

PROFESSIONAL GRILLS SERIES 7 OUTDOOR KITCHEN

PLANNING GUIDE

BH1-48RS | BH1-48RI | BH1-36RI | BH1-48R | BH1-36R | BH1-30R | BH1-48 |
BH1-36 | BH1-30 | BGA54-IJS | BGA48-IJS | BGA42-IJS | BGA36-IJS |
BGA30-IJS | ASH6-48 | ASH6-36

DES

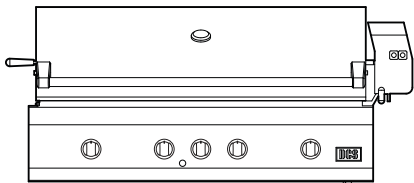
This comprehensive Planning Guide provides you with the framework and tools to achieve your desired design outcome with DCS appliances. In this guide, you will find a range of conceptual, detailed, and dimensional product information to bring your ideas to life and create spaces that truly reflect your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

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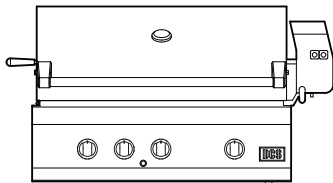
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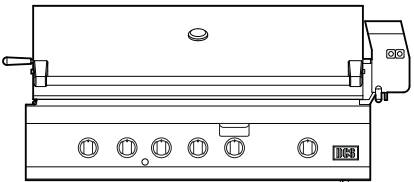
DESIGN CHOICES



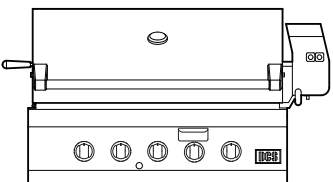
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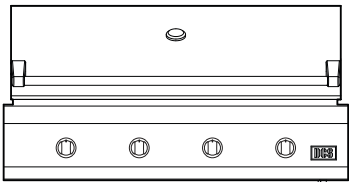
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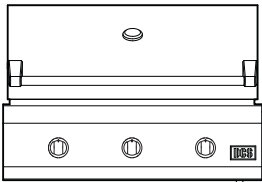
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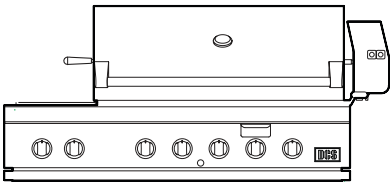
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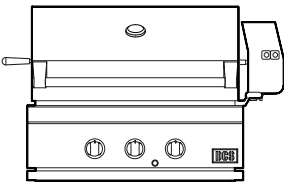
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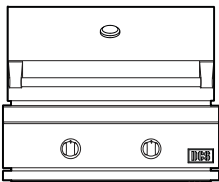
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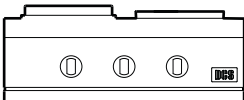
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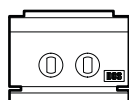
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GRILLS

1 BH1-48RI Grill

48" Grilling surface, rotisserie, full surface searing, IR sear burner, warming rack. Gas options: LP or NG

2 BH1-36RI Grill

36" Grilling surface, rotisserie, full surface searing, IR sear burner warming rack. Gas options: LP or NG

3 BH1-48R Grill

48" Grilling surface, rotisserie, smoker tray, full surface searing, warming rack. Gas options: LP or NG

4 BH1-36R Grill

36" Grilling surface, rotisserie, smoker tray, full surface searing, warming rack. Gas options: LP or NG

5 BH1-48 Grill

48" Grilling surface, full surface searing, warming rack. Gas options: LP or NG

6 BH1-36 Grill

36" Grilling surface, full surface searing, warming rack. Gas options: LP or NG

7 BH1-48RS Grill with side-burner

48" Grilling surface, rotisserie, smoker tray, full surface searing, warming rack, integrated side-burners. Gas options: LP or NG

8 BH1-30R Grill

30" Grilling surface, rotisserie, full surface searing, warming rack. Gas options: LP or NG

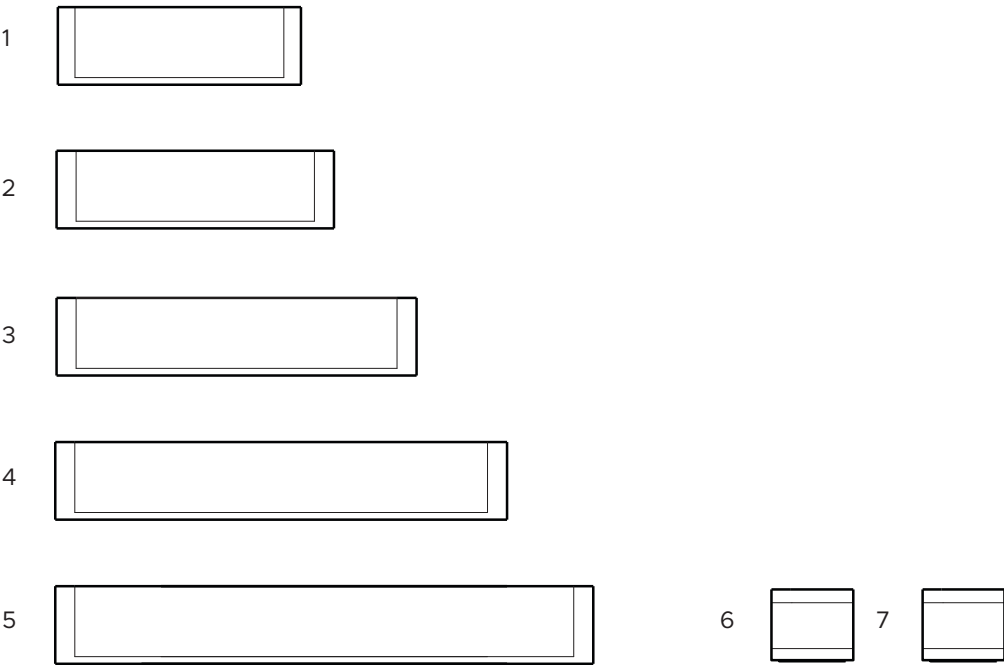
9 BH1-30 Grill

30" Grilling surface, full surface searing, warming rack. Gas options: LP or NG

10 BFGC-30BGD Griddle/Side Burner

11 BGC132-BI Double Side Burner

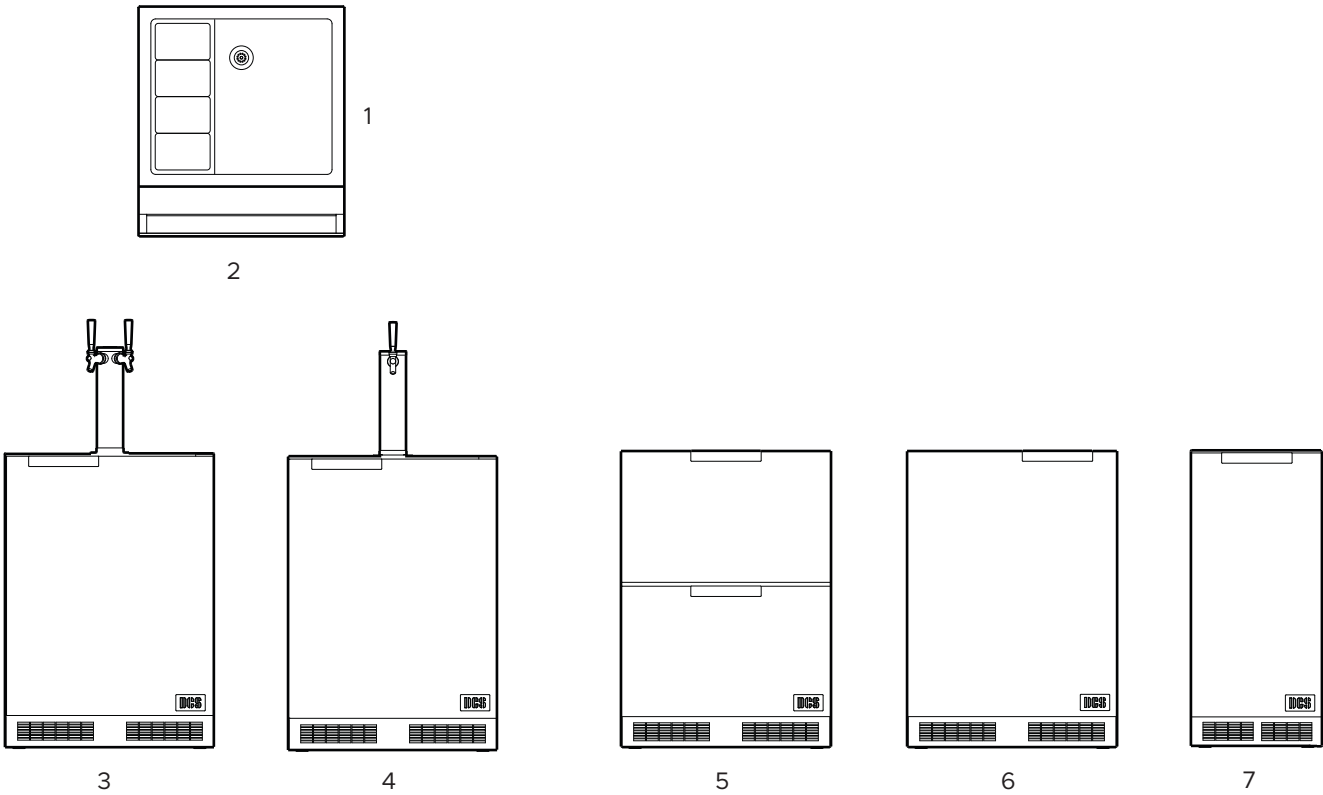
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INSULATION JACKETS

- 1 BGB30-IJS Insulation Jacket**
30" Jacket for combustible cabinet installation with BH1-30R grill or BFGC-30BGD Griddle/Side Burner
- 2 BGA36-IJS Insulation Jacket**
36" Jacket for combustible cabinet installation
- 3 BGA42-IJS Insulation Jacket**
42" Jacket for combustible cabinet installation (ASH6-36 6" storage in combination with S7 36" grill)
- 4 BGA48-IJS Insulation Jacket**
48" Jacket for combustible cabinet installation
- 5 BGA54-IJS Insulation Jacket**
54" Jacket for combustible cabinet installation (ASH6-48 6" storage in combination with S7 48" grill)
- 6 ASH6-48 Side Storage**
6" Storage unit for side installation with S7 48" grills
- 7 ASH6-36 Side Storage**
6" Storage unit for side installation with S7 36" grills

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CHILLERS IN COUNTER

- 1 BC25 Chiller Sink**
25" Bottle and ice sink with four condiment storage containers.
- 2 BC-BTTLEAC-25 Bottle Holder Sink Accessory**
25" 1 litre bottle holder with towel rack.

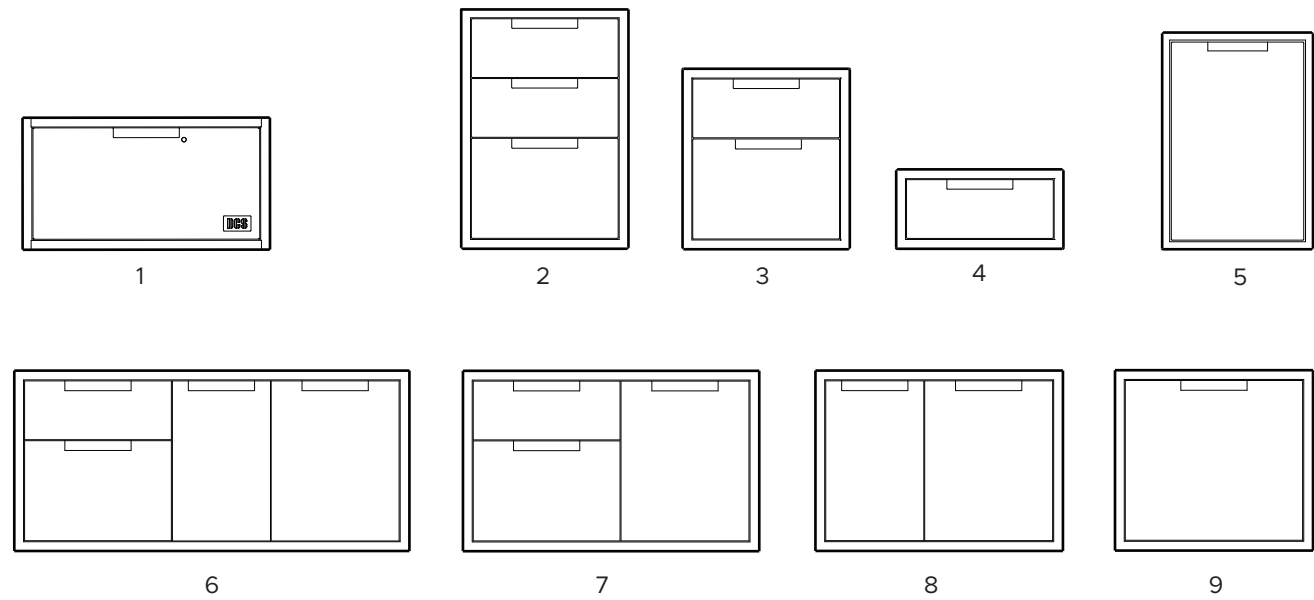
- 3 RF24BTR2, RF24BTL2 Outdoor Beer Dispenser**
24" Dual tap, CO2 tank and regulator, refrigerated keg storage, door open alarm, digital temperature control with in counter drainage system. Left or right door opening.

