800 Series Downdraft - HDD80051UC





HDD80051UC 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 (V)	120 V		
- ()	00.11		
Frequency (Hz)	60 Hz		
Plug type	120V-3 prong		
Plug type	120V-3 prong		
Plug type Power cord length (in.)	120V-3 prong		
Plug type Power cord length (in.) Dimensions & Weight Overall appliance dimensions (width of canopy included)	120V-3 prong 30" 29 3/8" x 31" x		
Plug type Power cord length (in.) Dimensions & Weight Overall appliance dimensions (width of canopy included) (HxWxD) (in.)	120V-3 prong 30" 29 ³ /8" x 31" x 2 ³ /4"		
Plug type Power cord length (in.) Dimensions & Weight Overall appliance dimensions (width of canopy included) (HxWxD) (in.) Height of the rise (in.) Diameter of air duct	120V-3 prong 30" 29 ³ /8" x 31" x 2 ³ /4"		
Plug type Power cord length (in.) Dimensions & Weight Overall appliance dimensions (width of canopy included) (HxWxD) (in.) Height of the rise (in.) Diameter of air duct (in.) internal Diameter of air duct	120V-3 prong 30" 29 3/8" x 31" x 2 3/4" 12" 8"		
Plug type Power cord length (in.) Dimensions & Weight Overall appliance dimensions (width of canopy included) (HxWxD) (in.) Height of the rise (in.) Diameter of air duct (in.) internal Diameter of air duct (in.) external	120V-3 prong 30" 29 3/8" x 31" x 2 3/4" 12" 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,			

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		

600 CFM remote blower	DHR1FZUC
Accessories - Optional	
Recirculation kit (compatible with electric, induction and FlameSelect Gas Cooktops)	HDDREC5UC
Charcoal filter replacement for recirculation kit	HDDFILTUC
30" gas cooktop seal kit for downdraft (required for installation with gas cooktops)	HDD0RSP
Trim kit for 30" FlameSelect® gas cooktops	HDDTRIM30S

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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 - HDD80051UC

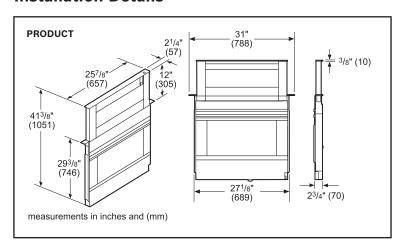


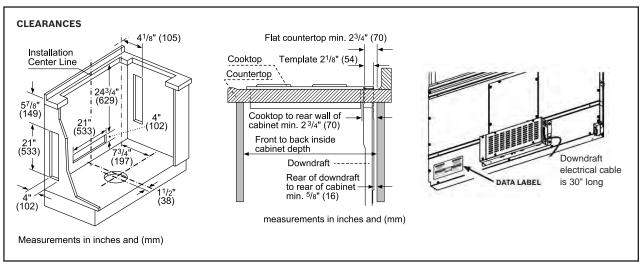
HVI Performance Values (CFM & Sones)

Downdraft HDD80051UC with Blower DHG602DUC						
			CFM		Sones	
Exhaust	Duct Size	Required Accessories	High Speed	Working Speed	High Speed	Working Speed
Front	8" Round	None	380	160	12.0	2.0
Left	8" Round	Optional Adapter Model: HDDSTRAN8	360	150	11.0	2.5
Right	8" Round	Optional Adapter Model: HDDSTRAN8	350	140	11.0	1.4
Rear	8" Round	Optional Adapter Model: HDDSTRAN8	360	150	10.0	1.5
Bottom	8" Round	Optional Adapter Model: HDDSTRAN8	370	150	11.0	1.5

