

30" Downdraft

800 Series Downdraft – HDD80052UC



HDD80052UC
Stainless Steel

Sleek, built-in, and retracts out of sight. Bosch 30" Downdraft's flexible design seamlessly integrates into your kitchen

Features & Benefits

Beautifully designed to preserve clean sight lines when not in use

Sleek front panel filter design acts as a guard against splatters

6 exhaust connections possible (transition sold separately)

Recirculation kit for sale for use in non ducted applications*

General Properties

Operating mode	Convertible: ducted / recirculating
Maximum CFM	Blower sold separately
Number of speed settings	3-stage
Motor location	External
Damper included	No
Grease filter material	Aluminum
Grease filter type	Multilayer cassette
Duct direction	Front, Left, Right, Rear, Down
Optional blower required	Yes (600 CFM options sold separately)

Technical Details

Volts	120 V
Frequency	60 Hz
Plug type	120V-3 prong
Power cord length	30"

Dimensions & Weight

Overall appliance dimensions (width of canopy included) (HxWxD)	44 3/8" x 31" x 2 3/4"
Height of the rise	15"
Diameter of air duct-internal	8"
Diameter of air duct-external	6" or 8"
Net weight	37 lbs

Accessories – Required

Blower (sold separately)

Accessories – Transitions & Blowers

6" side / rear / downward transition	HDDSTRAN6
8" side / rear / downward transition	HDDSTRAN8

NOTE: HDDSTRAN6 or HDDSTRAN8 required for side, rear or downward exhaust applications with inline and remote blowers.

6" round front plate	HDDFTRAN6
8" round front plate	HDDFTRAN8

NOTE: HDDFTRAN6 or HDDFTRAN8 required for front exhaust applications with inline and remote blowers.

Transition for rectangular duct	HDDSTRAN2
2' rectangular duct	HDD2RECTD

NOTE: HDDSTRAN2 needed to attach HDD2RECTD to downdraft. For use with installation of inline or remote blower applications.

600 CFM flexible blower	DHG602DUC
600 CFM inline blower	DHI1FZUC
600 CFM remote blower	DHR1FZUC

Accessories – Optional

Recirculation kit (compatible with electric and induction cooktops only)	HDDREC5UC
Charcoal filter replacement for recirculation kit	HDDFILTUC
30" gas cooktop seal kit for downdraft (required for installation with gas cooktops)	HDDORSP
Trim kit for 30" FlameSelect® gas cooktops	HDDTRIM30S



*Recirculation kit is not compatible with gas cooktop installations with downdraft

Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST, Sat 6 am to 3 pm PST).

Notes: All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change product materials and specifications, at any time, without notice. Consult the product's installation instructions for final dimensional data and other details prior to making cutout.

Warranties: Please see Use & Care manual or Bosch website for statement of limited warranty.

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30" Downdraft

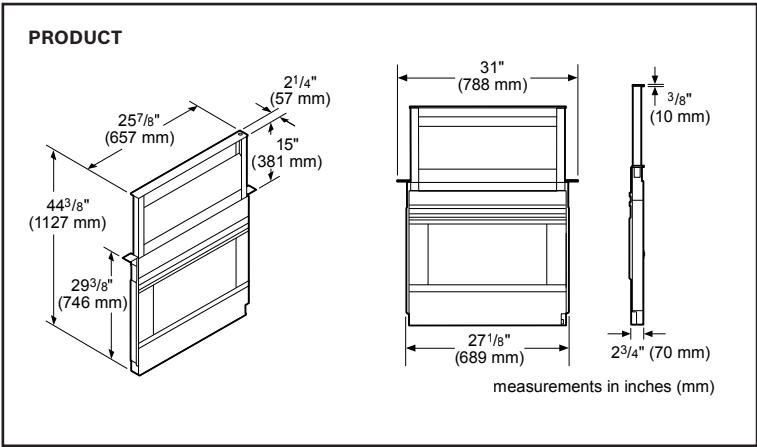


800 Series Downdraft – HDD80052UC

HVI Performance Values (CFM & Sones)