- 4 RF24BTR2, RF24BTL2 Outdoor Beer Dispenser**
24" Single tap, CO2 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.
- 6 RF24RE4, RF24LE4 Outdoor refrigerator**
24" Single door refrigerator, 5.3 cu foot capacity and open door alarm. Left or right door opening.
- 7 RF15IL3, RF15R3 Outdoor Ice Machine**
15" Ice Machine, 39lb per day, sound buffered, eco and delay mode.

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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.

5 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.

9 ADR2-24 Access drawers

24" Wide access single drawer or convert to trash drawer.

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ACCESS DOORS

- 1 DP1-42 Dry pantry**

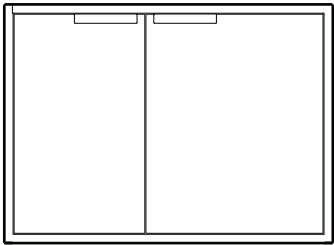
42" Wide dry pantry, adjustable storage, removable storage bins and wire shelves.
- 2 ADN1-20X48 Access doors**

48" Wide access doors, for built in cabinet storage.
- 3 ADN1-20X36 Access doors**

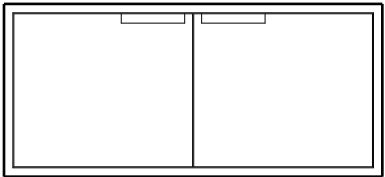
36" Wide access doors, for built in cabinet storage.
- 4 ADN1-20X30 Access doors**

30" Wide access doors, for built in cabinet storage.
- 5 ADN1-20X24 Access doors**

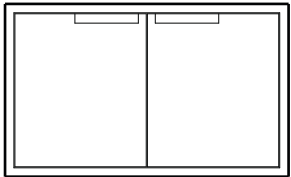
24" Wide access doors, for built in cabinet storage.



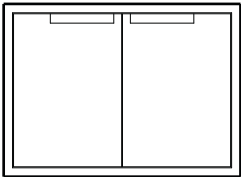
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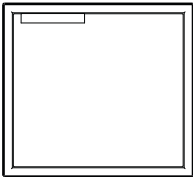
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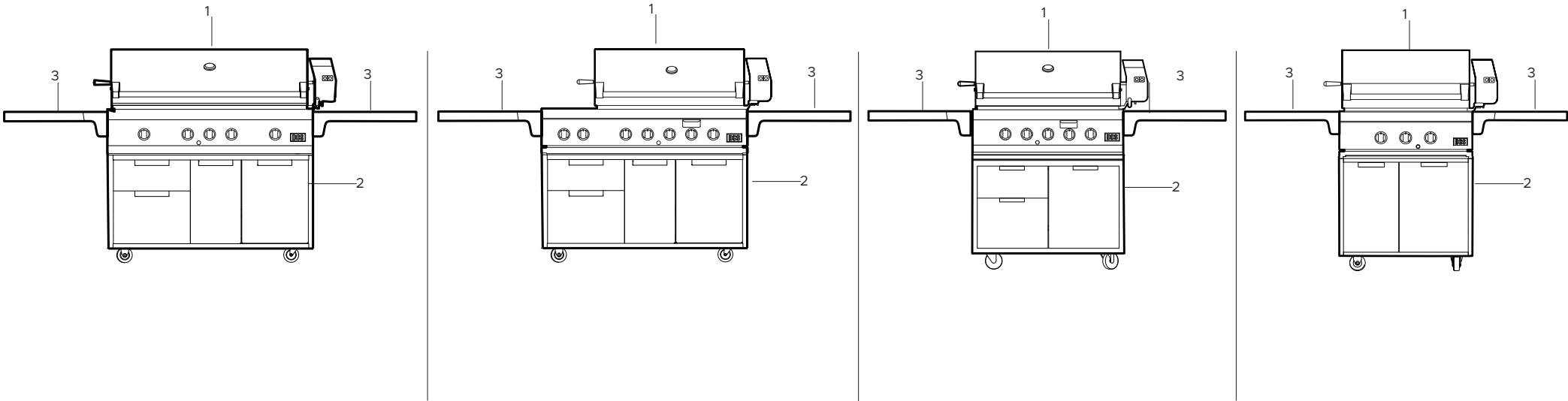


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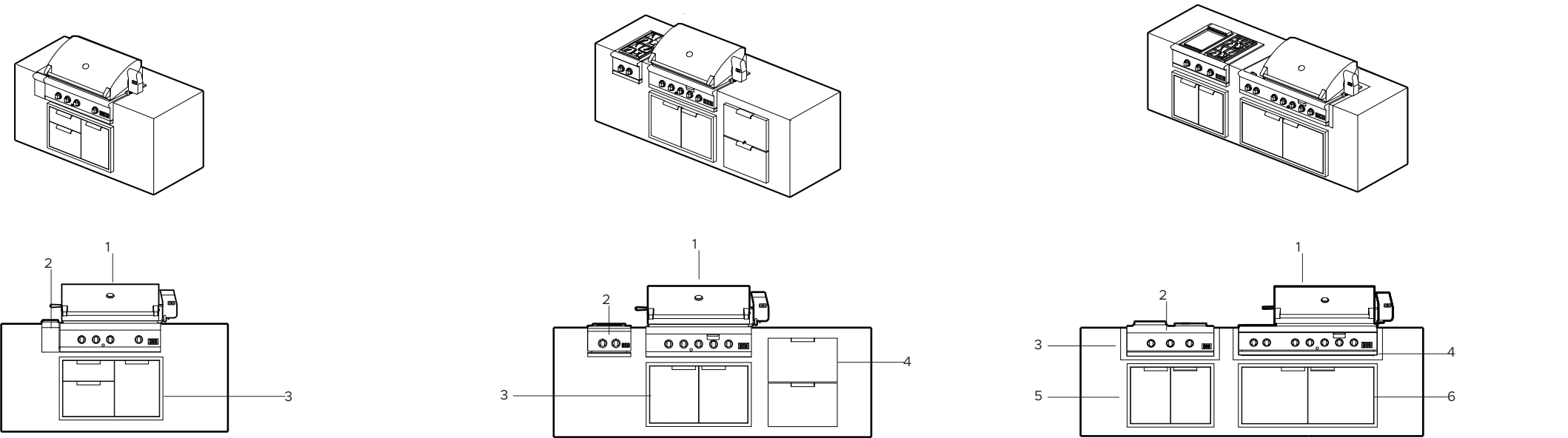
MODELS

1 48" Grill with Rotisserie and Sear Burner	1 48" Grill with Side Burner	1 36" Grill with Rotisserie and Smoker Tray	1 30" All Grill
Models: BH1-48RI-L (LPG), BH1-48RI-N (NG)	Models: BH1-48RS-L (LPG), BH1-48RS-N (NG)	Models: BH1-36R-L (LPG), BH1-36R-N (NG)	Models: BH1-30R-L (LPG), BH1-30R-N (NG)
2 48" Cad Grill Cart	2 48" Cad Grill Cart	2 36" Cad Grill Cart	2 30" Cad Grill Cart
CAD1-48	CAD1-48	CAD1-36	CAD1-30
3 Shelf Accessories - Optional	3 Shelf Accessories - Optional	3 Shelf Accessories - Optional	3 Shelf Accessories - Optional
Side Shelf - CAD1-SK	Side Shelf - CAD1-SK	Side Shelf - CAD1-SK	Side Shelf - CAD1-SK
Bamboo Cutting Board AP-CBB	Bamboo Cutting Board AP-CBB	Bamboo Cutting Board AP-CBB	Back Bar - CAD30-BB
			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.

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DESIGN CHOICES | COMPACT CONFIGURATIONS



MODELS

1 36" Grill with Rotisserie and Sear Burner

Models: BH1-36RI-L (LPG), BH1-36RI-N (NG)

2 6" Side Storage Unit

ASH6-36

3 36" Access Drawers Built-in

ADR2-36

Note: Multiple grill and storage configurations are available.

1 36" Grill with Rotisserie and Smoker Tray

Models: BH1-36R-L (LPG), BH1-36R-N (NG)

2 14" Double Side Burner

Models: BGC132-BI-L (LPG), BGC132-BI (NG)

3 36" Access Doors Built-in

ADN1-20X36

4 24" Outdoor Refrigerator Drawers

RF24DE4

1 48" Grill with Rotisserie, Side burner and Smoker Tray

Models: BH1-48RS-L (LPG), BH1-48RS-N (NG)

2 30" Griddle/Side Burner

Models: BFGC-30BGD-L (LPG), BFGC-30BGD-N (NG)

3 30" Insulation Jacket

BGB30-IJS

4 48" Insulation Jacket

BGA48-IJS

5 30" Access Drawers Built-in

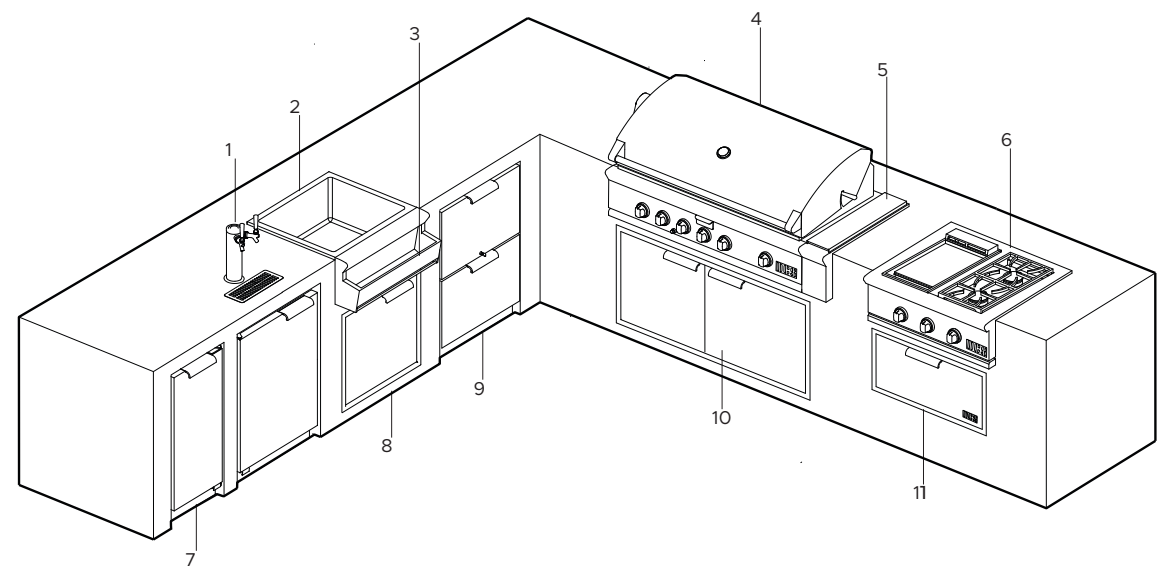
ADN1-20X30

6 48" Access Doors Built-in

ADN1-20X48

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MODELS

1 24" Outdoor Dual Tap Beer Dispenser
RF24BTR2
2 25" Beverage Chiller/Sink
BC25
3 Bottle Holder Accessory
BC-BTTLEAC-25
4 48" Grill with Rotisserie, Sear Burner and Smoker Tray
Models: BH1-48RI-L (LPG), BH1-48RI-N (NG)