Note: High speed CFM tested at 0.1" w.g. of static pressure

Installation Details





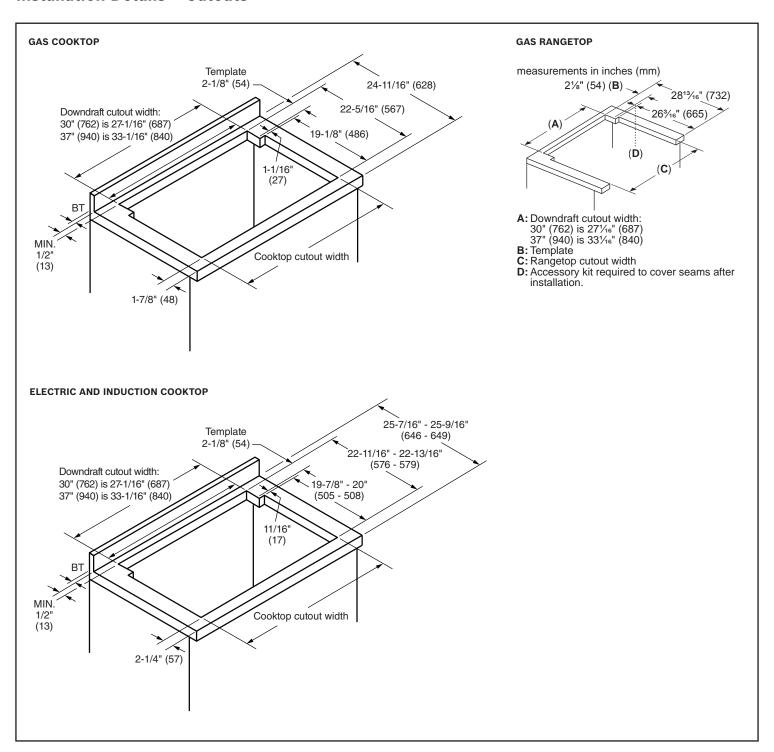
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Installation Details - Cutouts



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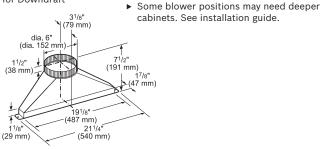
Accessories - Transitions

SIDE / REAR / DOWNWARD TRANSITION FOR DOWNDRAFT



HDDSTRAN6 6" Side / Rear /

Downward Transition for Downdraft



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

6" Round transition enable ducting to be at

configurations to maximize your kitchen design

sides, rear or below downdraft for flexible

▶ Flexible transition design allows for left,

Front rough-in plate may be used with a

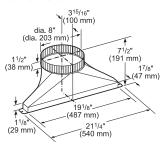
Ability to use with DHI1FZUC inline and

right, rear or downward venting

6" round duct or elbow

DHR1FZUC remote blowers

- 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.

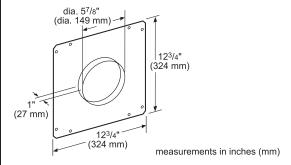
ROUND FRONT PLATES FOR DOWNDRAFT



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

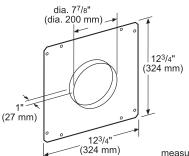




HDDFTRAN8

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



measurements in inches (mm)

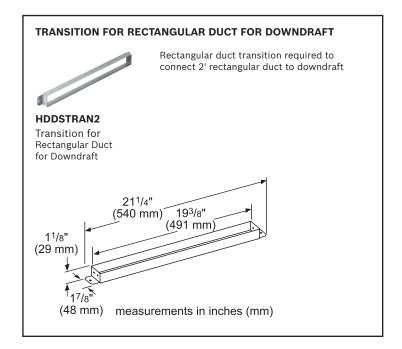
NOTE: HDDFTRAN6 or HDDFTRAN8 front plate required for front exhaust applications with inline and remote blowers.

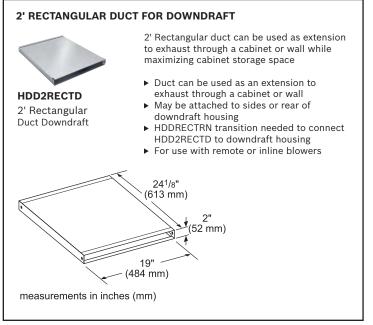
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Accessories - Transitions



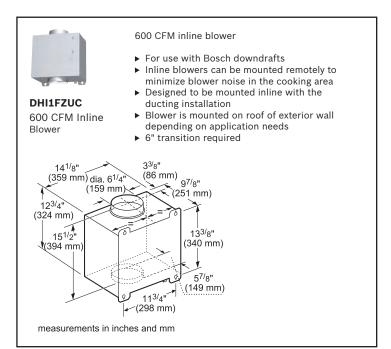


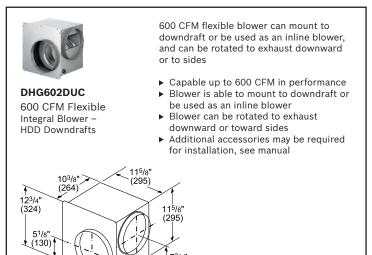
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Accessories - 600 CFM Blowers

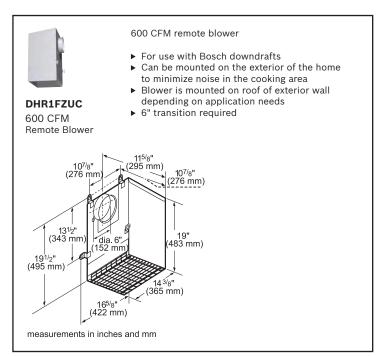




(187)