Downdraft HDD80052UC with Blower DHG602DUC										
Exhaust	Duct Size	Required Accessories	Pressure (in. H ₂ O)		Power (W)		CFM		Sones	
			High Speed	Working Speed	High Speed	Working Speed	High Speed	Working Speed	High Speed	Working Speed
Front	8" Round	None	0.1	0.018	285	68.5	380	160	12.0	2.0
Left	8" Round	Optional Adapter Model: HDDSTRAN8	0.1	0.016	279	67.0	360	150	11.0	2.5
Right	8" Round		0.1	0.017	288	65.7	350	140	11.0	1.4
Rear	8" Round		0.1	0.018	279	66.9	360	150	10.0	1.5
Bottom	8" Round		0.1	0.018	286	66.0	370	150	11.0	1.5
Front	8" Round	None	0.25	—	—	—	360	—	—	—
Left	8" Round	Optional Adapter Model: HDDSTRAN8	0.25	—	—	—	340	—	—	—
Right	8" Round		0.25	—	—	—	330	—	—	—
Rear	8" Round		0.25	—	—	—	340	—	—	—
Bottom	8" Round		0.25	—	—	—	350	—	—	—

Installation Details



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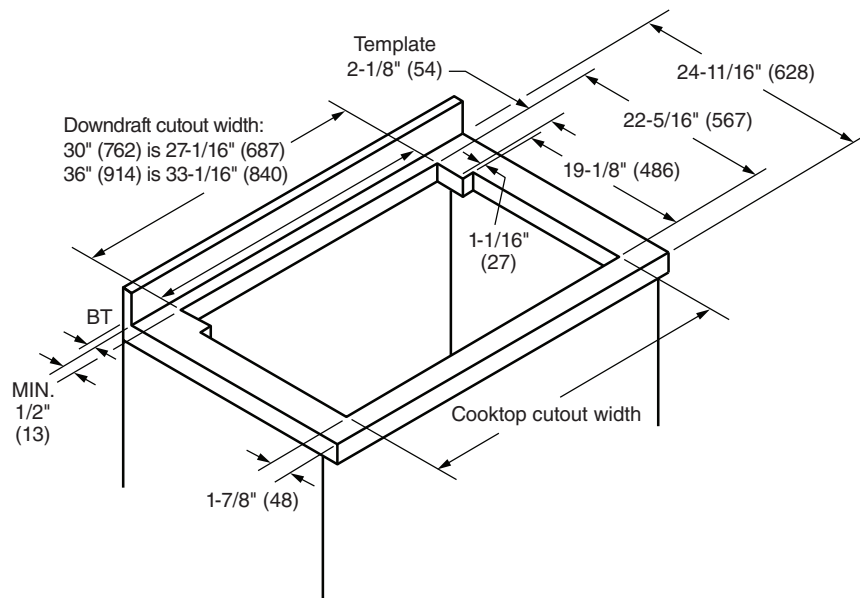
30" Downdraft



