG), BE1-48RCI-N (NG)
2 6" Side Storage Unit	② 14" Double Side Burner	② 30" Griddle
ASE6-36	Models: SBE1-142-L (LPG), SBE1-142 (NG)	Models: GDE1-30-L (LPG), GDE1-30-N (NG)
3 36" Access Drawers Built-in	3 36" Access Doors Built-in	3 30" Insulation Jacket
ADR2-36	ADN1-20X36	BGB30-IJS
	4 24" Outdoor Refrigerator Drawers	4 48" Insulation Jacket
	RF24DE4	BGA48-IJS
		5 30" Access Drawers Built-in
		ADNI-20X30
		6 48" Access Doors Built-in
Note: Multiple grill and storage configurations are available.		ADN1-20X48



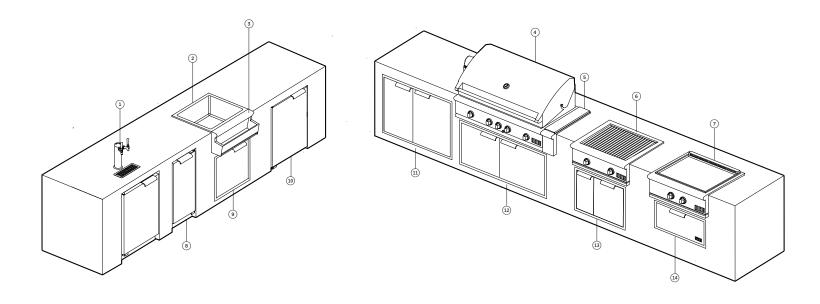


#### MODELS

① 24" Outdoor Dual Tap Beer Dispenser	6 6" Side Storage Unit	① 24" Access Door
RF24BTR2	ASE6-48	ADN1-20X24
2 25" Beverage Chiller/Sink	③ 30" All Grill	48" Access Doors
BC25	Models: BE1-30AG-L, (LPG), BE1-30AG-N (NG)	ADN1-20X48
Bottle Holder Accessory	8 15" Outdoor Ice Machine	30" Outdoor Warming Drawer
BC1-25AC	Models: RF15IL3 (left hand opening), RF15IR3 (right hand opening)	WD1-30-SSOD
④ 30" Griddle	9 24" Access Door	
Models: GDE1-30-L, (LPG), GDE1-30-N (NG)	ADN1-20X24	
§ 48" Grill with Rotisserie, Sear Burner and Charcoal Smoker Tray	② 24" Outdoor Refrigerator Drawers	
Models: BE1-48RCI-L (LPG), BE1-48RCI-N (NG)	RF24DE4	
Note: Multiple grill, cooler and storage configurations are available.		



## DESIGN CHOICES | LARGE OUTDOOR KITCHEN

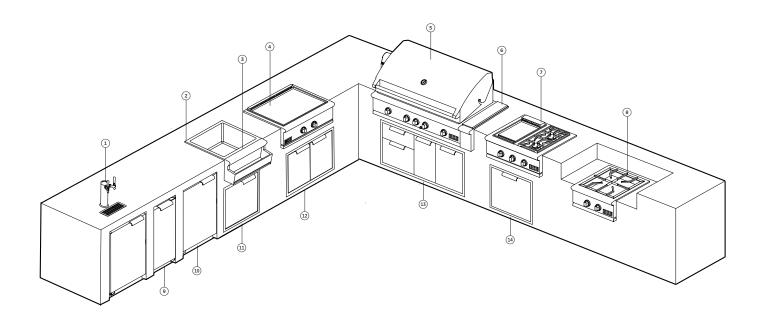


$A \cap$	DE	LS

24" Outdoor Dual Tap Beer Dispenser	6 30" All Grill	① 42" Dry Pantry
RF24BTR2	Models: BE1-30AG-L, (LPG), BE1-30AG-N (NG)	DP1-42
25" Beverage Chiller/Sink	② 30" Griddle	2 48" Access Doors
BC25	Models: GDE1-30-L, (LPG), GDE1-30-N (NG)	ADN1-20X48
3 Bottle Holder Accessory	15" Outdoor Ice Machine	30" Access Drawers Built-in
BC1-25AC	Models: RF15IL3 (left hand opening), RF15IR3 (right hand opening)	ADR2-30
48" Grill with Rotisserie, Sear Burner and Charcoal Smoker Tray	24" Access Door	30" Outdoor Warming Drawer
Models: BE1-48RCI-L (LPG), BE1-48RCI-N (NG)	ADN1-20X24	WD1-30-SSOD
§ 6" Side Storage Unit	24" Outdoor Refrigerator	
ASE6-48	Models: RF24LE4 (left hand opening), RF24RE4 (right hand)	
NOTE: Multiple grill, cooler and storage configurations are available		