(324)

measurements in inches and (mm)



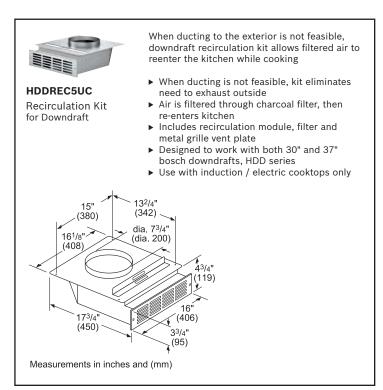
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Accessories - Optional

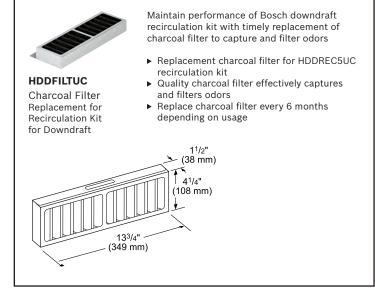


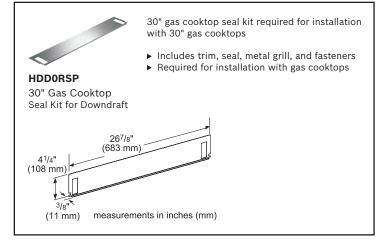


Cooktops

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

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





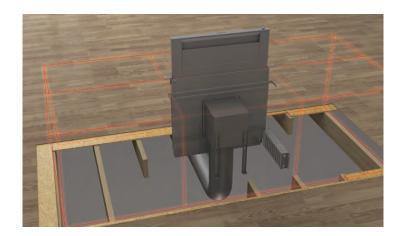
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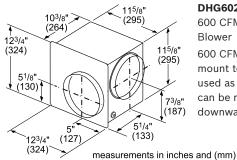
Flexible Blower Installation - Front Exhaust Example



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

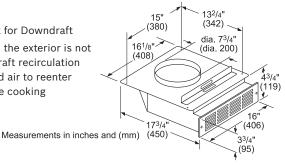
600 CFM Flexible Integral

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

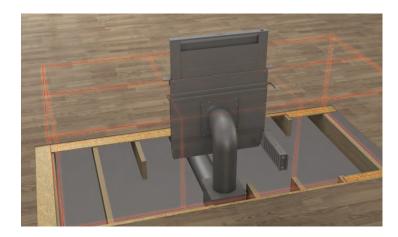
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^{*}For only front downward ducting applications, electrical panel must be remotely mounted. Electrical panel can still be remotely mounted in other exhaust configurations if desired. Electrical panel interconnect cable length is 5-ft. long.

800 Series Downdraft - HDD80051UC



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



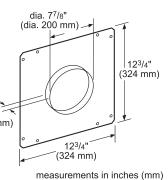
Required Accessories

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 (27 mm)

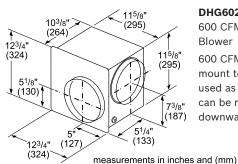
NOTE: HDDFTRAN8 front plate required for front exhaust applications with inline and remote blowers.



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

HDD0RSP

30" Gas Cooktop Seal Kit for Downdraft 30" gas cooktop seal kit required for installation with 30" gas cooktops



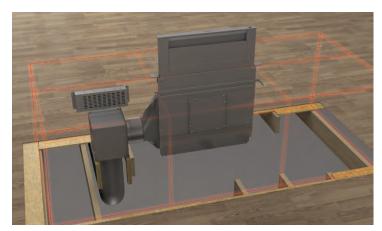
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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). 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.

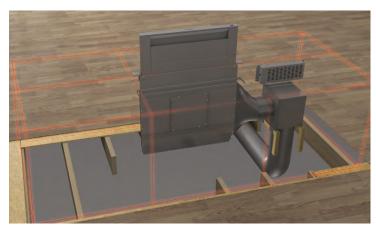
800 Series Downdraft - HDD80051UC



Flexible Blower Installation - Side Exhaust Example



Left Side Exhaust



Right Side Exhaust

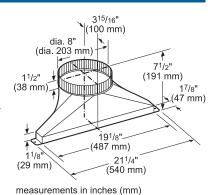
Required Accessories

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

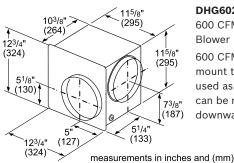
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



Application

- 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

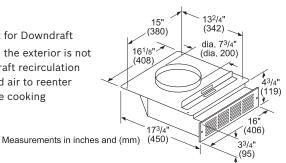
600 CFM Flexible Integral Blower

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



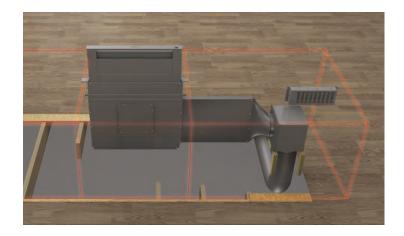
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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 - HDD80051UC