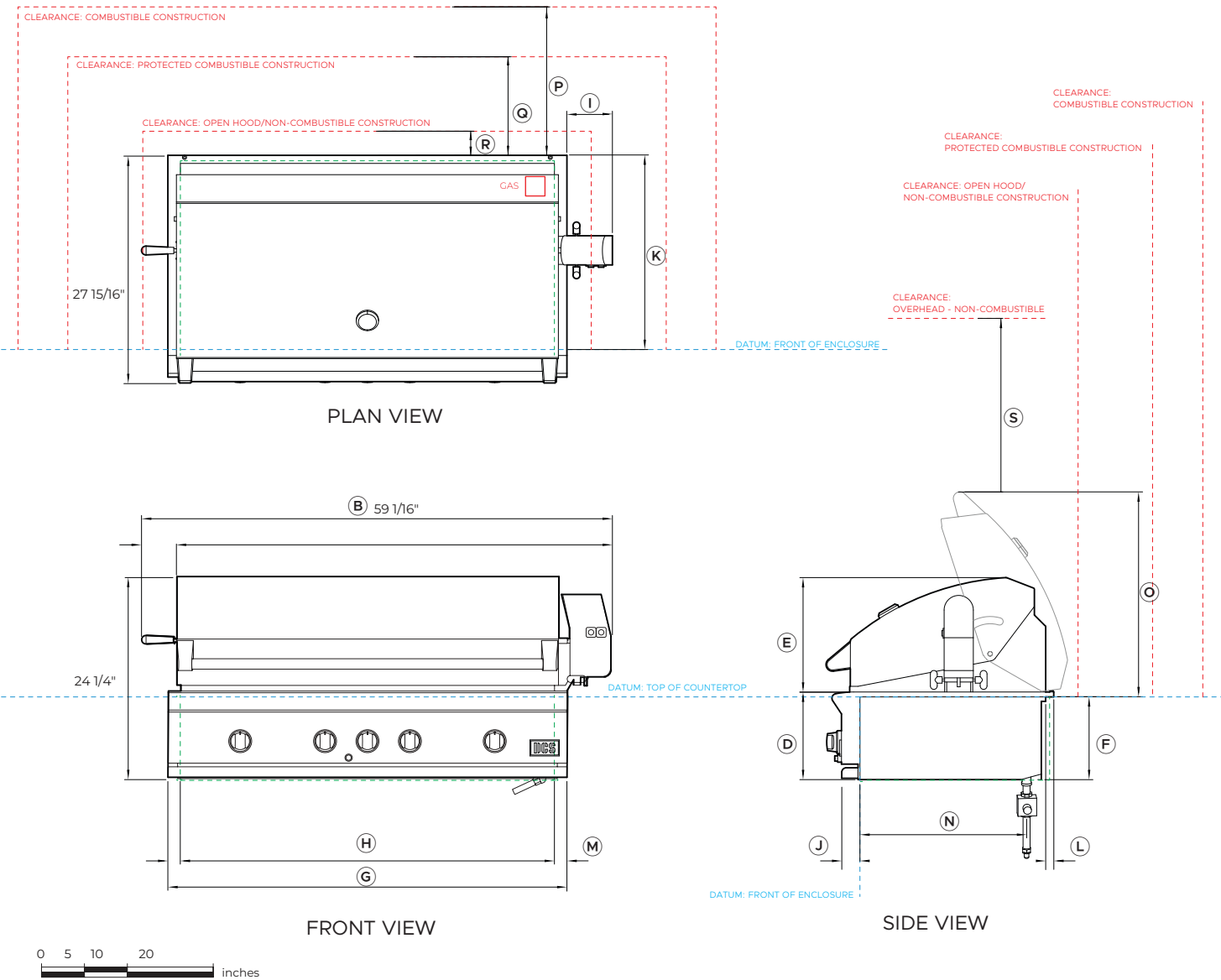
Note: Multiple grill, cooler and storage configurations are available.

5 6" Side Storage Unit
ASH6-48
6 30" Griddle/Side Burner
Models: BFGC-30BGD-L (LPG), BFGC-30BGD-N (NG)
7 15" Outdoor Ice Machine
Models: RF15IL3 (left hand opening), RF15IR3 (right hand opening)
8 24" Access Door
ADN1-20X24

9 24" Outdoor Refrigerator Drawers
RF24DE4
10 48" Access Doors
ADN1-20X48
11 30" Outdoor Warming Drawer
WD1-30-SSOD

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DATA SHEETS



Model no:

48" Grills - BH1-48RI, BH1-48R

Product Dimensions	inch	mm
A Overall height	24 1/4	616
B Overall width including rotisserie motor	59 1/16	1436
C Overall depth	27 5/16	694
D Height of chassis including flange	10 1/2	267
E Height of chassis from top of hood to flange	13 3/4	349
F Height of chassis below flange	9 15/16	253
G Width of control panel	47 15/16	1217
H Width of chassis inside enclosure	44 7/8	1140
I Rotisserie motor depth	5 1/2	139
J Control panel depth	22 3/16	55
K Front of chassis (proud) to rear flange	23 5/16	592
L Depth of rear flange	1	25
M Width of side flanges	1 9/16	39
N Front of chassis to gas outlet	20 1/16	509
O Height of open hood to top of counter-top	23 3/4	618

Minimum Clearances	inch	mm
P Clearance to combustible construction	18	457
Q 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

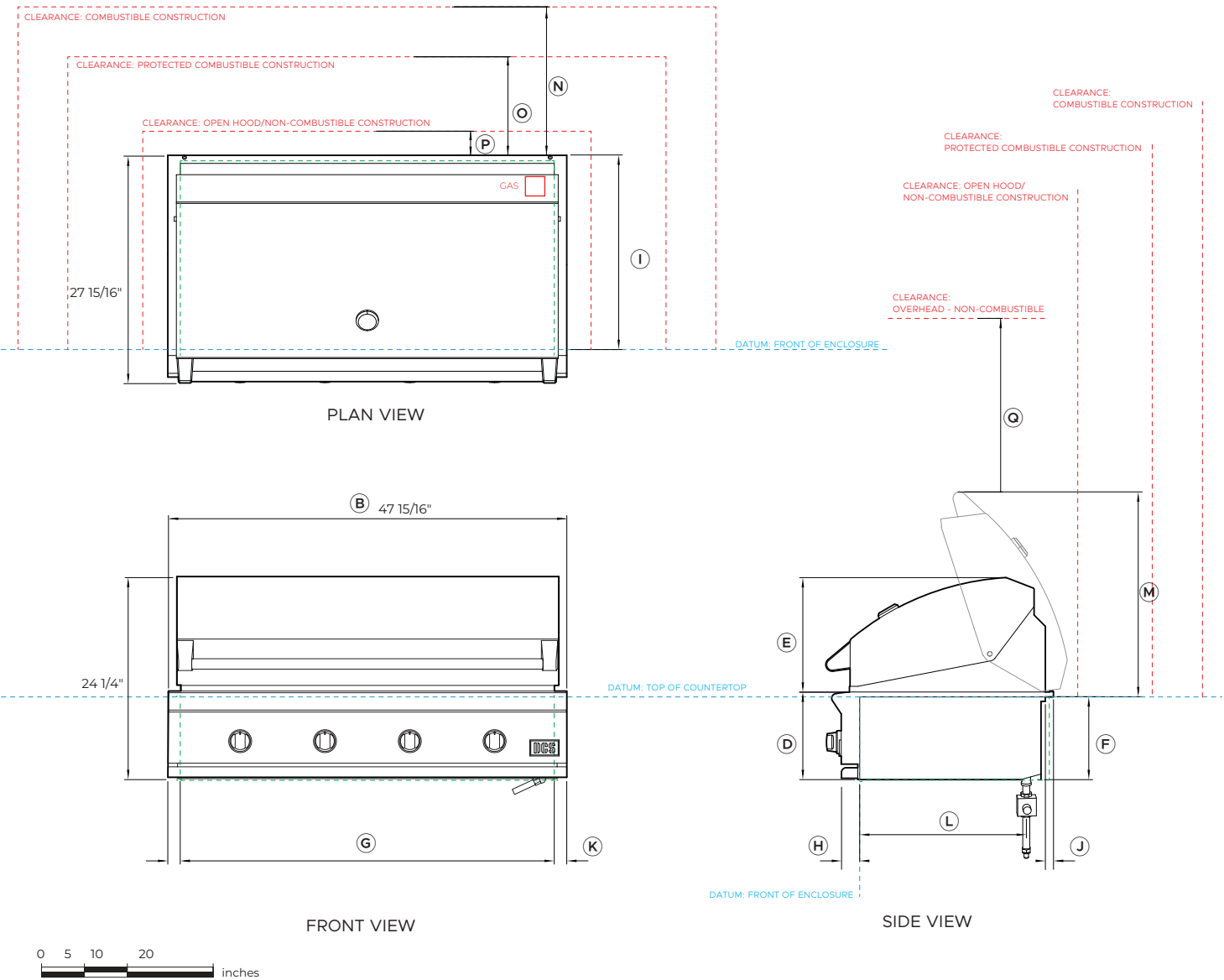
Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

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.

48" Insulated jacket model number: BGA48-IJS

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

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](https://www.dcsappliances.com)



Model no:
48" Grills - BH1-48

Product Dimensions	inch	mm
A Overall height	24 1/4	616
B Overall width	47 15/16	1217
C Overall depth	27 5/16	694
D Height of chassis including flange	10 1/2	267
E Height of chassis from top of hood to flange	13 3/4	349
F Height of chassis below flange	9 15/16	253
G Width of chassis inside enclosure	44 7/8	1140
H Control panel depth	22 3/16	55
I Front of chassis (proud) to rear flange	23 5/16	592
J Depth of rear flange	1	25
K Width of side flanges	1 9/16	39
L Front of chassis to gas outlet	20 1/16	509
M Height of open hood to top of counter-top	23 3/4	618

Minimum Clearances	inch	mm
N Clearance to combustible construction	18	457
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P Clearance to non-combustible construction	3	76
Q Minimum clearance top of open hood to non-combustible surface	24	610

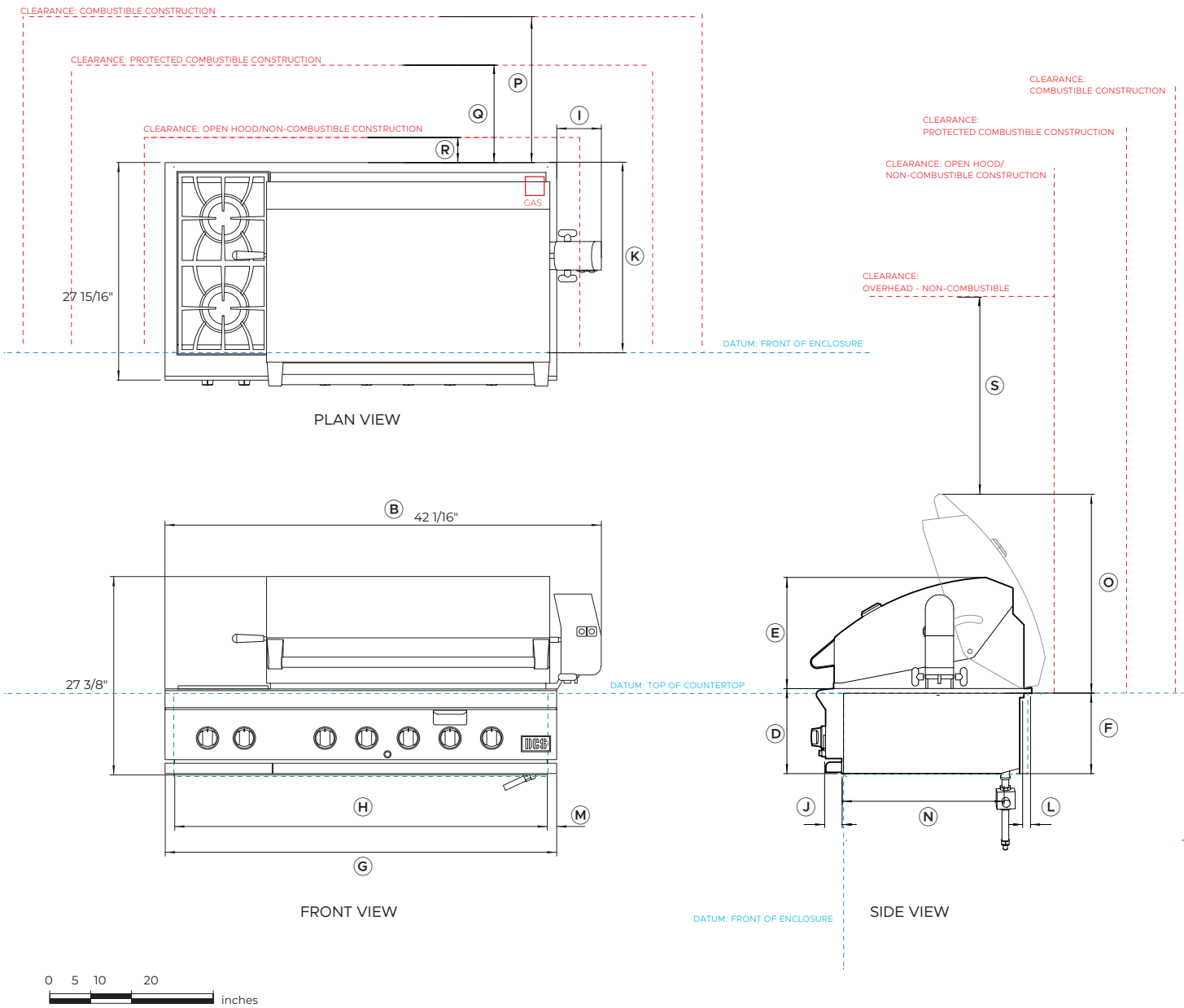
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48" Insulated jacket model number: BGA48-IJS