## DESIGN CHOICES | LARGE OUTDOOR KITCHEN



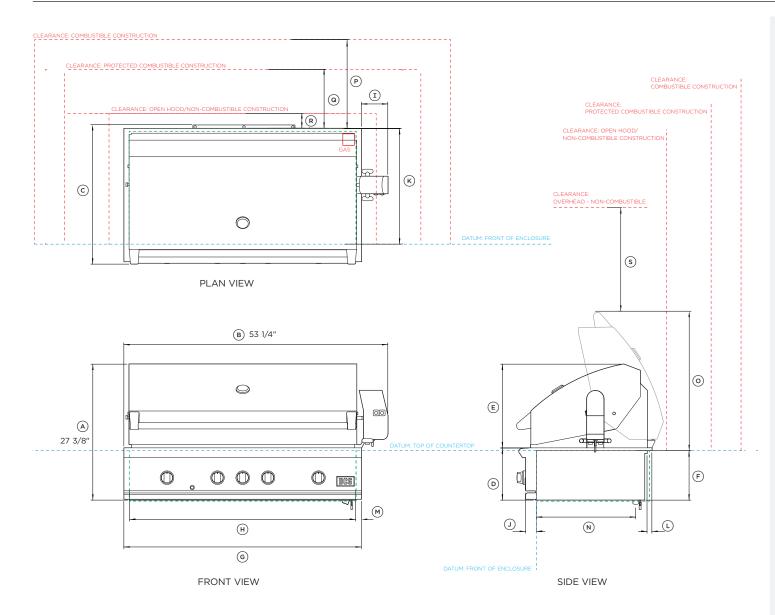
#### MODELS

① 24" Outdoor Dual Tap Beer Dispenser	6 6" Side Storage Unit	① 24" Access Door Built-in
RF24BTR2	ASE6-48	ADN1-20X24
2 25" Beverage Chiller/Sink	30" Griddle/Side Burner	② 30" Access Doors
BC25	Models: GDSBE1-302-L, (LPG), GDSBE1-302-N (NG)	ADN1-20X30
3 Bottle Holder Accessory	8 24" Power Burner	48" Access Drawers Built-in
BC1-25AC	Models: PBE1-24-L (LPG), PBE1-24-N (NG)	ADR2-48
4) 30" Griddle	15" Outdoor Ice Machine	24" Access Door Built-in
Models: GDE1-30-L, (LPG), GDE1-30-N (NG)	Models: RF15IL3 (left hand opening), RF15IR3 (right hand opening)	ADN1-20X24
3 48" Grill with Rotisserie, Sear Burner and Charcoal Smoker Tray	24" Outdoor Refrigerator	
Models: BE1-48RCI-L (LPG), BE1-48RCI-N (NG)	Models: RF24LE4 (left hand opening), RF24RE4 (right hand)	
NOTE: Multiple grill, cooler and storage configurations are available.		



**DATA SHEETS** 





48" Grills with rotisserie - BE1-48RCI, BE1-48RC

Product Dimensions	inch	mm
Overall height	27 3/8	696
Overall width including rotisserie motor	53 1/4	1353
© Overall depth	27 15/16	709
Height of chassis including flange	10 1/2	267
Height of chassis from top of hood to flange	16 15/16	430
F Height of chassis below flange	9 15/16	253
© Width of control panel	47 15/16	1217
Width of chassis inside enclosure	45 9/16	1158
Rotisserie motor depth	5 5/16	135
① Control panel depth	22 3/16	55
® Front of cabinet (proud) to rear flange	23 5/16	592
© Depth of rear flange	1	25
M Width of side flanges	1 3/16	29.5
® Front of chassis to gas outlet	20 1/16	509
Height of open hood to top of counter-top	27 3/8	691

Mir	nimum Clearances	inch	mm
P	Clearance to combustible construction	18	457
@	Clearance to protected combustible construction	12	305
R	Clearance to non-combustible construction	3	76
S	Minimum clearance top of open hood to non-combustible surface	24	76

Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

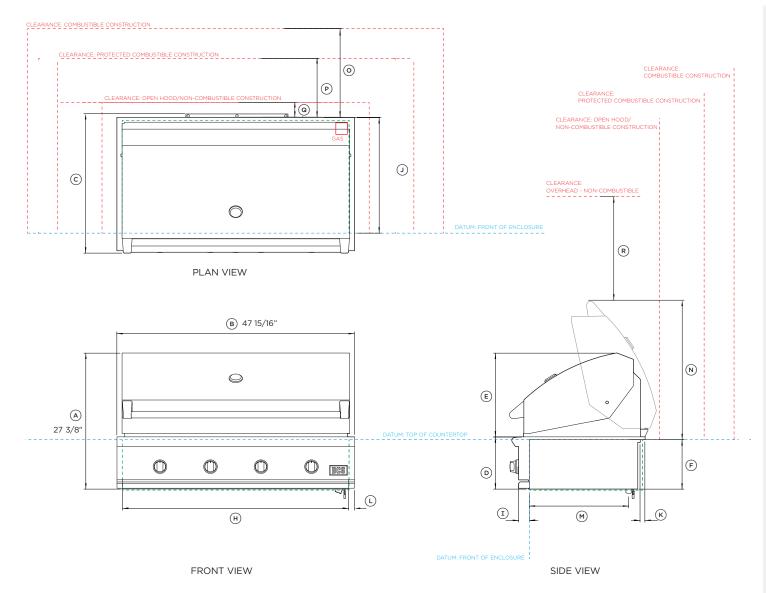
If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

48" Insulated jacket model number: BGA48-IJS

## INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------







48" Grlls - BE1-48C

Product Dimensions	inch	mm
Overall height	27 3/8	696
® Overall width	47 15/16	1217
© Overall depth	27 15/16	709
Height of chassis including flange	10 1/2	267
© Height of chassis from top of hood to flange	16 15/16	430
F Height of chassis below flange	9 15/16	253
Width of chassis inside enclosure	45 9/16	1158
① Control panel depth	22 3/16	55
Front of cabinet (proud) to rear flange	23 5/16	592
® Depth of rear flange	1	25
© Width of side flanges	1 3/16	29.5
	20 1/16	509
Height of open hood to top of counter-top	27 3/8	691

Mir	nimum Clearances	inch	mm
0	Clearance to combustible construction	18	457
P	Clearance to protected combustible construction	12	305
@	Clearance to non-combustible construction	3	76
R	Minimum clearance top of open hood to non-combustible surface	24	76

Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

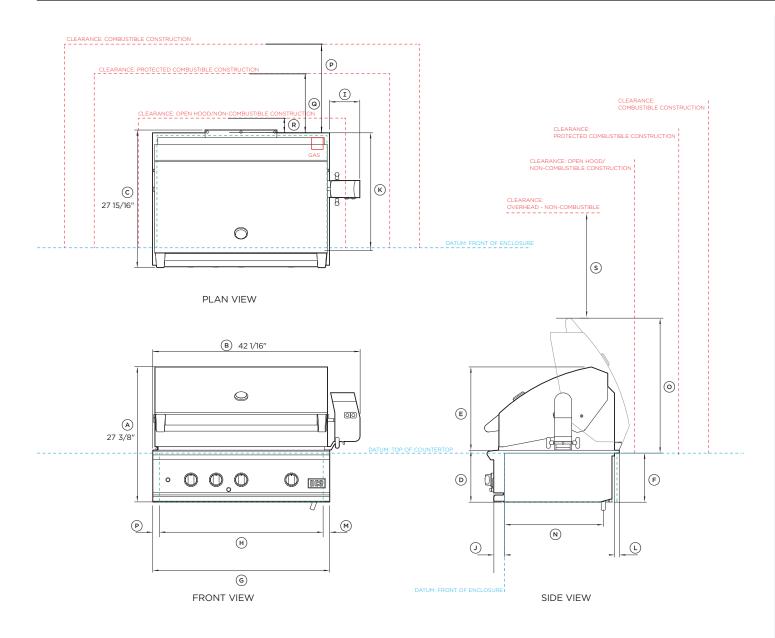
If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

