800 Series Downdraft - HDD86052UC





HDD86052UC Stainless Steel

Sleek, built-in, and retracts out of sight. Bosch 36" 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*

Consuel Busyanties			
General Properties Operating mode	Convertible:		
operating mode	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)	44 3/8" x 37" x 2 3/4"		
(HxWxD)			
	15"		
(HxWxD)	15" 8"		
(HxWxD) Height of the rise Diameter of air duct-			
(HxWxD) Height of the rise Diameter of air duct- internal Diameter of air duct-	8"		
(HxWxD) Height of the rise Diameter of air duct- internal Diameter of air duct- external	8" 6" or 8"		

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		
36" Gas Cooktop Seal Kit for Downdraft (required for installation with gas cooktops)	HDD6RSP		
Trim Kit for 36" FlameSelect® Gas Cooktops	HDDTRIM36S		



Blower (sold separately)

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.

^{*}Recirculation kit is not compatible with gas cooktop installations with downdraft

800 Series Downdraft - HDD86052UC



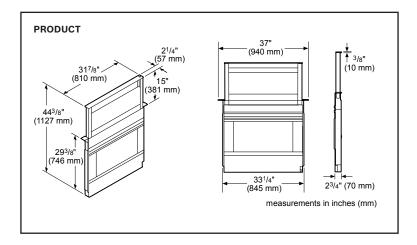
HVI Performance Values (CFM & Sones)

Downdraft HDD80052UC with Blower DHG602DUC							
Blower	Exhaust Discharge	Duct Size	Speed	Static Pressure (in w.g.)	WATTS	CFM	Sones
DHG602DUC	Inline	8" Dia	High	0.2	358	600	N/A
DHG602DUC	Front intake with compatible 36'' Downdraft	8'' Dia	High	0.1	306	450	11
DHG602DUC	Front intake with compatible 36'' Downdraft	8'' Dia	Working	0.016	69.4	180	1.2



perceived loudness, based on laboratory measurements.

Installation Details

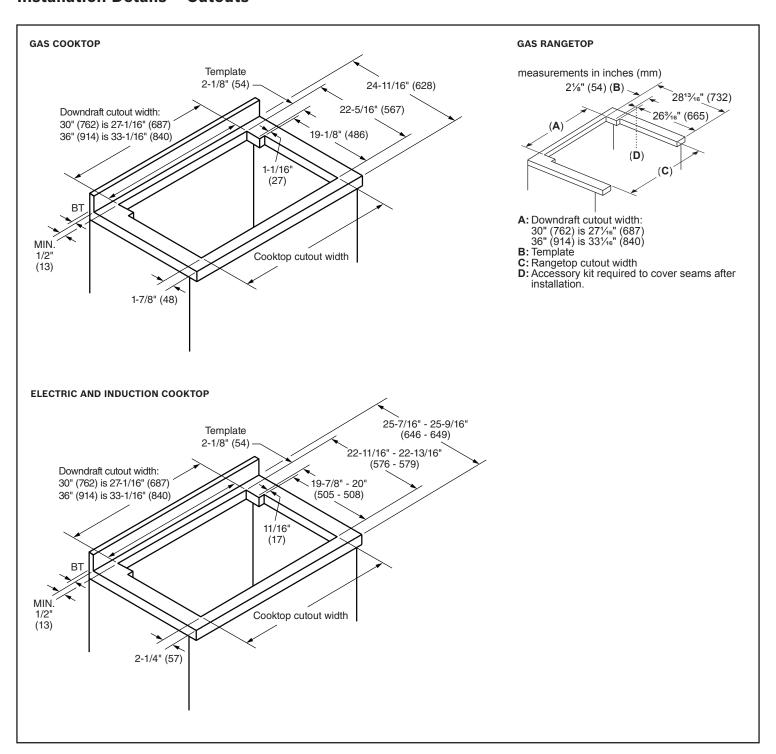


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Installation Details - Cutouts



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Accessories - Transitions

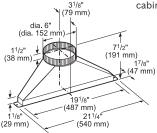
SIDE / REAR / DOWNWARD TRANSITION FOR DOWNDRAFT



HDDSTRAN6 6" Side / Rear / Downward Transition for Downdraft

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

- Flexible transition design allows for left, right, rear or downward venting
- ► Front rough-in plate may be used with a 6" round duct or elbow
- ► Ability to use with DHI1FZUC inline and DHR1FZUC remote blowers
- Some blower positions may need deeper cabinets. See installation guide.