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Model no:

48" Grills with rotisserie and side burner - BH1-48RS

Product Dimensions	inch	mm
A Overall height	24 1/4	616
B Overall width including rotisserie motor	59 1/16	1436
C Overall depth	27 5/16	694
D Height of chassis including flange	10 1/2	267
E Height of chassis from top of hood to flange	13 3/4	349
F Height of chassis below flange	9 15/16	253
G Width of control panel	47 15/16	1217
H Width of chassis inside enclosure	44 7/8	1140
I Rotisserie motor depth	5 1/2	139
J Control panel depth	22 3/16	55
K Front of chassis (proud) to rear flange	23 5/16	592
L Depth of rear flange	1	25
M Width of side flanges	1 9/16	39
N Front of chassis to gas outlet	20 1/16	509
O Height of open hood to top of counter-top	23 3/4	618

Minimum Clearances	inch	mm
P Clearance to combustible construction	18	457
Q 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

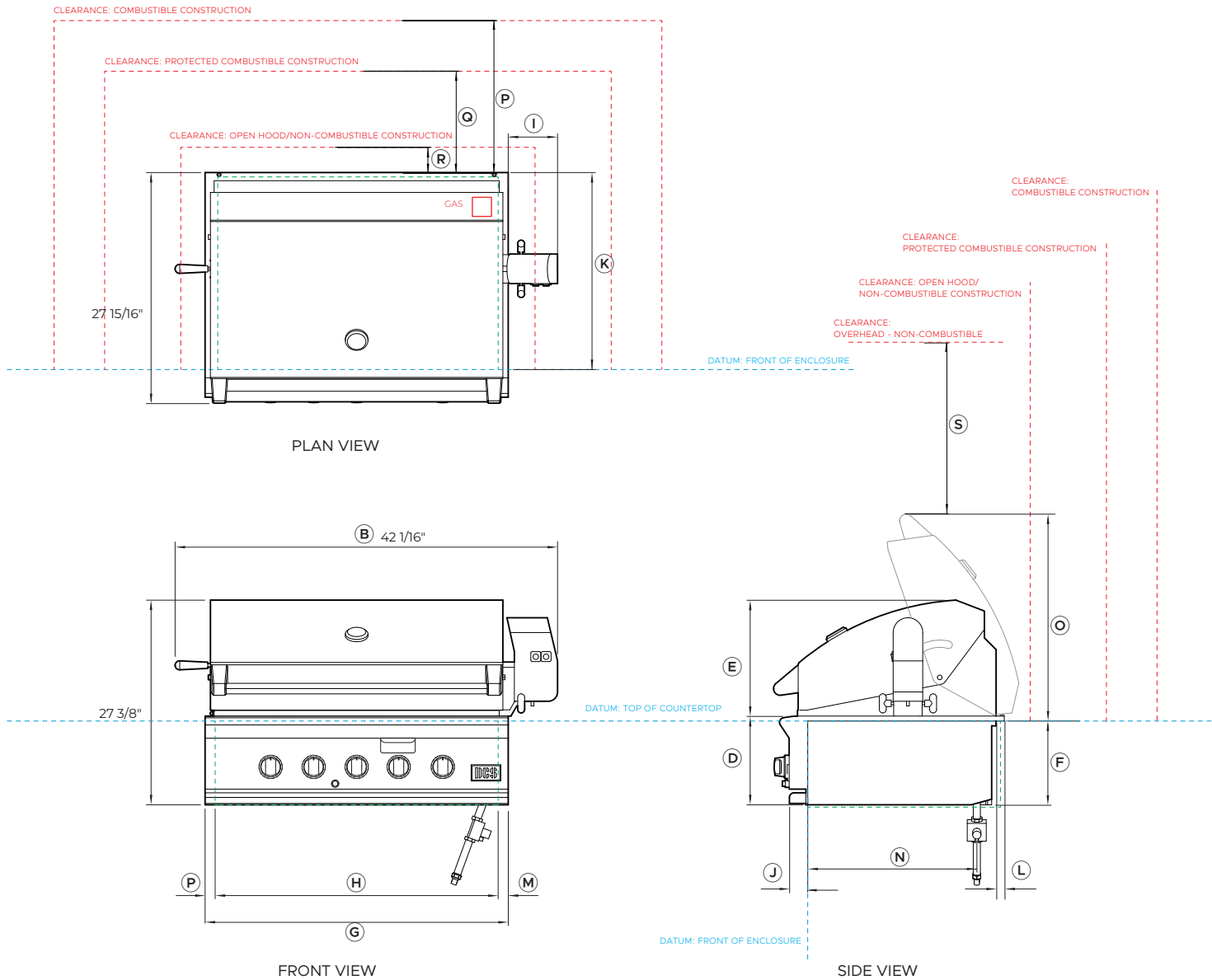
Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

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.

48" Insulated jacket model number: BGA48-IJS

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

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](https://www.dcsappliances.com)



Model no:

36" Grills with rotisserie - BH1-36RI, BH1-36R

Product Dimensions	inch	mm
A Overall height (excluding lid)	24 1/4	616
B Overall width including rotisserie motor	45 5/16	1151
C Overall depth	27 5/16	694
D Height of chassis including flange	10 1/2	267
E Height of chassis from top of hood to flange	13 3/4	349
F Height of chassis below flange	9 15/16	253
G Width of control panel	35 15/16	912
H Width of Chassis inside enclosure	33 11/16	855
I Rotisserie motor depth	5 13/16	148
J Control panel depth	2 3/16	55
K Front of cabinet (proud) to rear flange	23 5/16	592
L Depth of rear flange	1	25
M Width of side flanges	1 3/16	29.5
N Front of chassis to gas outlet	20 1/16	509
O Height of open hood to top of counter-top	24 5/16	618

Minimum Clearances	inch	mm
P Clearance to combustible construction	18	457
Q 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.

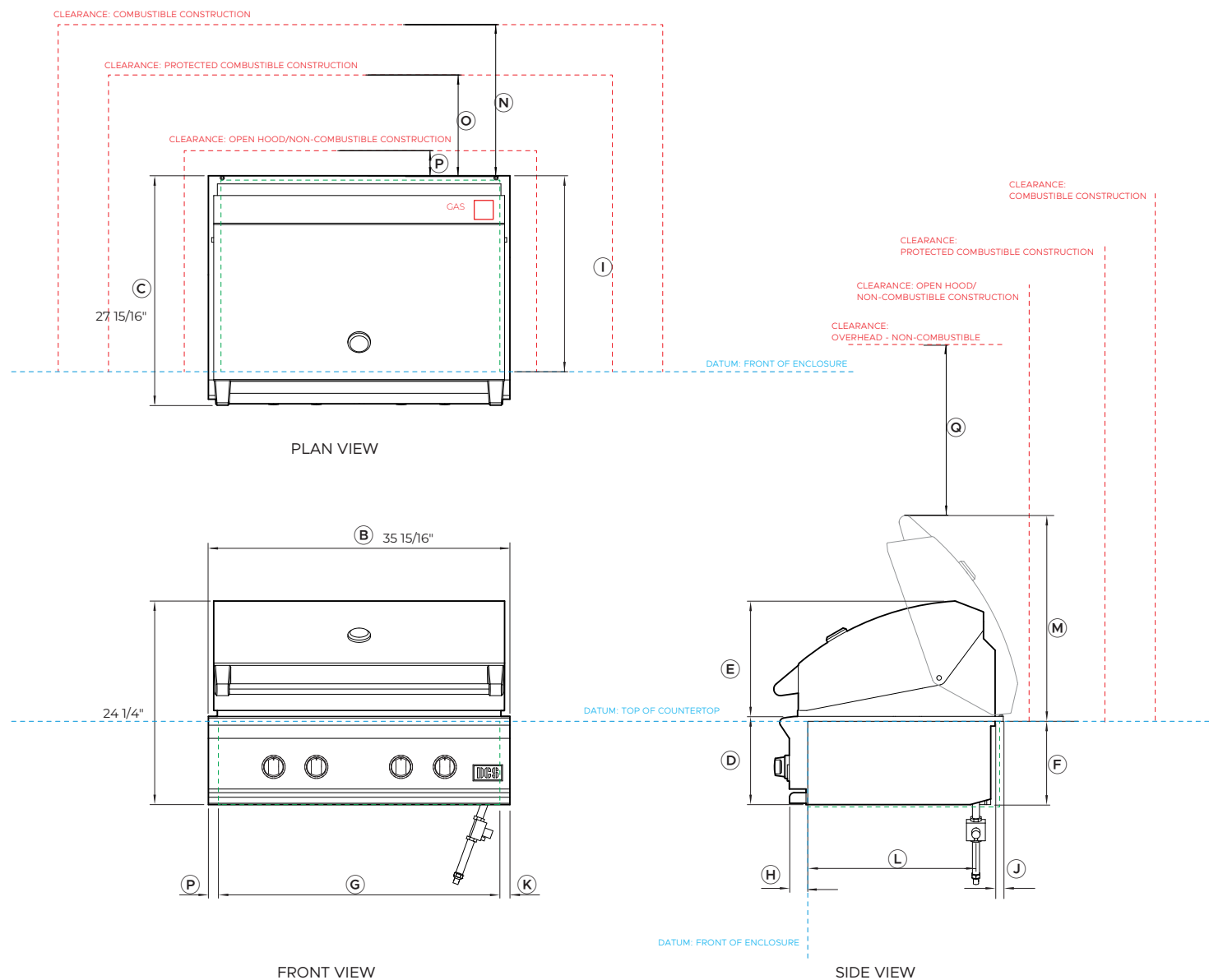
If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

36" Insulated jacket model number: BGA36-IJS

INDICATES CABINETRY / PRODUCT DATUM -----
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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](https://www.dcsappliances.com)





Model no:
36" Grills - BH1-36

Product Dimensions	inch	mm
A Overall height (excluding lid)	24 1/4	616
B Overall width	35 15/16	913
C Overall depth	27 5/16	694
D Height of chassis including flange	10 1/2	267
E Height of chassis from top of hood to flange	13 3/4	349
F Height of chassis below flange	9 15/16	253
G Width of Chassis inside enclosure	33 11/16	855
H Control panel depth	2 3/16	55
I Front of cabinet (proud) to rear flange	23 5/16	592
J Depth of rear flange	1	25
K Width of side flanges	1 3/16	29.5
L Front of chassis to gas outlet	20 1/16	509
M Height of open hood to top of counter-top	24 5/16	618

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

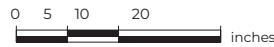
Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

