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
Quiet at 2.1 sones* on low speed
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
Sones*	11.8 HS / 2.1 WS
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	
<b>Technical Details</b> Volts (V)	120 V
	120 V 60 Hz
Volts (V)	
Volts (V) Frequency (Hz)	60 Hz
Volts (V) Frequency (Hz) Plug type	60 Hz 120V-3 prong
Volts (V) Frequency (Hz) Plug type Power cord length (in.)	60 Hz 120V-3 prong
Volts (V) Frequency (Hz) Plug type Power cord length (in.) Dimensions & Weight Overall appliance dimensions (width of canopy included)	60 Hz 120V-3 prong 30" 29 <b>3/8</b> " x 31" x
Volts (V) Frequency (Hz) Plug type Power cord length (in.) <b>Dimensions &amp; Weight</b> Overall appliance dimensions (width of canopy included) (HxWxD) (in.)	60 Hz 120V-3 prong 30" 29 <b>3/8</b> " x 31" x 2 <b>3/4</b> "
Volts (V) Frequency (Hz) 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	60 Hz 120V-3 prong 30" 29 3/8" x 31" x 2 3/4" 12"
Volts (V) Frequency (Hz) 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	60 Hz 120V-3 prong 30" 29 3/8" x 31" x 2 3/4" 12" 8"
Volts (V) Frequency (Hz) 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	60 Hz 120V-3 prong 30" 29 3/8" x 31" x 2 3/4" 12" 8" 6" or 8"

Accessories – Transitions 6" side / rear / downward transition 8" side / rear / downward transition NOTE: HDDSTRAN6 or HDDS rear or downward exhaust ap and remote blowers. 6" round front plate 8" round front plate NOTE: HDDFTRAN6 or HDDFT	HDDSTRAN6 HDDSTRAN8 IRAN8 required for side, plications with inline HDDFTRAN6 HDDFTRAN8	
downward transition <b>NOTE:</b> HDDSTRAN6 or HDDS rear or downward exhaust ap and remote blowers. 6" round front plate 8" round front plate	IRAN8 required for side, plications with inline HDDFTRAN6 HDDFTRAN8	
rear or downward exhaust ap and remote blowers. 6" round front plate 8" round front plate	plications with inline HDDFTRAN6 HDDFTRAN8	
8" round front plate	HDDFTRAN8	
•		
NOTE: HDDFTRAN6 or HDDF		
<b>NOTE:</b> HDDFTRAN6 or HDDFTRAN8 required for front exhaust applications with inline and remote blowers.		
Transition for rectangular duct	HDDSTRAN2	
2' rectangular duct	HDD2RECTD	
<b>NOTE:</b> 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	DHG6015NUC	
600 CFM remote blower	DHG6023RUC	
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)	HDDORSP	
Trim kit for 30" FlameSelect® gas cooktops	HDDTRIM30S	

Blower (sold separately)



\*Sound test performed as per HVI standards at independent lab.

\*\*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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# **Installation Details**



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## **Installation Details – Cutouts**



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## **Accessories – Transitions**



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## **Accessories – Transitions**





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## Accessories – 600 CFM Blowers



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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## **Accessories – Optional**





HDDTRIM30S

Trim Kit for 30" FlameSelect® Gas Cooktops 30" trim kit for installation with 30"  $\mathsf{FlameSelect}^{\circledast}$  gas cooktops

- Includes trim kit and installation tool
- Required for installation with 30" FlameSelect<sup>®</sup> 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

measurements in inches and (mm)

#### **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



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

#### **HDD0RSP**

30" Gas Cooktop Seal Kit for Downdraft30" gas cooktop seal kit required for installation with 30" gas cooktops



\*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.

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



#### **Required Accessories**



## 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

measurements in inches and (mm)

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

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# 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.



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 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**

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

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# 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)

193/8"

(491 mm)

measurements in inches (mm)

211/4"

(540 mm)

11/8

(29 mm)

17/8

(48 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.



measurements in inches (mm)

## 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 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**

#### 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.

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## 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.



measurements in inches (mm)

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

measurements in inches and (mm)

### **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**

with 30" gas cooktops

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



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

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## 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.



measurements in inches (mm)

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

measurements in inches and (mm)

#### **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





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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

> 173/4 Measurements in inches and (mm) (450)



#### EXHAUST THROUGH CABINET BACK Measurements 14 1/2" in inches (mm) (368) 15" (380)3 1/2" (89) x 14 1/4" (362 DECORATIVE EXHAUST OPENING GRILLE

132/4

(342)

dia. 7<sup>3</sup>/4"

(dia. 200)

43/4

16

(406)

33/4"

(119)

15

(380)

16<sup>1</sup>/8">

(408)

### 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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