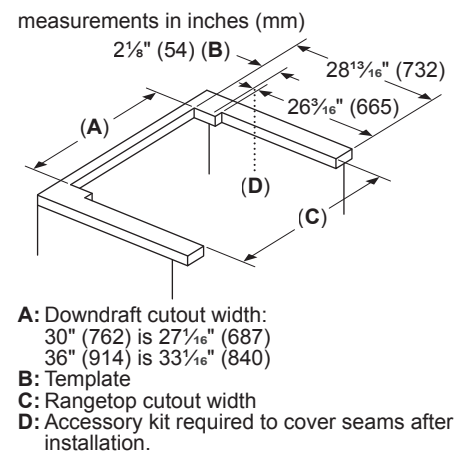
800 Series Downdraft – HDD80052UC

Installation Details – Cutouts

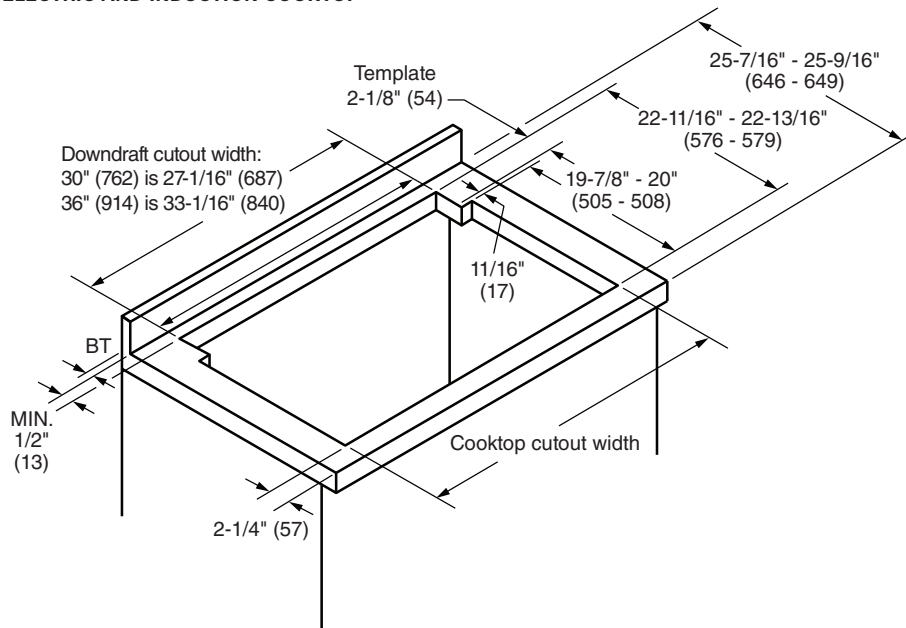
GAS COOKTOP



GAS RANGETOP



ELECTRIC AND INDUCTION COOKTOP



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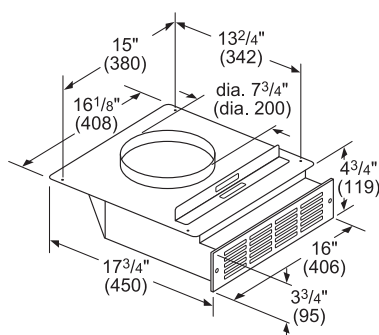
Accessories – Optional



HDDREC5UC
Recirculation Kit
for Downdraft

When ducting to the exterior is not feasible, downdraft recirculation kit allows filtered air to reenter the kitchen while cooking

- ▶ When ducting is not feasible, kit eliminates need to exhaust outside
- ▶ Air is filtered through charcoal filter, then re-enters kitchen
- ▶ Includes recirculation module, filter and metal grille vent plate
- ▶ Designed to work with both 30" and 36" Bosch downdrafts, HDD series
- ▶ Use with induction / electric cooktops only



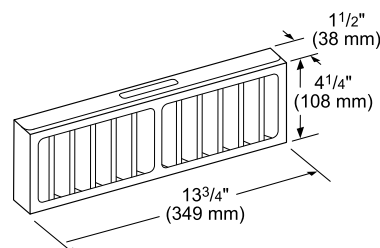
Measurements in inches and (mm)



HDDFILTUC
Charcoal Filter
Replacement for
Recirculation Kit
for Downdraft

Maintain performance of Bosch downdraft recirculation kit with timely replacement of charcoal filter to capture and filter odors

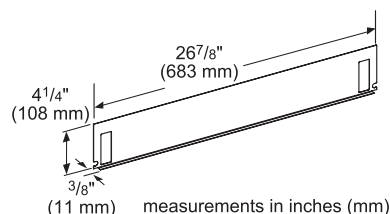
- ▶ Replacement charcoal filter for HDDREC5UC recirculation kit
- ▶ Quality charcoal filter effectively captures and filters odors
- ▶ Replace charcoal filter every 6 months depending on usage



HDD0RSP
30" Gas Cooktop
Seal Kit for Downdraft

30" gas cooktop seal kit required for installation with 30" gas cooktops

- ▶ Includes trim, seal, metal grill, and fasteners
- ▶ Required for installation with gas cooktops



HDDTRIM30S
Trim Kit for 30"
FlameSelect® Gas
Cooktops

30" trim kit for installation with 30" FlameSelect® gas cooktops

- ▶ Includes trim kit and installation tool
- ▶ Required for installation with 30" FlameSelect® gas cooktops