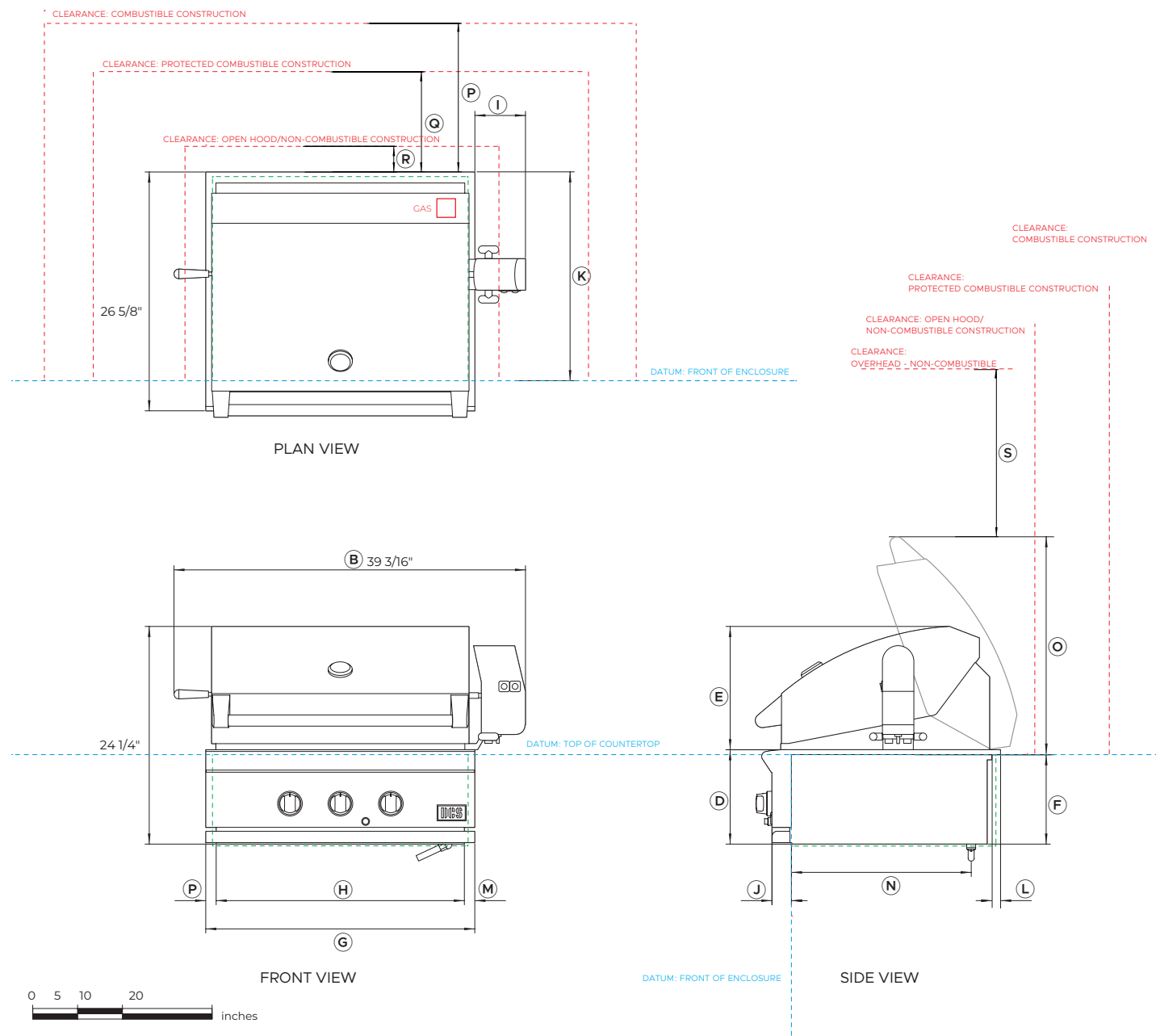
If the grill is to be placed into a combustible enclosure, an approved insulated jacket is necessary. Use only the DCS insulated jacket which has specifically been designed and tested for this purpose.

36" Insulated jacket model number: BGA36-IJS

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

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](https://www.dcsappliances.com)





Model no:
30" Grills with rotisserie - BH1-30R

Product Dimensions	inch	mm
A Overall height (excluding lid)	24 1/4	616
B Overall width including rotisserie motor	39 3/16	996
C Overall depth	26 5/8	676
D Height of chassis including flange	10 1/2	267
E Height of chassis from top of hood to flange	13 3/4	349
F Height of chassis below flange	9 15/16	253
G Width of control panel	30	762
H Width of Chassis inside enclosure	27 11/16	703
I Rotisserie motor depth	5 5/16	144
J Control panel depth	2 3/16	55
K Front of cabinet (proud) to rear flange	23 5/16	592
L Depth of rear flange	1	25
M Width of side flanges	1 3/16	29.5
N Front of chassis to gas outlet	20 1/16	509
O Height of open hood to top of counter-top	24 5/16	618

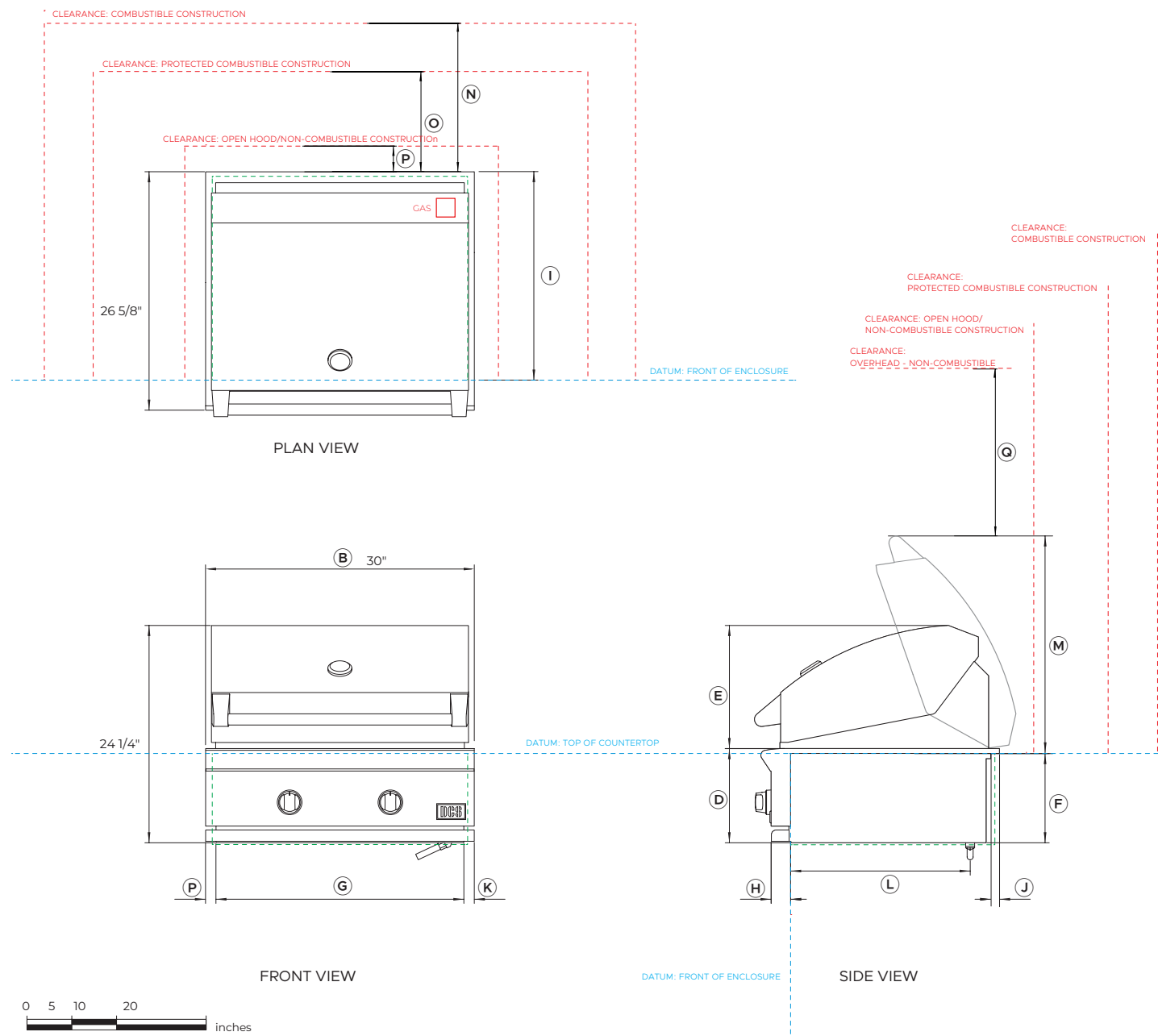
Minimum Clearances	inch	mm
P Clearance to combustible construction	18	457
Q Clearance to protected combustible construction	12	305
R Clearance to non-combustible construction	3	76
S Minimum clearance top of open hood to non-combustible surface	24	610

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

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](https://www.dcsappliances.com)



Model no:
30" Grills - BH1-30

Product Dimensions	inch	mm
A Overall height (excluding lid)	24 1/4	616
B Overall width	30	762
C Overall depth	26 5/8	676
D Height of chassis including flange	10 1/2	267
E Height of chassis from top of hood to flange	13 3/4	349
F Height of chassis below flange	9 15/16	253
G Width of Chassis inside enclosure	27 11/16	703
H Control panel depth	2 3/16	55
I Front of cabinet (proud) to rear flange	23 5/16	592
J Depth of rear flange	1	25
K Width of side flanges	1 3/16	29.5
L Front of chassis to gas outlet	20 1/16	509
M Height of open hood to top of counter-top	24 5/16	618

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

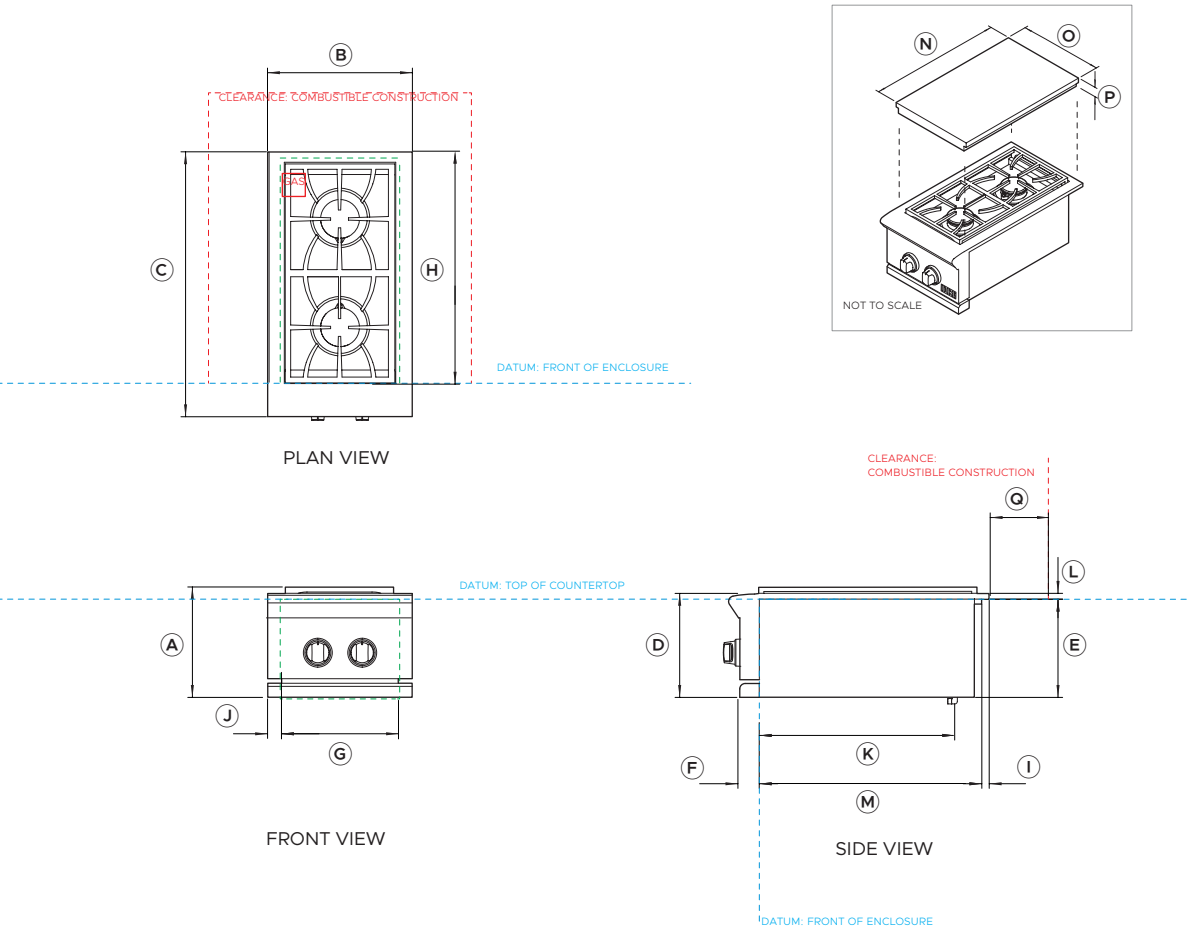
Note: Do not install under unprotected combustible or protected combustible construction without using a fire safe ventilation system As per UL 507 and CSA C22.2 No 60335-2-31.

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.