48" Insulated jacket model number: BGA48-IJS

INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------







36" Grills with rotisserie - BE1-36RCI, BE1-36RC

Product Dimensions	inch	mm
Overall height (excluding lid)	27 3/8	696
Overall width including rotisserie motor	42 1/16	1069
© Overall depth	27 15/16	709
Height of chassis including flange	10 1/2	267
Height of chassis from top of hood to flange	16 15/16	430
Height of chassis below flange	9 15/16	253
© Width of control panel	35 15/16	912
Width of Chassis inside enclosure	33 11/16	855
① Rotisserie motor depth	6 1/8	156
① Control panel depth	2 3/16	55
® Front of cabinet (proud) to rear flange	23 5/16	592
© Depth of rear flange	1	25
─────────────────────────────────────	1 3/16	29.5
® Front of chassis to gas outlet	20 1/16	509
Height of open hood to top of counter-top	27 3/16	691

Minimum Clearances		inch	mm
P	Clearance to combustible construction	18	457
@	Clearance to protected combustible construction	12	305
R	Clearance to non-combustible construction	3	76
S	Minimum clearance top of open hood to non-combustible surface	24	610

Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

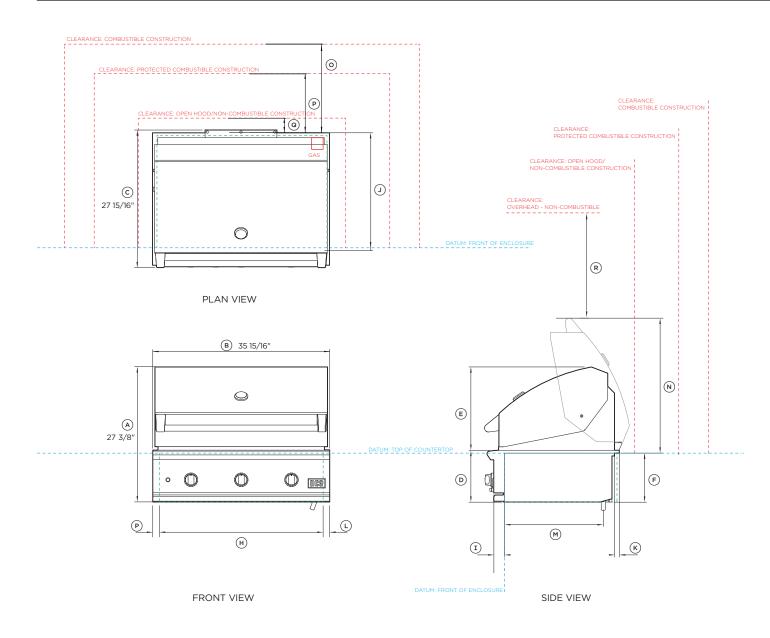
If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

36" Insulated jacket model number: BGA36-IJS

## INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------







36" Grills - BE1-36C

Product Dimensions	inch	mm
Overall height (excluding lid)	27 3/8	696
® Overall width	35 15/16	912
© Overall depth	27 15/16	709
Height of chassis including flange	10 1/2	267
© Height of chassis from top of hood to flange	16 15/16	430
F Height of chassis below flange	9 15/16	253
Width of Chassis inside enclosure	33 11/16	855
① Control panel depth	2 3/16	55
Front of cabinet (proud) to rear flange	23 5/16	592
© Depth of rear flange	1	25
© Width of side flanges	1 3/16	29.5
Front of chassis to gas outlet	20 1/16	509
Height of open hood to top of counter-top	27 3/16	691

Mir	nimum Clearances	inch	mn
0	Clearance to combustible construction	18	45
P	Clearance to protected combustible construction	12	30!
<u>a</u>	Clearance to non-combustible construction	3	76
R	Minimum clearance top of open hood to non-combustible surface	24	610

Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

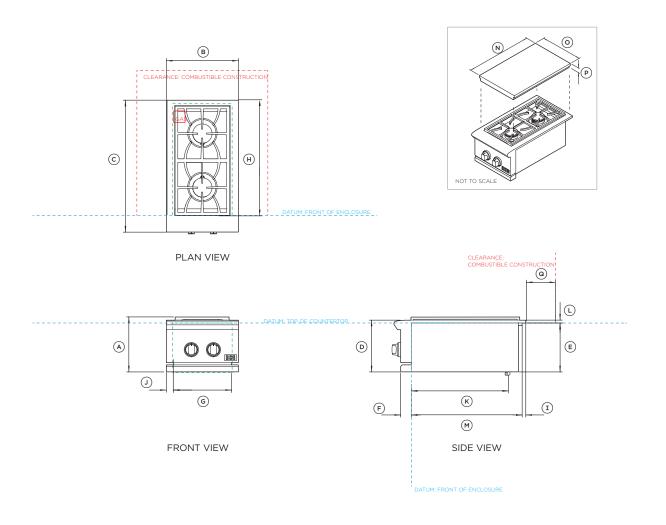
If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

36" Insulated jacket model number: BGA36-IJS

## INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------





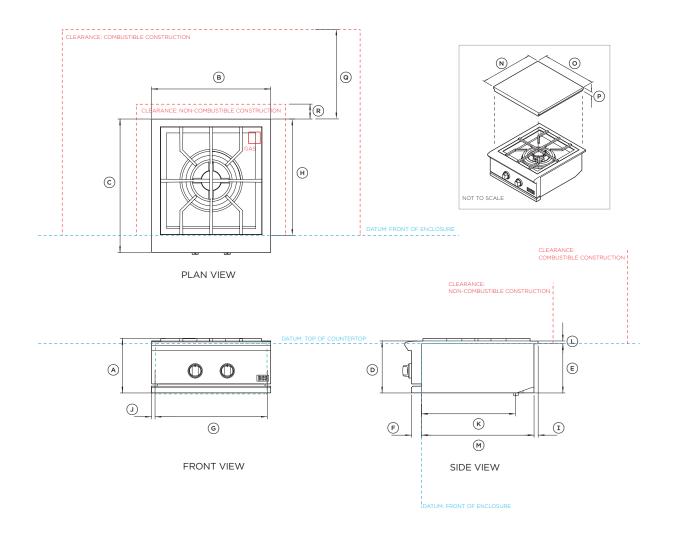


Side burner - SBE1-142

Product Dimensions	inch	mm
Overall height	11 3/4	285
® Overall width	14 11/16	373
© Overall depth (excluding dials)	26 7/8	683
Height of chassis including flange	10 5/8	268
Height of chassis below flange	9 15/16	253
© Control panel depth	2 3/16	55
Width of Chassis inside enclosure	11 7/8	30
Front of cabinet (proud) to rear flange	11 1/4	286
<ul><li>Depth of rear flange</li></ul>	3/4	19
Width of side flanges	1 7/6	36
® Front of chassis to gas outlet	20 1/16	509
© Height of flange	19/32	15
Depth of chassis	22 9/16	573
® Depth of lid	23	585
Width of lid	14 3/8	365
Height of lid	1 11/16	43