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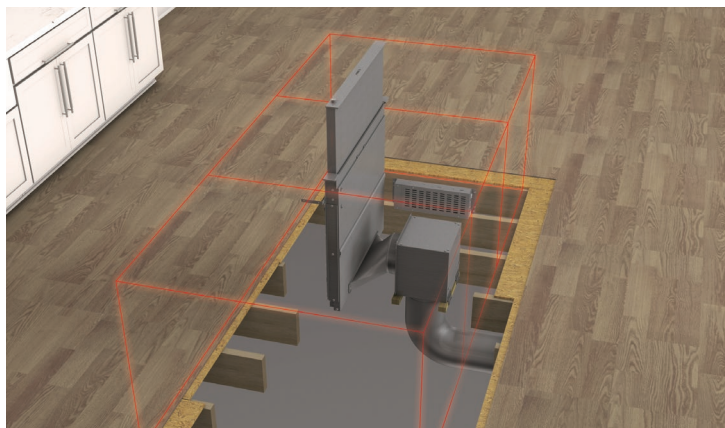
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30" Downdraft

800 Series Downdraft – HDD80052UC



Flexible Blower Installation – Rear Exhaust Example



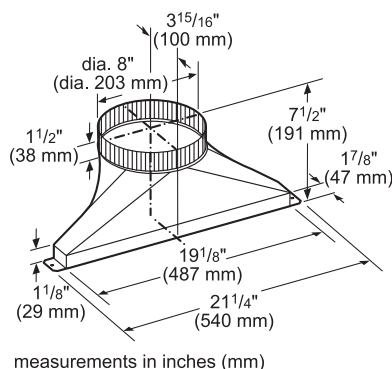
Required Accessories

HDDSTRAN8

8" Side / Rear / Downward
Transition for Downdraft

8" Round transition enable
ducting to be at sides, rear or
below downdraft for flexible
configurations to maximize your
kitchen design

NOTE: HDDSTRAN8 side / rear /
downward transition required for side,
rear or downward exhaust applications
with inline and remote blowers.



Application

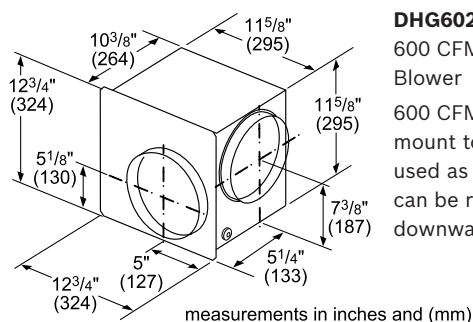
- Rear exhaust option is possible if ducting is more convenient with this configuration
- Requires at least 18" of clearance to fit the blower and transition
- Blower must be accessible for maintenance
- Can be used with optional Recirculation Kit, sold separately
- Elbow, ductwork, blower support structure frame not included

Required Blower

DHG602DUC

600 CFM Flexible Integral
Blower

600 CFM flexible blower can
mount to downdraft or be
used as an inline blower, and
can be rotated to exhaust
downward or to sides

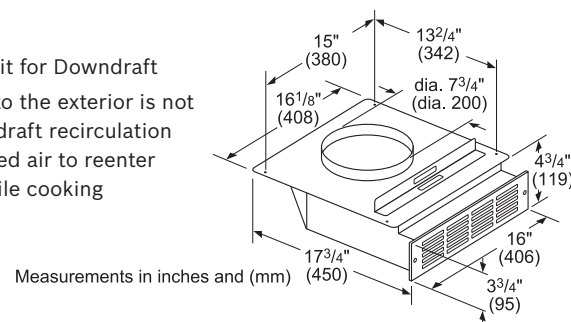


Optional Accessories

HDDREC5UC

Recirculation Kit for Downdraft

When ducting to the exterior is not
feasible, downdraft recirculation
kit allows filtered air to reenter
the kitchen while cooking



HDDFILTUC

Charcoal Filter Replacement for Recirculation
Kit for Downdraft

Maintain performance of Bosch downdraft
recirculation kit with timely replacement
of charcoal filter to capture and filter odors



HDDORSP

30" Gas Cooktop Seal Kit for Downdraft

30" gas cooktop seal kit required for installation
with 30" gas cooktops



NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST, Sat 6 am to 3 pm PST).