30" Insulated jacket model number: BGA30-IJS

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

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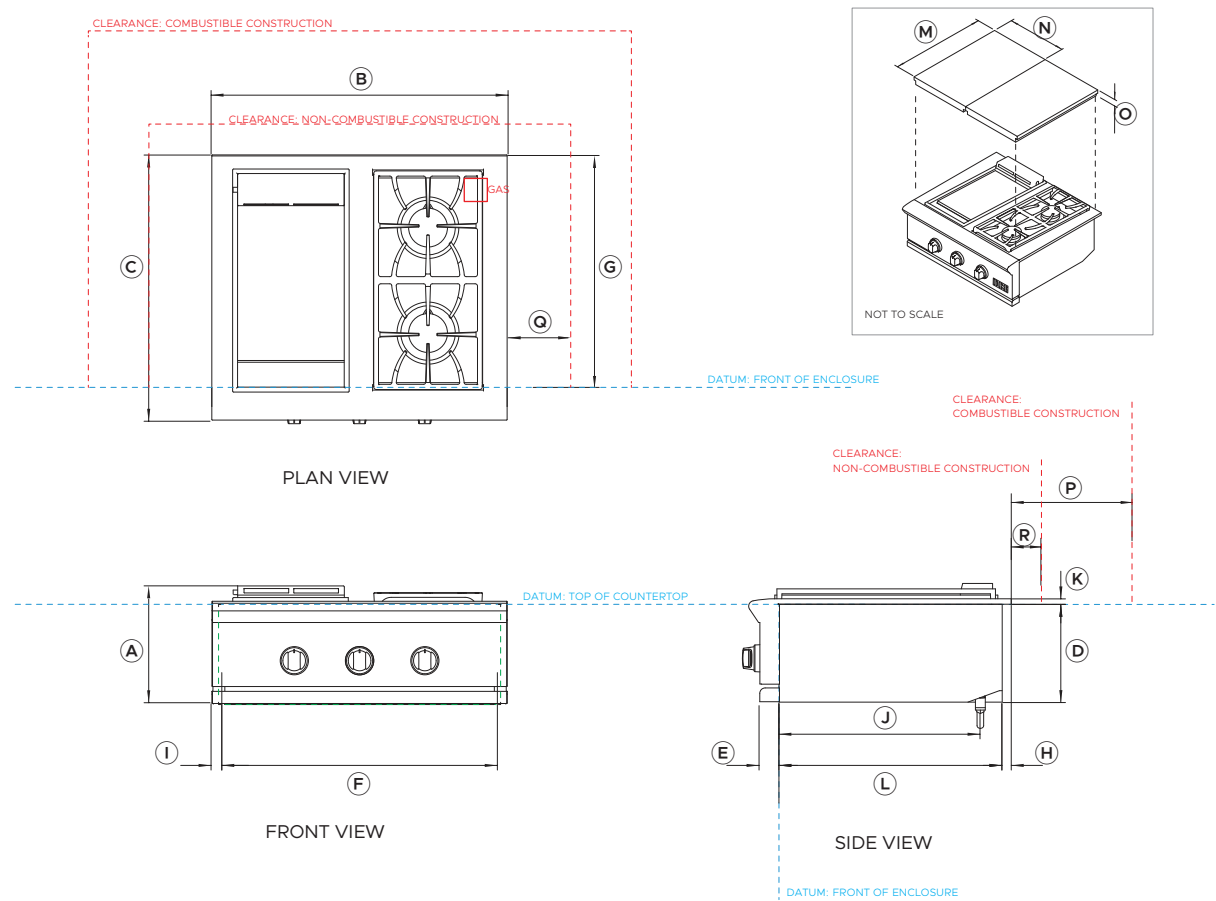
Model no:
Side burners - BGC132-BI

Product Dimensions	inch	mm
A Overall height	11 3/4	285
B Overall width	14 11/16	373
C Overall depth (excluding dials)	26 7/8	683
D Height of chassis including flange	10 5/8	268
E Height of chassis below flange	9 15/16	253
F Control panel depth	2 3/16	55
G Width of Chassis inside enclosure	11 7/8	301
H Front of cabinet (proud) to rear flange	11 1/4	286
I Depth of rear flange	3/4	19
J Width of side flanges	1 7/6	36
K Front of chassis to gas outlet	20 1/16	509
L Height of flange	19/32	15
M Depth of chassis	22 9/16	573
N Depth of lid	23	585
O Width of lid	14 3/8	365
P Height of lid	1 11/16	43

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

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

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



Model no:
Griddle/Side burner - BFGC-30BGD

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

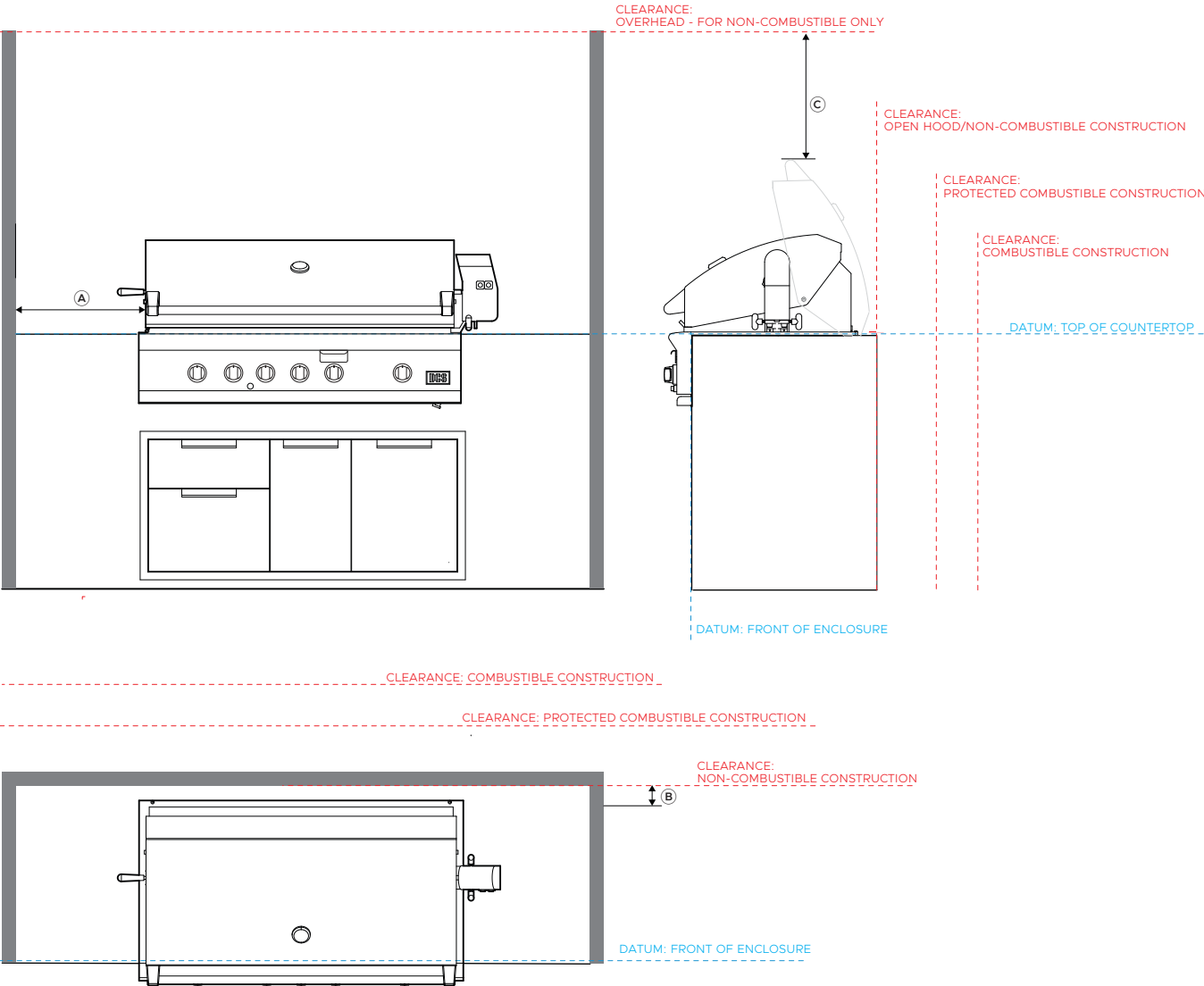
Minimum Clearances	inch	mm
(P) Clearance to combustible construction above counter top at rear and sides	12	305
(Q) Clearance to non-combustible construction above counter top at sides	6	152
(R) Clearance to non-combustible construction above counter top at rear	6	152

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 -----

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](https://www.dcsappliances.com)

PLANNING CONSIDERATIONS



Model no:

All grills - BH1-48RI, BH1-48R, BH1-48RS, BH1-48, BH1-36RI, BH1-36R, BH1-36, BH1-30R, BH1-30

Product Dimensions

Clearance to non-combustible* surfaces	inch	mm
(A) Minimum clearance to sides	6	153
(B) Minimum clearance to back	3	76
(C) Minimum clearance top of open hood to surface	24	610

Clearance to combustible** surfaces	inch	mm
(A) Minimum clearance to sides	18	457
(B) Minimum clearance to back	18	457

Clearance to protected*** combustible surfaces	inch	mm
(A) Minimum clearance to sides	12	305
(B) Minimum clearance to back	12	305

*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.

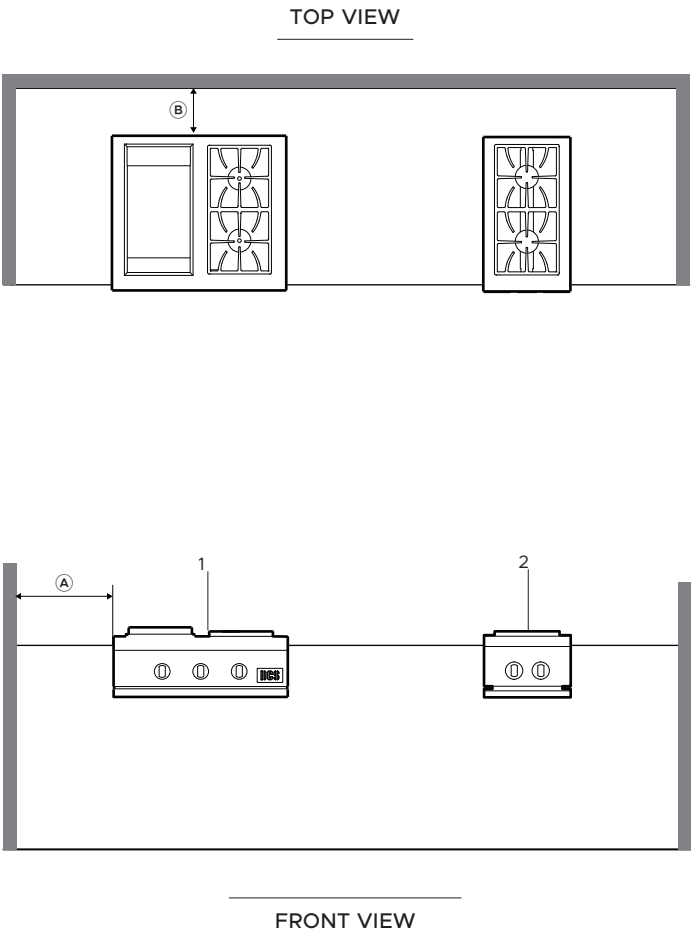
**Combustible materials include any decorative or structural material made of wood, compressed paper, plant fibres, vinyl, plastic or other materials that are capable of transferring heat or being ignited or burned. Such materials are considered combustible even if flame proofed, fire retardant treated, 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.

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.

INDICATES CABINETRY / PRODUCT DATUM
INDICATES CABINETRY CLEARANCES

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](https://www.dcsappliances.com)



Product Dimensions

Model no:

1 30" Griddle/Side burner GDSBH1-30

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

Ⓐ Minimum clearance to sides	12	305
Ⓑ Minimum clearance to back	12	305

Model no:

2 14" Specialty Cooking BGC132-BI

Clearance to combustible** surfaces above counter top	inch	mm
Ⓐ 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.

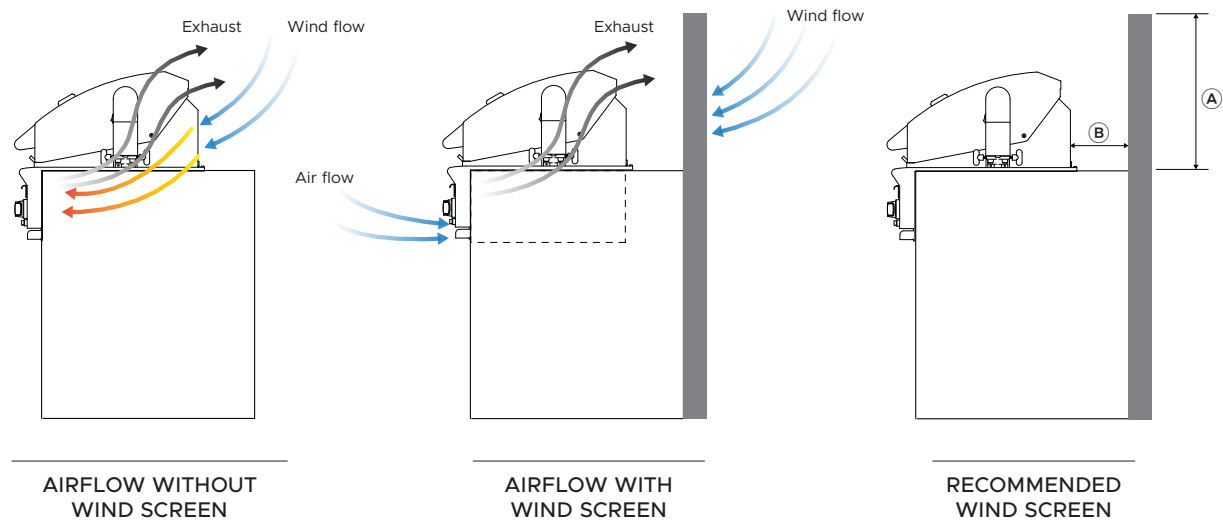
**Combustible materials include any decorative or structural material made of wood, compressed paper, plant fibres, vinyl, plastic or other materials that are capable of transferring heat or being ignited or burned. Such materials are considered combustible even if flame proofed, fire retardant treated, 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.