Minimum Clearances	inch	mm
© Clearance to surfaces above counter-top at rear and sides	6	152

INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------



## 0 5 10 20

#### Model no:

Power burner - PBE1-24

Product Dimensions	inch	mm
Overall height	11	279
Overall width	24	610
© Overall depth (excluding dials)	26 7/8	683
Height of chassis including flange	10 1/2	266
Height of chassis below flange	9 15/16	252
© Control panel depth		51
Width of chassis inside enclosure	20 3/16	552
Front of cabinet (proud) to rear flange	23 1/2	597
Depth of rear flange	1	25
Width of side flanges	1 1/8	29
Front of chassis to gas outlet	20 1/16	509
© Height of flange	9/16	14
Depth of chassis	22 9/16	573
Depth of lid	22 15/16	583
Width of lid	23 5/8	600
Height of lid	1 11/16	43

Minimum Clearances	inch	mm
Clearance to combustible construction	18	457
® Clearance to non-combustible construction	3	76

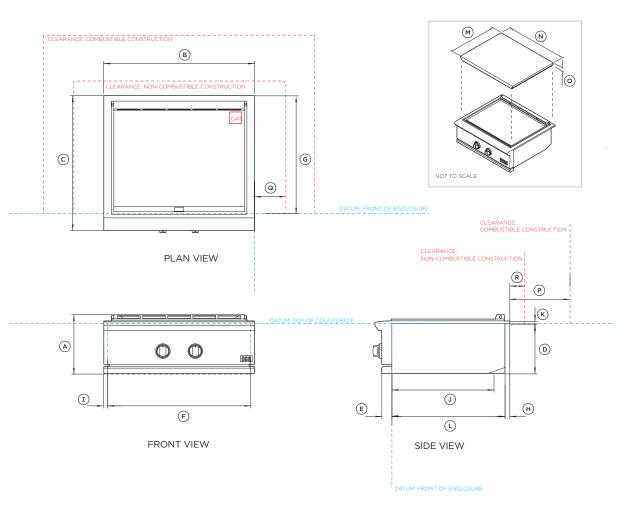
Note: The power burner should be mounted 6 - 12" below the counter-top height to assist with lifting heavy pans and wind protection.

If the power burner is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

24" Insulated jacket model number: BGA24-IJS

INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------

CLEARANCE: COMBUSTIBLE CONSTRUCTION



#### Model no:

Griddle - GDE1-30

Product Dimensions	inch	mm
Overall height	11 3/4	298
® Overall width	30	762
© Overall depth (excluding dials)	26 7/8	683
Height of chassis below flange	9 15/16	252
© Control panel depth	2	51
Width of chassis inside enclosure	27 13/16	707
© Front of cabinet (proud) to rear flange	23 1/2	597
Depth of rear flange	1	25
① Width of side flanges	1 1/16	27.5
① Front of chassis to gas outlet	20 1/16	509
® Height of flange	9/16	14
© Depth of chassis	22 9/16	573
M Depth of lid	23	585
® Width of lid	29 1/2	750
Height of lid	1 11/16	43

Mir	nimum Clearances	inch	mm
P	Clearance to combustible construction above counter top at rear and sides	12	305
@	Clearance to non-combustible construction above counter top at sides	6	152
R	Clearance to non-combustible construction above counter top at rear	3	76

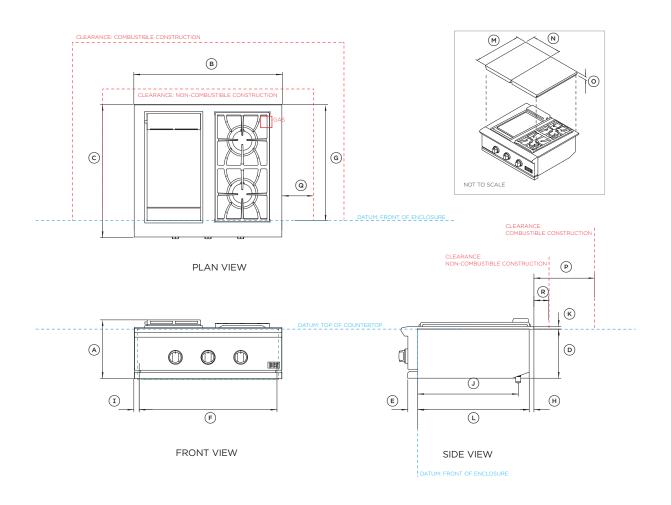
Note: If the griddle is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

30" Insulated jacket model number: BGB30-IJS

INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------







Griddle/side burner - GDSBE1-302

Product Dimensions	inch	mm
Overall height	12	305
® Overall width	30	762
© Overall depth (excluding dials)	26 7/8	683
Height of chassis below flange	9 15/16	252
© Control panel depth		51
F Width of chassis inside enclosure	27 13/16	707
© Front of cabinet (proud) to rear flange	23 1/2	597
Depth of rear flange	7/8	22
Width of side flanges	1 1/16	27.5
Front of chassis to gas outlet	20 1/32	509
Height of flange	9/16	14
© Depth of chassis	22 9/16	573
Depth of lids (left and right)	23	584
Width of lids (left and right)	14 3/8	365
Height of lids (left and right)	1 11/16	43

Mir	nimum Clearances	inch	mm
P	Clearance to combustible construction above counter top at rear and sides	12	305
@	Clearance to non-combustible construction above counter top at sides	6	152
R	Clearance to non-combustible construction above counter top at rear	3	76