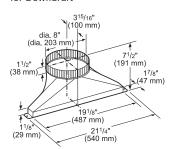


measurements in inches (mm)

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

- ► Flexible transition design allows for left, right, rear or downward venting
- ► For DHG602DUC flexible downdraft blower used as inline installation
- ► Some blower positions may need deeper cabinets. See installation guide.



measurements in inches (mm)

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

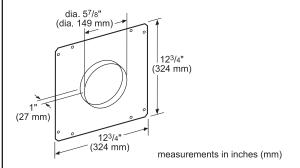
ROUND FRONT PLATES FOR DOWNDRAFT



HDDFTRAN6 6" Round Front Plate for Downdraft

6" Front rough-in plate enable ducting to be at front of downdraft, for use with inline and remote blower applications

- ► Front rough-in plate design allows for front venting
- ► Front rough-in plate may be used with a 6" round duct or elbow
- ► Ability to use with DHI1FZUC inline and DHR1FZUC remote blowers

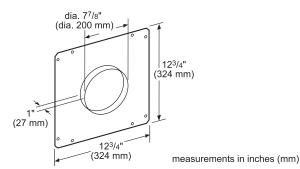




HDDFTRAN8 8" Round Front Plate for Downdraft

8" Front rough-in plate enable ducting to be at front of downdraft, for use with inline and remote blower applications

- ► Front rough-in plate design allows for front venting
- ► Front rough-in plate may be used with a 8" round duct or elbow
- ► For DHG602DUC flexible downdraft blower used as inline installation



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

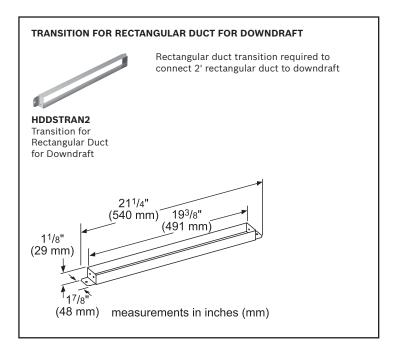
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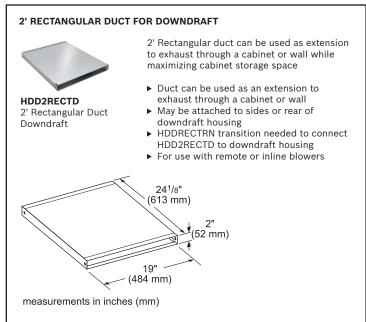
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800 Series Downdraft - HDD86052UC



Accessories - Transitions





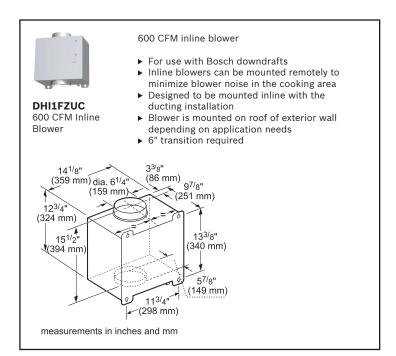
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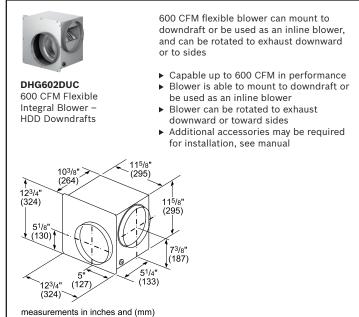
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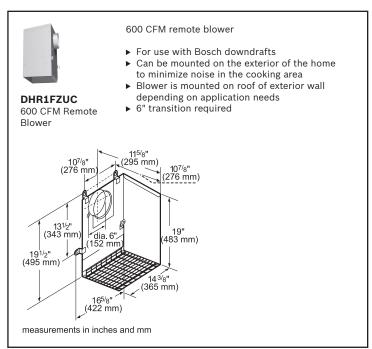
800 Series Downdraft - HDD86052UC