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

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](https://www.dcsappliances.com)

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.



Wind protection Dimensions

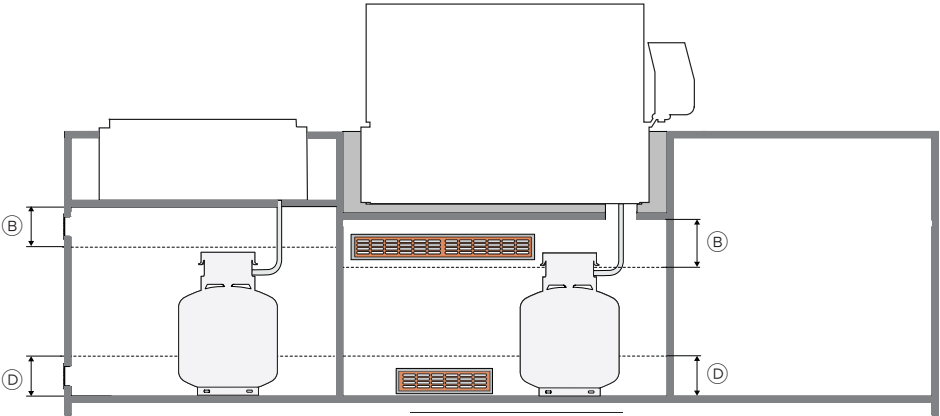
	inch	mm
Ⓐ Minimum windscreen height	18 3/4	476
Clearance to combustible surfaces		
Ⓑ Minimum clearance to back	18	457
Clearance to non-combustible surfaces		
Ⓑ Minimum clearance to back	3	76

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 hot. If wind is an issue, a windscreen should be added.

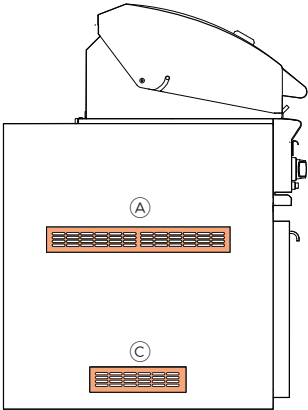
INDICATES CABINETRY / PRODUCT DATUM -----
INDICATES CABINETRY CLEARANCES -----

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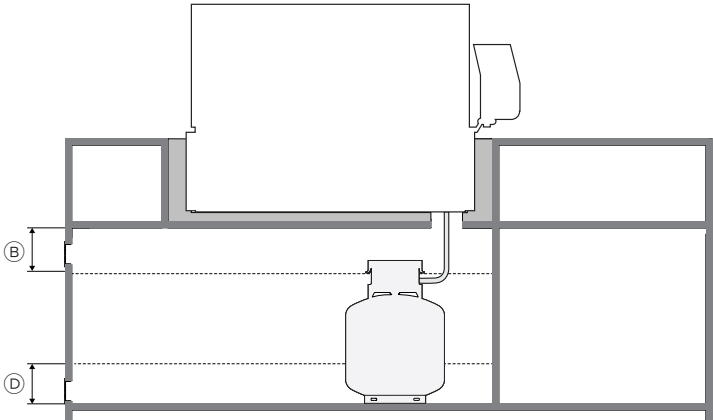
SPECIFICATIONS | VENTILATION REQUIREMENTS FOR LP CYLINDER ENCLOSURES



SECTION VIEW
MULTIPLE TANKS



SIDE VIEW



SECTION SINGLE
TANK

LP cylinder storage *ventilation requirements:

Ventilation Dimensions

(A) Upper ventilation min free area** (1"² per lb)	20"²(20lb cylinder)	129cm²
B Upper ventilation openings must be installed within 5" (127mm) of the top of the enclosure and unobstructed.	5"	127mm
(C) Lower ventilation min free area** (1/2"²per lb)	10"² (20lb cylinder)	64.5cm²
D Lower 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 1" (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.

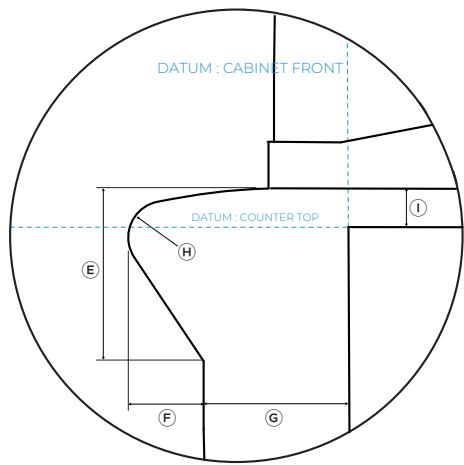
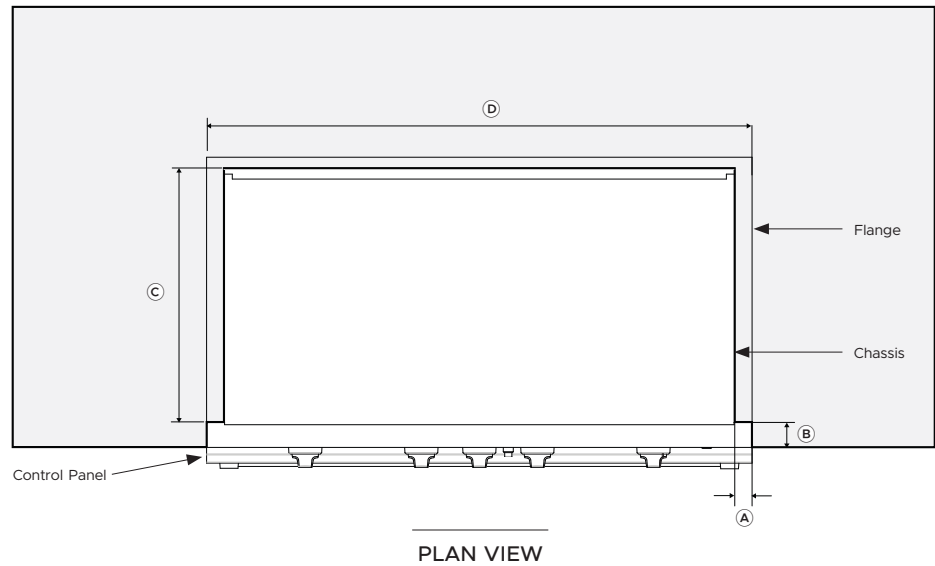
Every opening shall have a minimum dimension so as to permit the entrance of a 3/16" (4.8mm) rod.

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

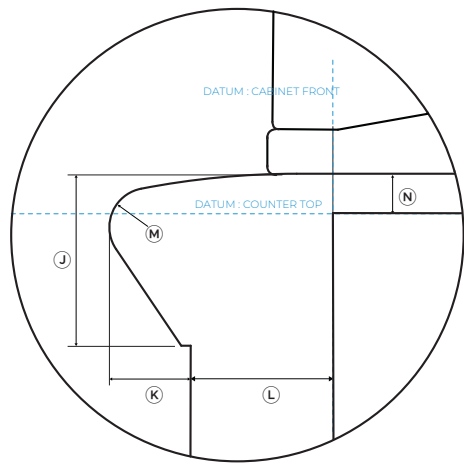
IMPORTANT NOTE: Throughout this guide, dimensions may vary by ±2mm (1/16"). Please read the Installation Guide for detailed information on installing the product. For full installation instructions visit dcsappliances.com

SPECIFICATIONS | BULL-NOSE EDGING GRILL DETAILS

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



DETAIL VIEW - GRILL BULL-NOSE



DETAIL VIEW - SPECIALTY COOKING BULL-NOSE

Bull-nose Dimensions - Grill

Non-combustible counter-top notch dimensions	inch	mm
A Counter-top control panel notch		
BH1-48RI, BH1-48R, BH1-48RS, BH1-48, BH1-36RI, BH1-36R, BH1-36, BH1-30R, BH1-30	1 1/2	38.6
B Counter-top overhang dimensions vary according to counter-top design		
C See Cabinet Specifications pages for your product dimensions		
D See Cabinet Specifications pages for your product dimensions		

Grill bull-nose and control panel dimensions

E Bull-nose height	2 5/8	67
F Bull-nose to control panel	1 1/8	29
G Control panel to cabinet front	2 3/16	55.6
H Bull-nose diameter	1 3/32	28
I Flange height	9/16	14

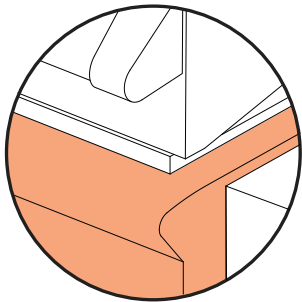
Bull-nose Dimensions - Specialty Cooking

Specialty cooking bull-nose and control panel dimensions	inch	mm
J Bull-nose height	2 13/32	61
K Bull-nose to control panel	1 7/16	29
L Control panel to cabinet front	2	50.5
M Bull-nose diameter	1 3/32	28
N Flange height	9/16	14

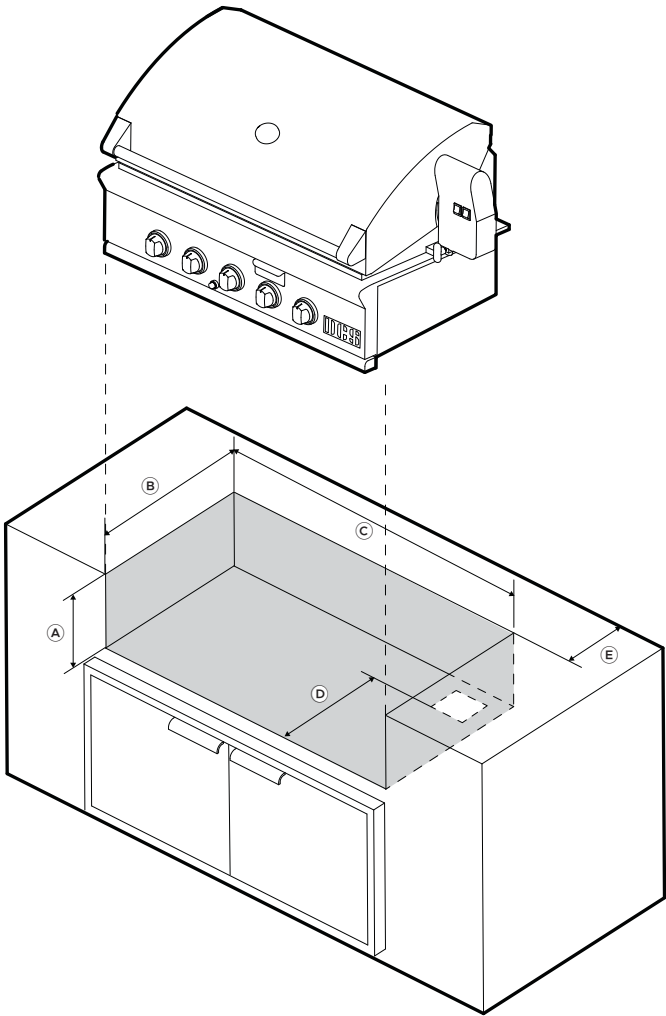
INDICATES CABINETRY / PRODUCT DATUM -----
INDICATES CABINETRY CLEARANCES -----

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GRILL CABINET SPECIFICATIONS



NON-COMBUSTIBLE CABINET



ISO VIEW

Model no:

48" Grills - BH1-48RI, BH1-48R, BH1-48RS, BH1-48

Product Dimensions

Non-combustible cabinetry	inch	mm
(A) Cavity height	10 1/8	257
(B) Cavity depth	22 3/4	578
(C) Cavity width	45 3/4	1162
(D) Depth to gas supply opening	18 1/2	470
(E) Minimum hood swing clearance	min 3 3/4	min 95

Model no: 36" Grills - BH1-36RI, BH1-36R, BH1-36

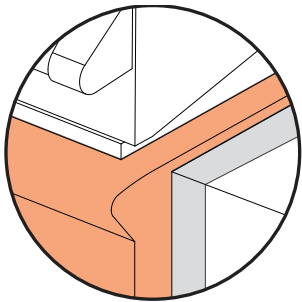
Non-combustible cabinetry	inch	mm
(A) Cavity height	10 1/8	257
(B) Cavity depth	22 3/4	578
(C) Cavity width	34 1/2	876
(D) Depth to gas supply opening	18 1/2	470
(E) Minimum hood swing clearance	min 3 3/4	min 95