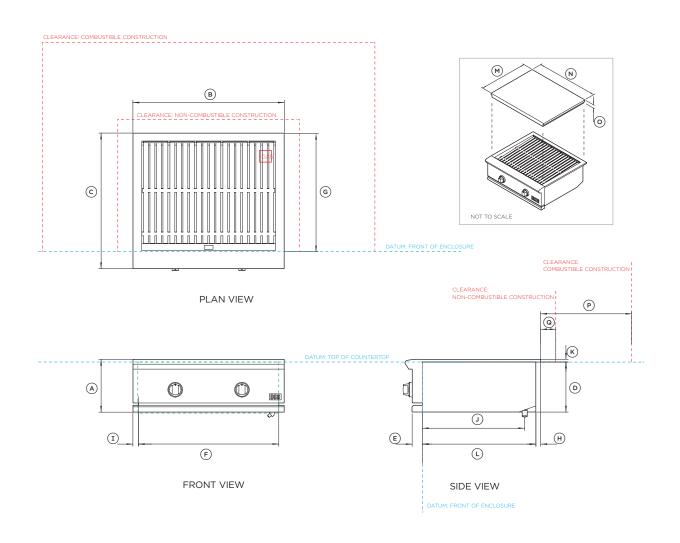
Note: If the griddle is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

30" Insulated jacket model number: BGB30-IJS

INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------







All grill - BE1-30AG

Product Dimensions	inch	mm
Overall height	10 1/2	266
® Overall width	30	762
© Overall depth (excluding dials)	26 7/8	683
Height of chassis below flange	9 15/16	252
© Control panel depth	2 1/16	52
© Width of chassis inside enclosure	27 13/16	707
© Front of cabinet (proud) to rear flange	23 1/2	596
Depth of rear flange	1	25
Width of side flanges	1 1/16	27.5
Front of chassis to gas outlet	20 1/16	509
Height of flange	9/16	14
© Depth of chassis	22 9/16	573
Depth of lid		585
® Width of lid	29 1/2	750
Height of lid	1 11/16	43

Mir	nimum Clearances	inch	mm
P	Clearance to combustible construction above counter top at rear and sides	18	457
@	Clearance to non-combustible construction above counter top at rear	3	76

Note: If the griddle is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

30" Insulated jacket model number: BGB30-IJS

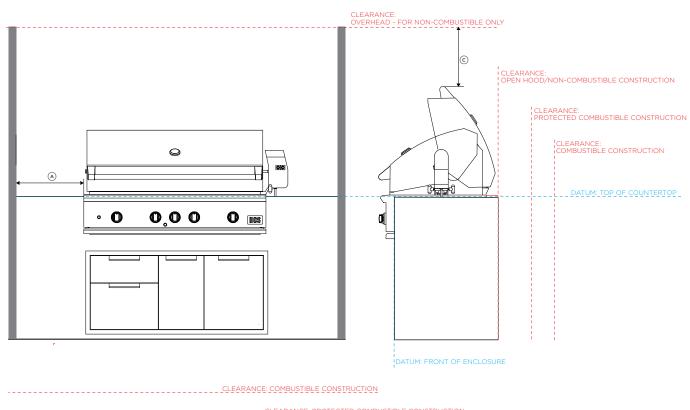
INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------



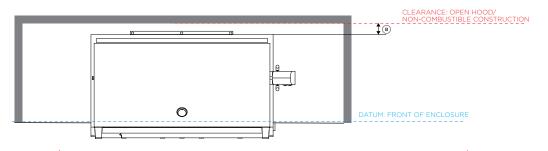


**PLANNING CONSIDERATIONS** 





#### CLEARANCE: PROTECTED COMBUSTIBLE CONSTRUCTION



#### Model no:

Grills - BE1-48RCI, BE1-48RC, BE1-48C BE1-36RCI, BE1-36RC, BE1-36C

Clearance to non-combustible* surfaces	inch	mm
Minimum clearance to sides	6	153
® Minimum clearance to back	3	76
© Minimum clearance top of open hood to surface	24	610
Clearance to combustible** surfaces	inch	mn
Minimum clearance to sides	18	457
® Minimum clearance to back	18	457
Clearance to protected*** combustible surfaces	inch	mn
Minimum clearance to sides	12	305
Minimum clearance to back	12	30

\*Non-combustible materials are materials that are not capable of being ignited and burned consisting evntirely of steel, iron, brick tile, concrete, slate and plaster.

\*\*Combustible materials include any decorative or structural material made of wood, compressed paper, plant fibres, vinyl, plastic or other materials that are capable of transferring heat or being ignited or burned. Such materials are considered combustible even if flame proofed, fire retardant treated, surface painted or plastered. Clearances from combustible materials of minimum 18" (457mm) apply to the internal carcass of the cabinet if an insulation jacket is not used.

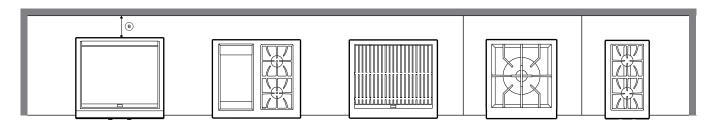
\*\*\*Protected combustible surfaces have a non-combustible material (minimum 4" or 102mm) in front of or covering combustible material.

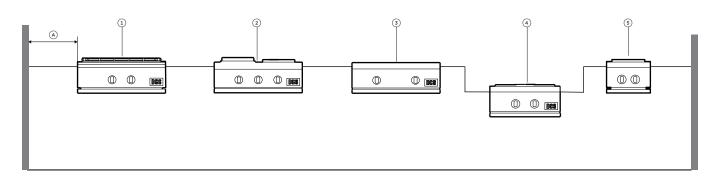
Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

## INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------

#### **TOP VIEW**





**FRONT VIEW** 

#### Model no:

30" Griddles - 1 GDE1-30, 2 GDSBE1-30

Clearance to non-combustible* surfaces above counter top	inch	mm
Minimum clearance to sides	6	152
® Minimum clearance to back	3	76
Clearance to combustible** surfaces above counter top		mm
Minimum clearance to sides	12	305
® Minimum clearance to back	12	305

#### Model no:

Specialty Cooking - 3 BE1-30AG, 4 24" PBE1-24

openially cooming () BE1 conto, () E1 1 BE1 E1		
Clearance to non-combustible* surfaces above counter top	inch	mm
Minimum clearance to sides	3	76
® Minimum clearance to back	3	76
Clearance to combustible** surfaces above counter top	inch	mm
Minimum clearance to sides	18	457
® Minimum clearance to back	18	457