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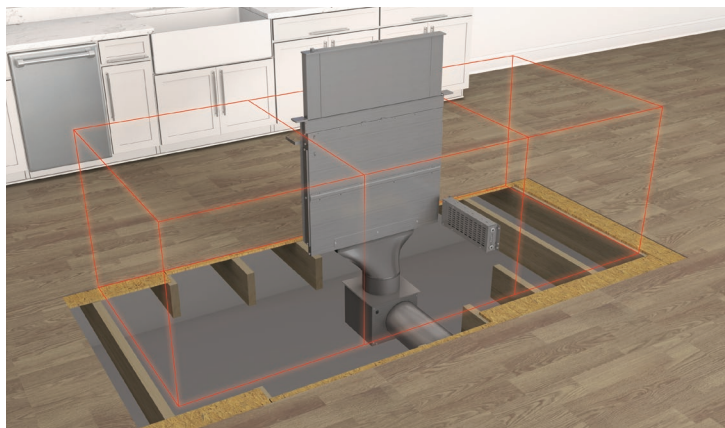
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30" Downdraft

800 Series Downdraft – HDD80052UC



Flexible Blower Installation – Downward Exhaust Example



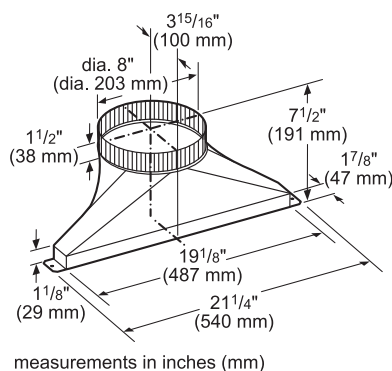
Required Accessories

HDDSTRAN8

8" Side / Rear / Downward Transition for Downdraft

8" Round transition enable ducting to be at sides, rear or below downdraft for flexible configurations to maximize your kitchen design

NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



Application

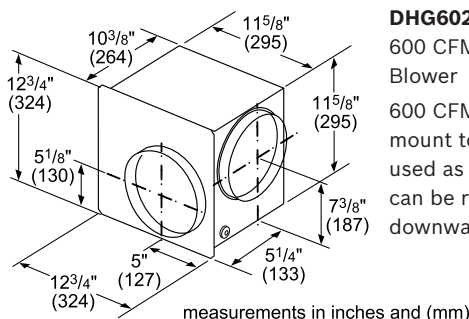
- Downward exhaust option if ducting is more convenient with this configuration
- Requires at least 18" of clearance to fit the blower and transition
- Can be used with optional Recirculation Kit, sold separately
- Elbow, ductwork, blower support structure frame not included
- Blower must be accessible for maintenance
- Can also be installed with inline and remote blowers

Required Blower

DHG602DUC

600 CFM Flexible Integral Blower

600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides

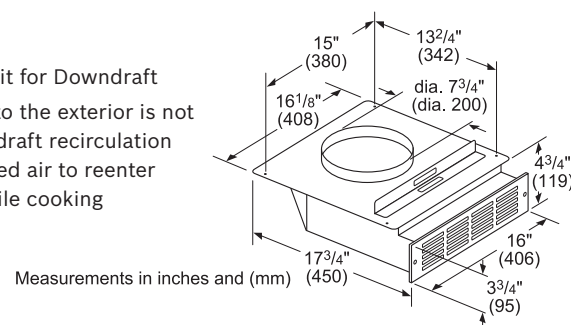


Optional Accessories

HDDREC5UC

Recirculation Kit for Downdraft

When ducting to the exterior is not feasible, downdraft recirculation kit allows filtered air to reenter the kitchen while cooking



HDDFILTUC

Charcoal Filter Replacement for Recirculation Kit for Downdraft

Maintain performance of Bosch downdraft recirculation kit with timely replacement of charcoal filter to capture and filter odors