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

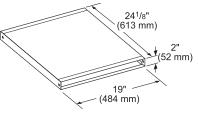


Required Accessories

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

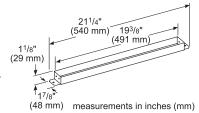


measurements in inches (mm)

HDDSTRAN2

Transition for Rectangular Duct for Downdraft

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

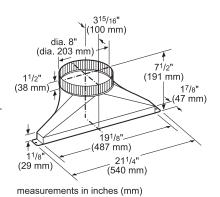


HDDSTRAN8

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

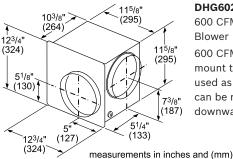
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



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

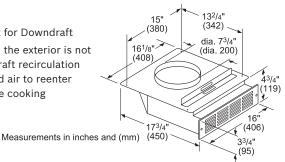
600 CFM Flexible Integral

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

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



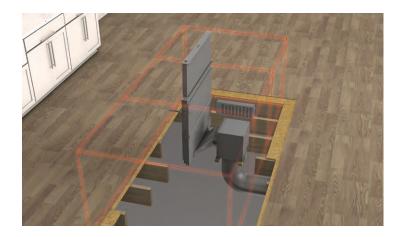
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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 - HDD80051UC



Flexible Blower Installation - Rear Exhaust Example



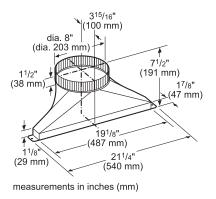
Required Accessories

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

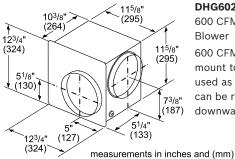
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



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

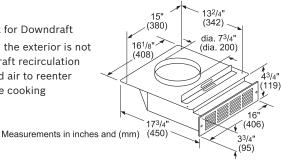
600 CFM Flexible Integral Blower

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



HDD0RSP

30" Gas Cooktop Seal Kit for Downdraft 30" gas cooktop seal kit required for installation with 30" gas cooktops



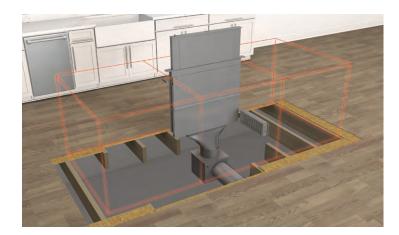
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800 Series Downdraft - HDD80051UC



Flexible Blower Installation - Downward Exhaust Example



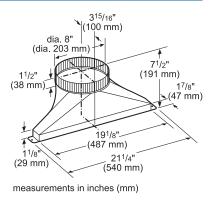
Required Accessories

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

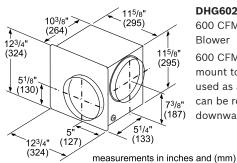
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



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

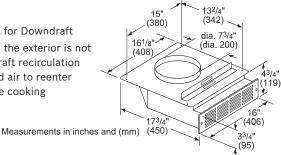
600 CFM Flexible Integral Blower

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

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



HDD0RSP

30" Gas Cooktop Seal Kit for Downdraft 30" gas cooktop seal kit required for installation with 30" gas cooktops

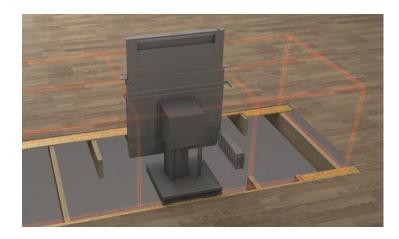


Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST). Sat 6 am to 3 pm PST). Notes: All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change 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 - HDD80051UC



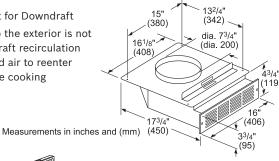
Flexible Blower Installation - Recirculation Example

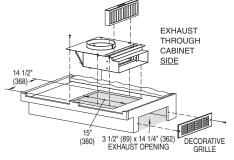


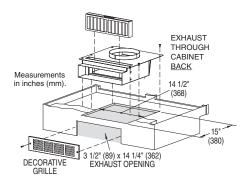
Required Accessories

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



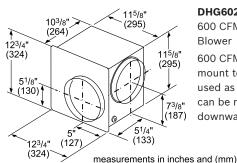




Application

- 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 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

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



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.

4/22