#### Model no:

14" Specialty Cooking - ⑤ SBE1-142		
Clearance to combustible** surfaces above counter to	p inch	mn
Minimum clearance to sides	6	152
® Minimum clearance to back	6	152

\*Non-combustible materials are materials that are not capable of being ignited and burned consisting entirely of steel, iron, brick tile, concrete, slate and plaster

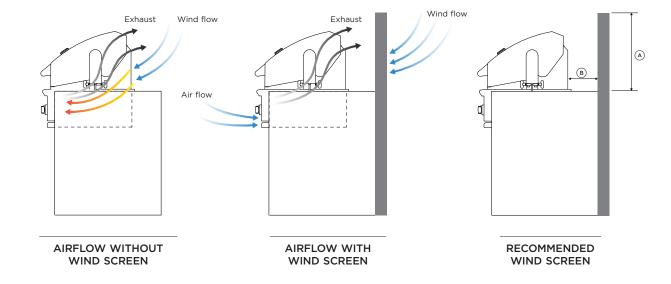
\*\*Combustible materials include any decorative or structural material made of wood, compressed paper, plant fibres, vinyl, plastic or other materials that are capable of transferring heat or being ignited or burned. Such materials are considered combustible even if flame proofed, fire retardant treated, surface painted or plastered. Clearances from combustible materials of minimum 18" (457mm) apply to the internal carcass of the cabinet if an insulation jacket is not used.

\*\*\* Protected combustible surfaces have a non-combustible material (minimum 4" or 102mm)in front of or covering combustible material.



## SPECIFICATIONS | WIND SCREEN PROTECTION

Wind hitting the grill while in use, (especially wind blowing into or across the hood gap) can cause poor performance. In some cases wind can cause the control panel to get hot. If wind is an issue, a windscreen should be added.



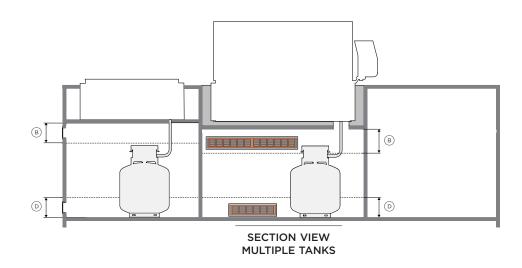
inch	mm
18 3/4	476
18	457
3	76
	18 3/4

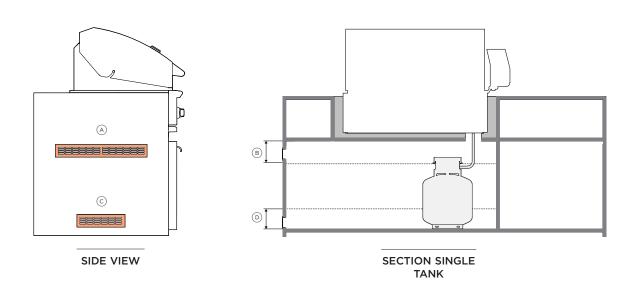
Note: Wind hitting the grill while in use, (especially wind blowing into or across the hood gap) can cause poor performance and in some cases can cause the control panel to get dangerously hot. If wind is an issue, a windscreen should be added.

INDICATES CABINETRY / PRODUCT DATUM -----INDICATES CABINETRY CLEARANCES ------



## SPECIFICATIONS | VENTILATION REQUIREMENTS FOR LP CYLINDER ENCLOSURES





#### LP cylinder storage \*ventilation requirements:

Ventilation Dimensions		
Upper ventilation min free area** (1"2 per lb)	20"2(20lb cylinder)	129cm²
Upper ventilation openings must be installed within 5" (127mm) of the top of the enclosure and unobstructed.	5"	127mm
© Lower ventilation min free area** (1/2"²per lb)	10"2 (20lb cylinder)	64.5cm <sup>2</sup>
Dower ventilation openings must be installed within 5" (127mm) of the bottom of the		
enclosure and unobstructed.	5"	127mm

\*Refer to ANSI Z21.58 Standard for Outdoor Cooking Gas Appliances, Section 4.6.2 Enclosures For Self Contained LP-Gas Supply Systems. Both upper and lower ventilation openings are required.

\*\*Free area is the area within an opening unobstructed by grills or dampers when in operation. Every opening must be wide enough to fit an 3/16" (4.8mm) rod.

Note: At least one ventilation opening shall be provided on the exposed exterior side of the enclosure located within 5" (127mm) of the top of the enclosure and unobstructed. The opening(s) shall have a total free area of not less than 1"2/lb (14.2cm²/kg) of stored fuel capacity.

At least one ventilation opening shall be provided on the exposed exterior side of the enclosure I" (25.4mm) or less from the floor level and shall have a total free area of not less than 1/2"²/lb (7.1cm²/kg) of stored fuel capacity. The upper edge shall be no more than 5" (127mm) above the floor level.

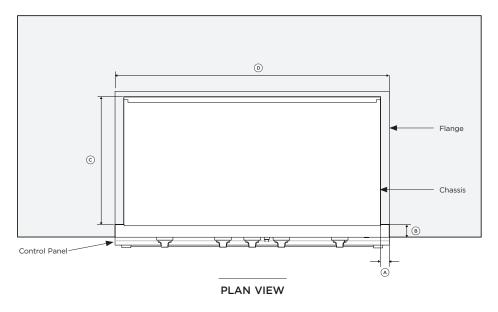
Every opening shall have a minimum dimension so as to permit the entrance of a  $3/16^{\prime\prime}$  (4.8mm) rod.

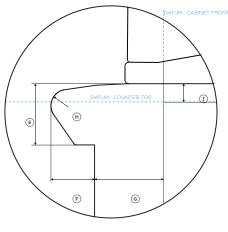
Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------

## SPECIFICATIONS | BULL-NOSE EDGING DETAILS

Counter-tops with bull-nose edging or overhang require notching around the control panel of your grill or specialty cooking product. Ensure proper customization for a seamless fit.