Accessories - 600 CFM Blowers







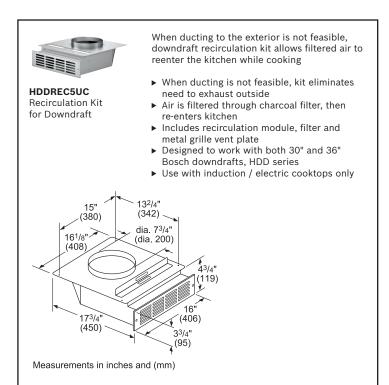
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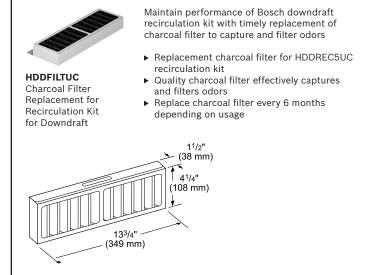
Accessories - Optional

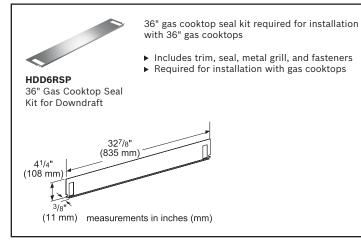




HDDTRIM36S Trim Kit for 36" FlameSelect® Gas Cooktops 36" trim kit for installation with 36" FlameSelect® gas cooktops

- ▶ Includes trim kit and installation tool
- Required for installation with 36" FlameSelect[®] gas cooktops





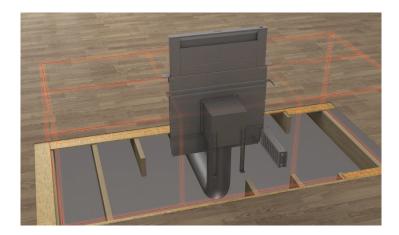
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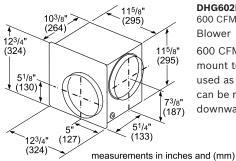
Flexible Blower Installation - Front Exhaust Example



Application

- Flexible blower attached can rotate for left, right or downward discharge
- · Front downward application with flexible blower
- Requires space under floor line for ductwork*
- · 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

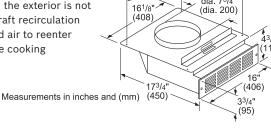
600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides

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



(380)

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



132/4 (342)

dia. 73/4"

HDD6RSP

36" Gas Cooktop Seal Kit for Downdraft 36" gas cooktop seal kit required for installation with 36" gas cooktops

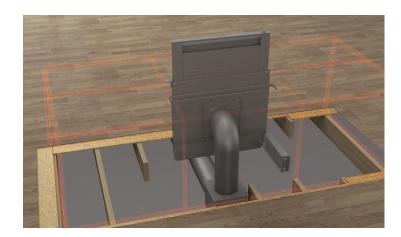
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^{*}For only front downward ducting applications, electrical panel must be remotely mounted. Electrical panel can still be remotely mounted in other exhaust configurations if desired. Electrical panel interconnect cable length is 5-ft. long.