Model no: 30" Grill BH1-30R, BH1-30

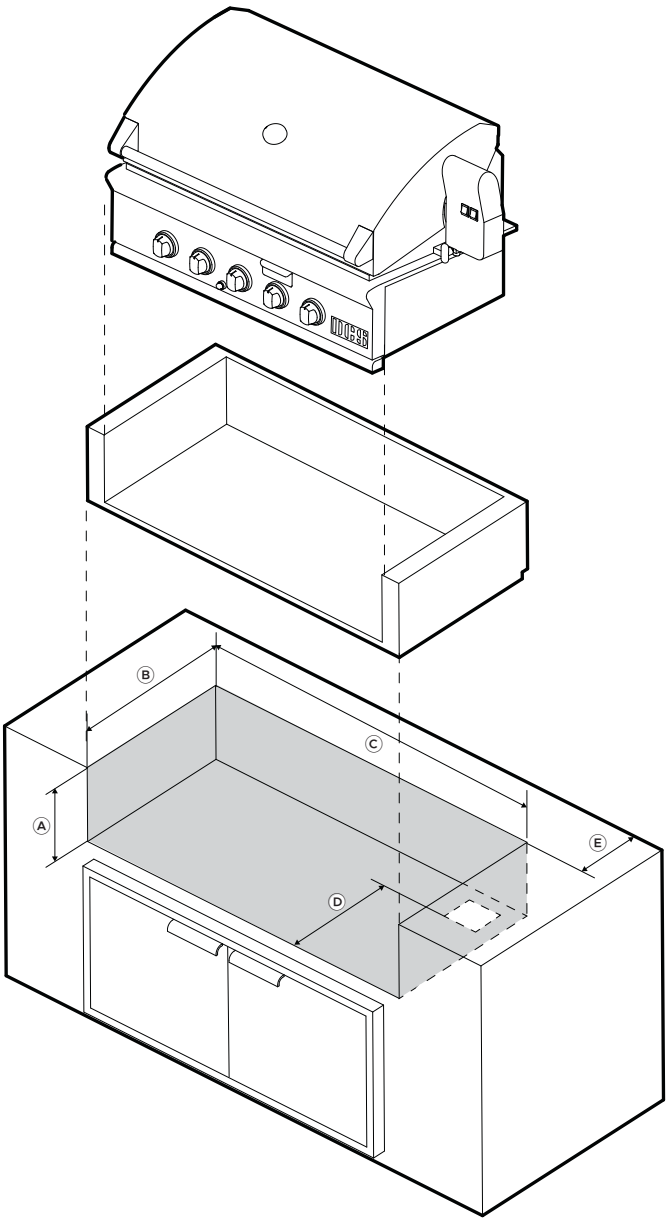
Non-combustible cabinetry	inch	mm
(A) Cavity height	10 1/8	257
(B) Cavity depth	22 3/4	578
(C) Cavity width	28 1/2	724
(D) Depth to gas supply opening	18 1/2	470
(E) Minimum hood swing clearance	min 3 3/4	min 95

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

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



COMBUSTIBLE CABINET WITH INSULATION JACKET



ISO VIEW

Model no: 48" Grills - BH1-48RI, BH1-48R, BH1-48RS, BH1-48

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

Model no: 36" Grills - BH1-36RI, BH1-36R, BH1-36

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

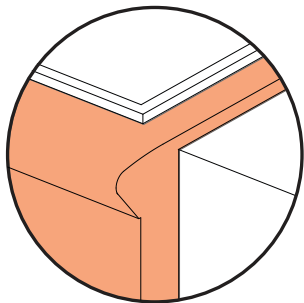
Model no: 30" Grills - BH1-30R, BH1-30

Combustible cabinetry with insulation jacket	inch	mm
(A) Cavity height	11 1/8	283
(B) Cavity depth	23 3/4	603
(C) Cavity width	34 7/8	886
(D) Depth to gas supply opening	18 1/2	470
(E) Minimum hood swing clearance	min 2 27/32	min 72

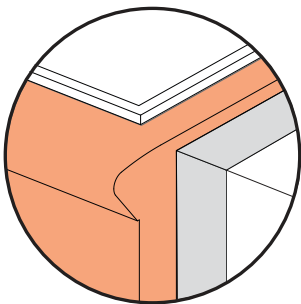
INDICATES CABINETRY / PRODUCT DATUM -----
INDICATES CABINETRY CLEARANCES -----

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

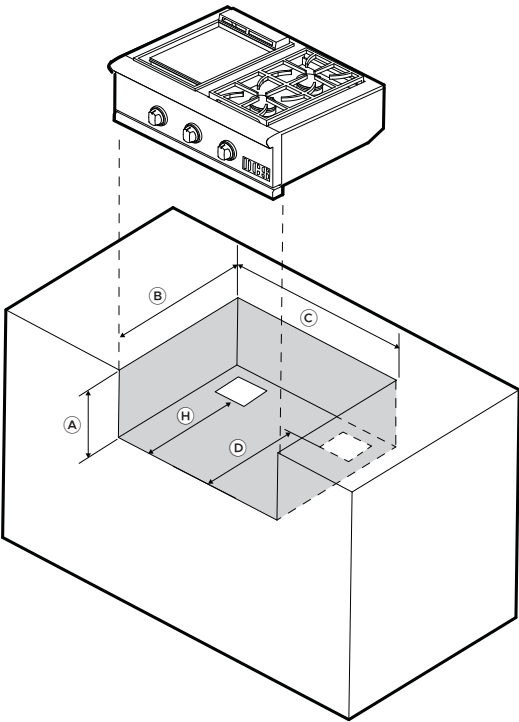
SPECIALTY COOKING CABINET SPECIFICATIONS



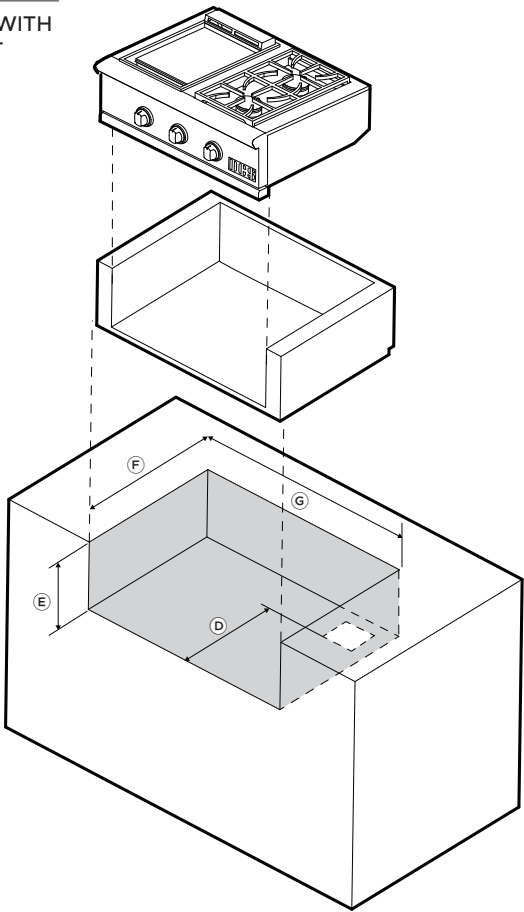
NON-COMBUSTIBLE CABINET



COMBUSTIBLE CABINET WITH INSULATION JACKET



ISO VIEW



ISO VIEW

Model no:
30" Specialty Cooking - BFGC-30BGD

Product Dimensions		
Non-combustible cabinetry		
(A) Cavity height	inch	mm
(B) Cavity depth	10 1/8	257
(C) Cavity width	22 3/4	578
(D) Depth to gas supply opening (right)	28 1/2	724

Combustible cabinet with insulation jacket		
(E) Cavity height	inch	mm
(F) Cavity depth	11 1/8	283
(G) Cavity width	23 3/4	603
(H) Cavity width	34 7/8	886

Combustible cabinet with insulation jacket		
(E) Cavity height	inch	mm
(F) Cavity depth	11 1/8	283
(G) Cavity width	23 3/4	603
(H) Cavity width	28 7/8	734

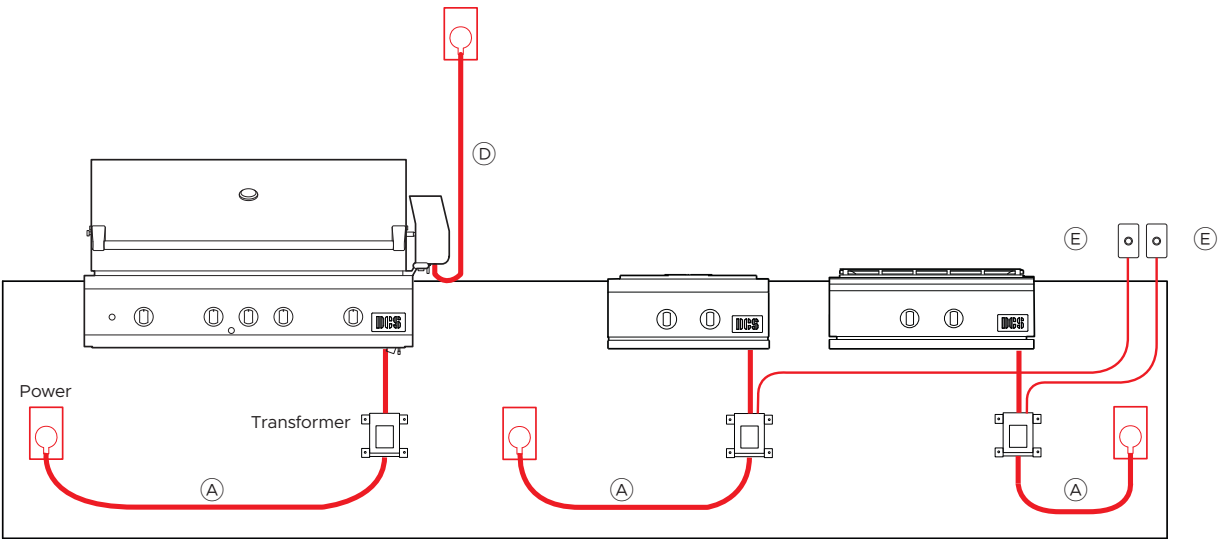
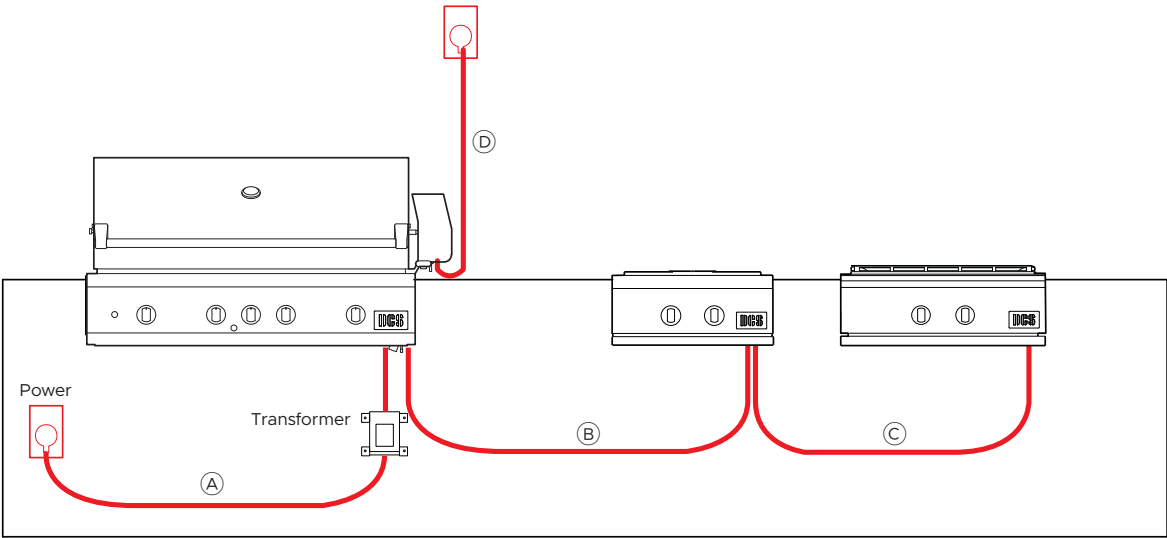
Model no:
14" Specialty Cooking - BGC132-BI

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

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

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

SERVICES



Maximum Distance of Cords

Model Numbers:

Grills - BH1-48RS, BH1-48RI, BH1-48R, BH1-48, BH1-36RI, BH1-36R, BH1-36, BH1-30R, BH1-30
Specialty cooking - BFGC-30BGD, BGC132-BI
Interconnectivity connector cables - BGA-4PC, BGA-6PC
External lighting power button - BGA-LB DCS

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

Specifications

Electrical

Supply	120V 60Hz
Service	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.

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