DETAIL VIEW - GRILL BULL-NOSE

Bull-nose Dimensions		
Non-combustible counter-top notch dimensions	inch	mm
Counter-top control panel notch		
Grills BE1-48RCI, BE1-36RCI, BE1-48RC, BE1-36RC, BE1-48C, BE1-36C	1 1/2	38.6
Griddle GDE1-30, Griddle/Side burner GDSBE1-302	1 1/16	27.5
All Grill BE1-30AG	11/16	17.9
Power Burner PBE1-24	3/4	19.3
Double Side Burner SBE1-24	1 13/32	36
Counter-top overhang dimensions vary according to	counter-top desi	ign
© See Cabinet Specifications pages for your product di	mensions	
See Cabinet Specifications pages for your product di	mensions	
Grill & specialty cooking bull-nose and control panel dim	ensions	
© Bull-nose height	1 9/16	40
© Bull-nose to control panel	1 7/16	36
© Control panel to cabinet front		
Grills BE1-48RCI, BE1-36RCI, BE1-48R, BE1-36R, BE1-48C, BE1-36C	2 3/16	55.6

## INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------

Griddle GDE1-30

All Grill BE1-30AG

⊕ Bull-nose diameter

I Flange height

Power Burner PBE1-24

Double Side Burner SBE1-24

Griddle/Side burner GDSBE1-302

IMPORTANT NOTE: Throughout this guide, dimensions may vary by ±2mm (1/16"). Please read the Installation Guide for detailed information on installing the product. For full installation instructions visit dcsappliances.com

2

2

2

2

1

2 1/8

9/16

51

51

51

55

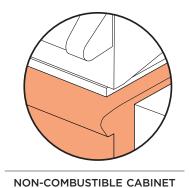
25.4

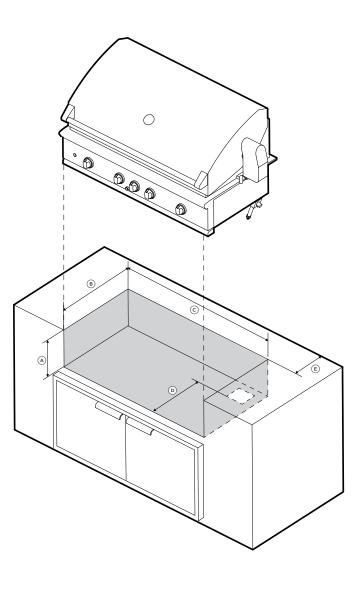
14

**GRILL CABINET SPECIFICATIONS** 



## SPECIFICATIONS | GRILL INSTALLATION





#### Model no:

48" Grills - BE1-48RCI, BE1-48RD, BE1-48C

Product Dimensions		
Non-combustible cabinetry	inch	mm
Cavity height	10 1/8	257
Gavity depth	22 3/4	578
© Cavity width	45 3/4	1162
Depth to gas supply opening	18 1/2	470
© Minimum hood swing clearance	min 3 3/4	min 95

#### Model no:

36" Grills - BE1-36RCI, BE1-36RC, BE1-36C

Non-combustible cabinetry	inch	mm
Cavity height	10 1/8	257
® Cavity depth	22 3/4	578
© Cavity width	34 1/2	876
Depth to gas supply opening	18 1/2	470
© Minimum hood swing clearance	min 3 3/4	min 95

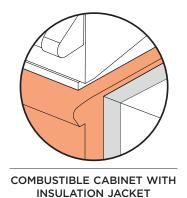
INDICATES CABINETRY / PRODUCT DATUM --INDICATES CABINETRY CLEARANCES -------

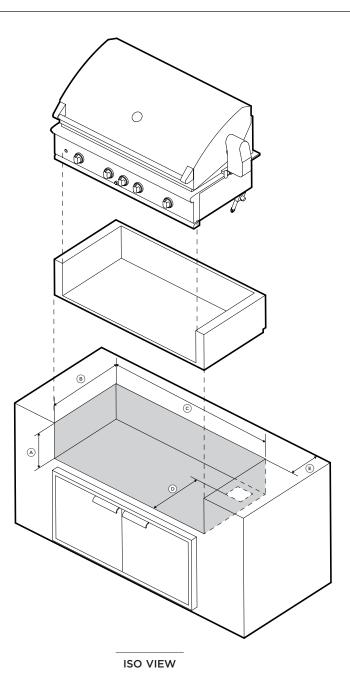
IMPORTANT NOTE: Throughout this guide, dimensions may vary by  $\pm 2$ mm (1/16"). Please read the Installation Guide for detailed information on installing the product. For full installation instructions visit dcsappliances.com

ISO VIEW



## SPECIFICATIONS | GRILL INSTALLATION





#### Model no:

48" Grills - BE1-48RCI, BE1-48RC, BE1-48C

Product Dimensions		
Combustible cabinetry with insulation jacket	inch	mm
Cavity height	11 1/8	283
B Cavity depth	23 3/4	603
© Cavity width	51 7/8	1318
Depth to gas supply opening	18 1/2	470
© Minimum hood swing clearance	min 3	min 76

#### Model no:

36" Grills - BE1-36RCI, BE1-36RC, BE1-36C

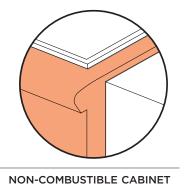
Combustible cabinetry with insulation jacket	inch	mm
Cavity height	11 1/8	283
® Cavity depth	23 3/4	603
© Cavity width	40 1/2	1029
Depth to gas supply opening	18 1/2	470
© Minimum hood swing clearance	min 2 27/32	min 72

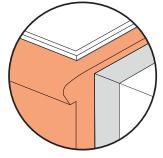
INDICATES CABINETRY / PRODUCT DATUM ------INDICATES CABINETRY CLEARANCES ------

SPECIALTY COOKING CABINET SPECIFICATIONS

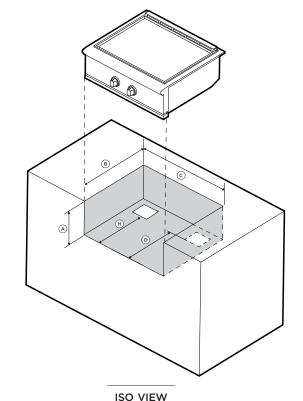


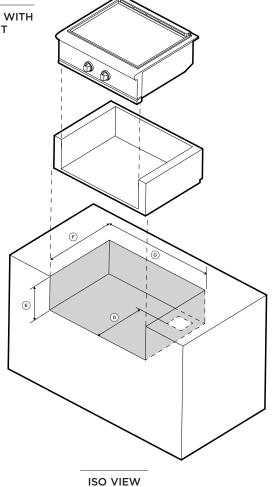
## SPECIFICATIONS | SPECIALTY COOKING INSTALLATION