800 Series Downdraft - HDD86052UC



Flexible Blower Installation - Front Exhaust with Flexible Blower Used as an **Inline Option Example**



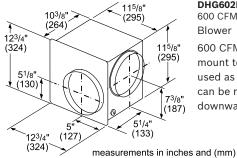
Required Accessories

HDDFTRAN8 dia. 77/8" 8" Round Front Plate for (dia. 200 mm) Downdraft 8" Front rough-in plate 123/4" enable ducting to be at front (324 mm) of downdraft, for use with inline and remote blower applications (27 mm) NOTE: HDDFTRAN8 front plate required for front exhaust applications 123/4 with inline and remote blowers. (324 mm) measurements in inches (mm)

Application

- Side exhaust with flexible blower used as inline option 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
- 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

HDD6RSP

36" Gas Cooktop Seal Kit for Downdraft

36" gas cooktop seal kit required for installation with 36" gas cooktops



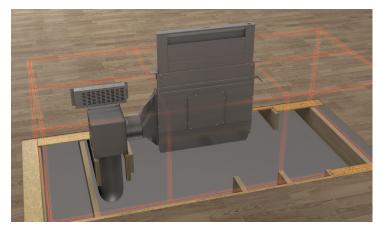
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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). 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.

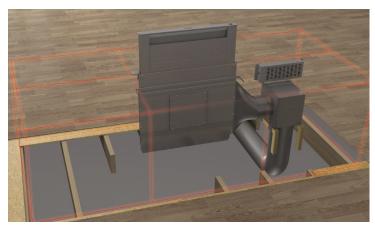
800 Series Downdraft - HDD86052UC



Flexible Blower Installation - Side Exhaust Example



Left Side Exhaust



Right Side Exhaust

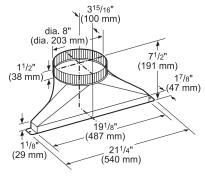
Required Accessories

8" Side / Rear / Downward

HDDSTRAN8

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.

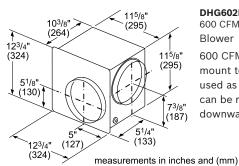


measurements in inches (mm)

Application

- Side 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

Required Blower



DHG602DUC

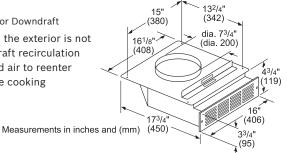
600 CFM Flexible Integral

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



HDD6RSP

36" Gas Cooktop Seal Kit for Downdraft 36" gas cooktop seal kit required for installation with 36" gas cooktops



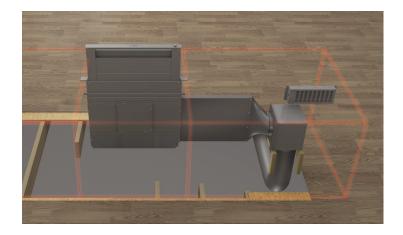
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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). 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.

800 Series Downdraft - HDD86052UC



Flexible Blower Installation - Side Exhaust with Slim 2' Rectangular Duct Example

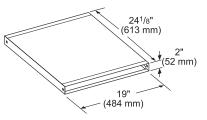


Required Accessories

HDD2RECTD

2' Rectangular **Duct Downdraft**

2' Rectangular duct can be used as extension to exhaust through a cabinet or wall while maximizing cabinet storage space

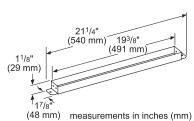


measurements in inches (mm)

HDDSTRAN2

Transition for Rectangular **Duct for Downdraft**

Rectangular duct transition required to connect 2' rectangular duct to downdraft

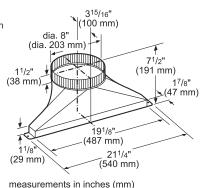


HDDSTRAN8

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

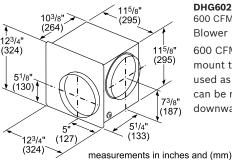
NOTE: HDDSTRAN8 side / rear / downward transition required for side. rear or downward exhaust applications with inline and remote blowers



Application

- Side exhaust option if ducting is more convenient with this configuration
- A slim 2' rectangular duct is available to place flexible blower in areas such as unused corner in island or peninsula applications
- · Can be used with optional Recirculation Kit, sold separately
- Elbow, ductwork, blower support structure frame not included