HDD0RSP

30" Gas Cooktop Seal Kit for Downdraft

30" gas cooktop seal kit required for installation with 30" gas cooktops



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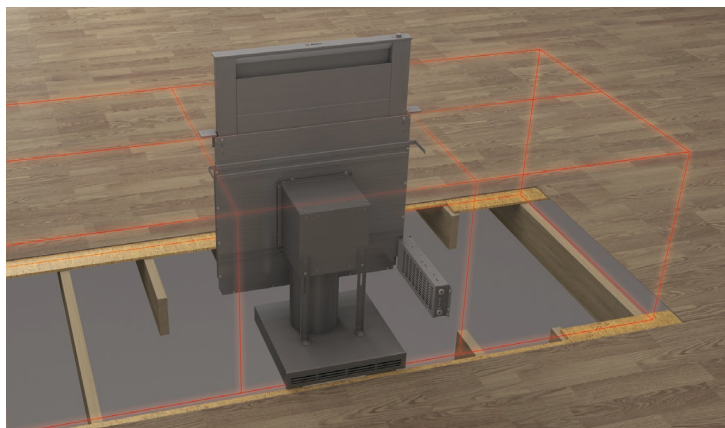
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30" Downdraft

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Flexible Blower Installation – Recirculation Example

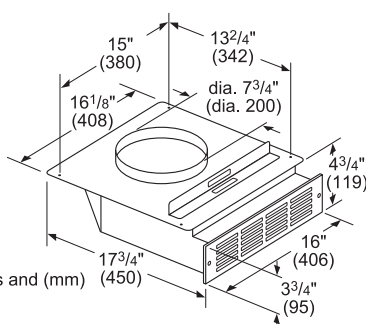


Required Accessories

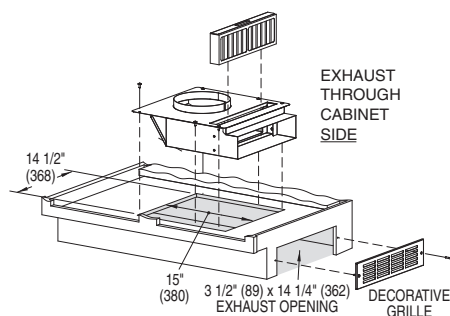
HDDREC5UC

Recirculation Kit for Downdraft

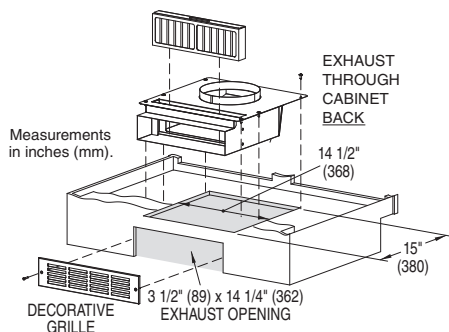
When ducting to the exterior is not feasible, downdraft recirculation kit allows filtered air to reenter the kitchen while cooking



Measurements in inches and (mm)



EXHAUST
THROUGH
CABINET
SIDE



Measurements
in inches (mm).

DECORATIVE
GRILLE



EXHAUST
THROUGH
CABINET
BACK

Application

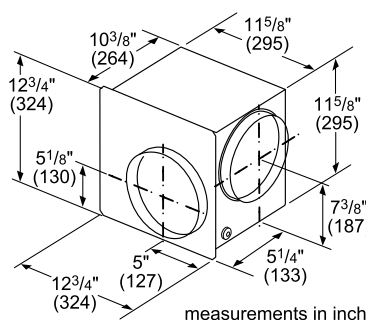
- Allows for non-ducted downdraft installation by eliminating the need to exhaust to the exterior of the home
- Mount to toe kick or base of a cabinet and attach directly to flexible blower
- Recirculation module and metal grill vent plate placement can be rotated for flexible exhaust placement
- Elbow, ductwork, blower support structure frame not included

Required Blower

DHG602DUC

600 CFM Flexible Integral Blower

600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides



measurements in inches and (mm)

Optional Accessories

HDDFILTUC

Charcoal Filter Replacement for Recirculation Kit for Downdraft

Maintain performance of Bosch downdraft recirculation kit with timely replacement of charcoal filter to capture and filter odors



HDD0RSP

30" Gas Cooktop Seal Kit for Downdraft

30" gas cooktop seal kit required for installation with 30" gas cooktops



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