COMBUSTIBLE CABINET WITH INSULATION JACKET





#### Model no:

30" Specialty Cooking - GDE1-30, GDSBE1-302, BE1-30AG

Product Dimensions		
Non-combustible cabinetry	inch	mm
Cavity height	10 1/8	257
® Cavity depth	22 3/4	578
© Cavity width	28 1/2	724
Depth to gas supply opening (right)	18 1/2	470
Combustible cabinet with insulation jacket	inch	mm
© Cavity height	11 1/8	283
© Cavity depth	23 3/4	603
© Cavity width	34 7/8	886
-		

#### Model no:

24" Specialty Cooking - PBE1-24

Non-combustible cabinetry	inch	mm
Cavity height	10 1/8	257
Cavity depth	22 3/4	578
© Cavity width	22 1/2	572
Depth to gas supply opening (right)	18 1/2	470
Combustible cabinet with insulation jacket	inch	mm
© Cavity height	11 1/8	283
© Cavity depth	23 3/4	603
© Cavity width	28 7/8	734

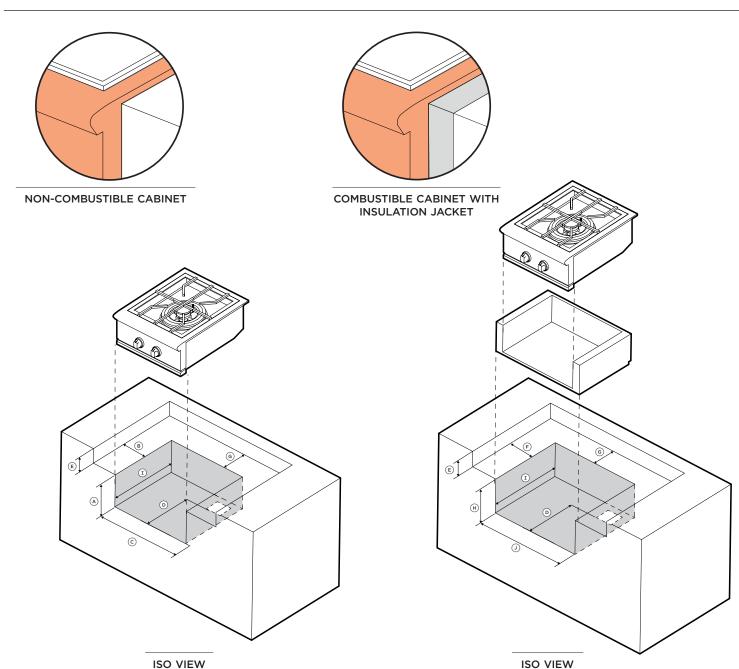
#### Model no:

14" Specialty Cooking - SBE1-142

Non-combustible cabinetry	inch	mm
Cavity height	10 1/8	257
Cavity depth	22 3/4	578
© Cavity width	12 1/8	308
Depth to gas supply opening (left)	18 1/2	470

## INDICATES CABINETRY / PRODUCT DATUM ----INDICATES CABINETRY CLEARANCES -----------

## SPECIFICATIONS | 24" POWER BURNER - RECESSED CAVITY INSTALLATION



#### Model no:

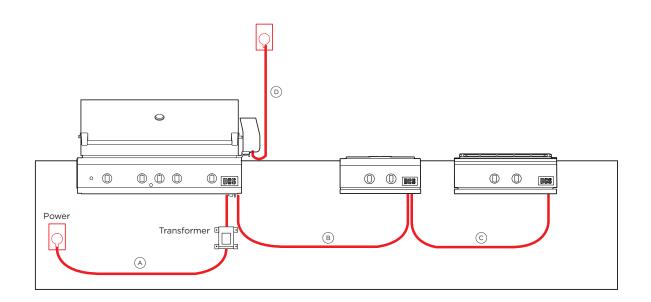
24" Specialty Cooking - PBE1-24

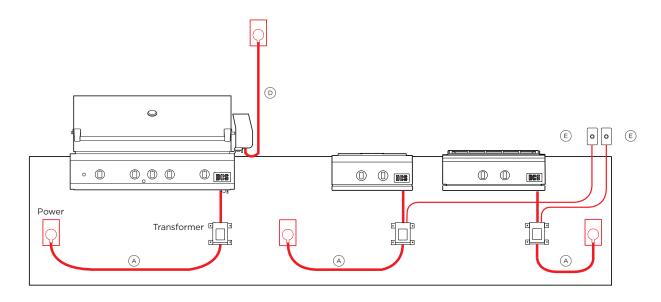
Non-combustible cabinetry	inch	mm
(A) Cavity height	10 1/8	257
® Cavity depth	22 3/4	578
© Cavity width	22 1/2	572
Depth to gas supply opening	18 1/2	470
© Height of counter-top recess	6-12	152-305
© Minimum distance to recess sides	6	152
Minimum distance to recess back	3	76
Combustible cabinet with insulation jacket	inch	mm
Depth to gas supply opening	18 1/2	470
© Height of counter-top recess	6-12	152-305
© Minimum distance to recess sides	6	152
Minimum distance to recess back	3	76
(H) Cavity height	11 1/8	283
① Cavity depth	23 3/4	603
Cavity width	28 7/8	73/

INDICATES CABINETRY / PRODUCT DATUM ----INDICATES CABINETRY CLEARANCES ------

**SERVICES** 







#### **Maximum Distance of Cords**

#### **Model Numbers:**

Grills - BEI-48RCI, BEI-36RCI, BEI-48RC, BEI-36RC Specialty cooking - GDEI-30, GDSBEI-302, BEI-30AG, PBEI-24. SBEI-142 Interconnectivity connector cables - BGA-4PC, BGA-6PC External lighting power button - BGA-LB DCS

Pro	duct Dimensions	inch	mm
A	Maximum power cord length from transformer	63	1600
B	4ft Extension cable (BGA-4PC) length	48	1200
©	6ft Extension cable (BGA-6PC) length	72	1800
0	Maximum rotisserie power cord length transformer	31 1/2	800
E	External lighting power button can be used with 4ft	& 6ft extens	sion cables

Specifications		
120V 60Hz		
13-15A		

Note: Use only a Ground Fault Interrupter (GFI) protected circuit with these products. An outdoor 120VAC 15A GFI electrical outlet must be installed by a qualified electrician.