Required Blower



DHG602DUC

600 CFM Flexible Integral

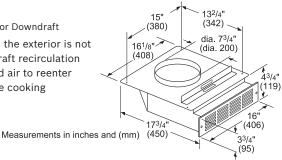
600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides

Optional Accessories

HDDRFC5UC

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



HDD6RSP

36" Gas Cooktop Seal Kit for Downdraft 36" gas cooktop seal kit required for installation with 36" gas cooktops



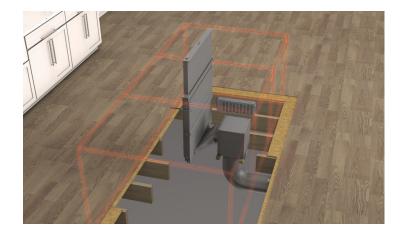
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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). 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.

800 Series Downdraft - HDD86052UC



Flexible Blower Installation - Rear Exhaust Example



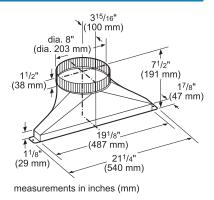
Required Accessories

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

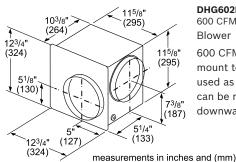
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



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

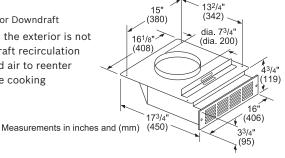
600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides

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



HDD6RSP

36" Gas Cooktop Seal Kit for Downdraft 36" gas cooktop seal kit required for installation with 36" gas cooktops



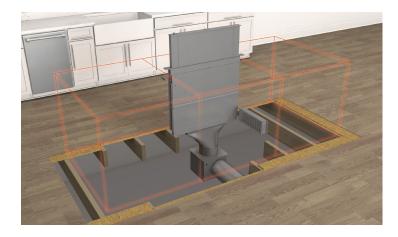
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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). 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.

800 Series Downdraft - HDD86052UC



Flexible Blower Installation - Downward Exhaust Example



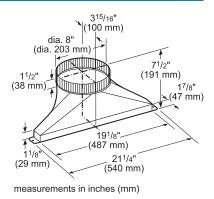
Required Accessories

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

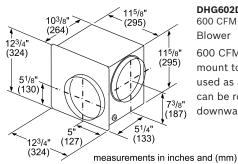
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



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

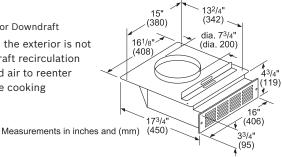
600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides

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



HDD6RSP

36" Gas Cooktop Seal Kit for Downdraft 36" gas cooktop seal kit required for installation with 36" gas cooktops

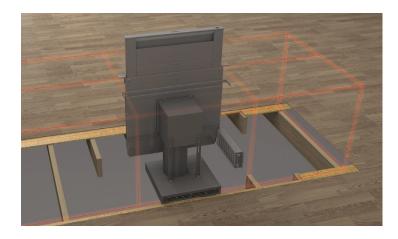


Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST). Sat 6 am to 3 pm PST). Notes: All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change 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.

800 Series Downdraft - HDD86052UC



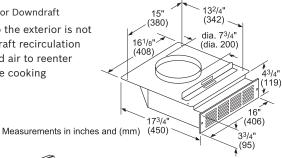
Flexible Blower Installation - Recirculation Example

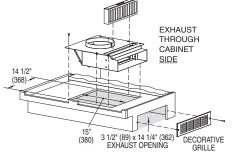


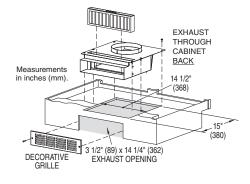
Required Accessories

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



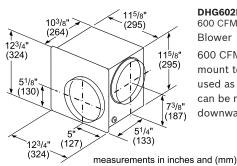




Application

- 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
- 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

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

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



36" Gas Cooktop Seal Kit for Downdraft 36" gas cooktop seal kit required for installation with 36" gas cooktops



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