800 Series Downdraft - HDD86051UC





HDD86051UC 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\*

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	
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Volts	120 V
	120 V 60 Hz
Volts	
Volts Frequency	60 Hz
Volts Frequency Plug type	60 Hz 120V-3 prong
Volts Frequency Plug type Power cord length	60 Hz 120V-3 prong
Volts Frequency Plug type Power cord length Dimensions & Weight Overall appliance dimensions (width of canopy included)	60 Hz 120V-3 prong 30" 29 3/8" x 37" x
Volts Frequency Plug type Power cord length Dimensions & Weight Overall appliance dimensions (width of canopy included) (HxWxD)	60 Hz 120V-3 prong 30" 29 <sup>3</sup> /8" x 37" x 2 <sup>3</sup> /4"
Volts Frequency Plug type Power cord length Dimensions & Weight Overall appliance dimensions (width of canopy included) (HxWxD) Height of the rise Diameter of air duct-	60 Hz 120V-3 prong 30" 29 3/8" x 37" x 2 3/4"
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Accessories – Transitions & Blowers					
6" side / rear / downward transition	HDDSTRAN6				
8" side / rear / downward transition	HDDSTRAN8				
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**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 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.

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<sup>\*</sup>Recirculation kit is not compatible with gas cooktop installations with downdraft

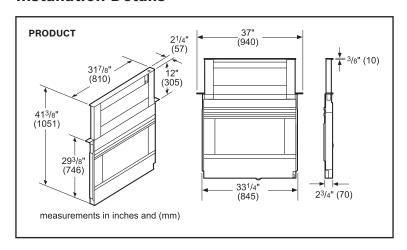
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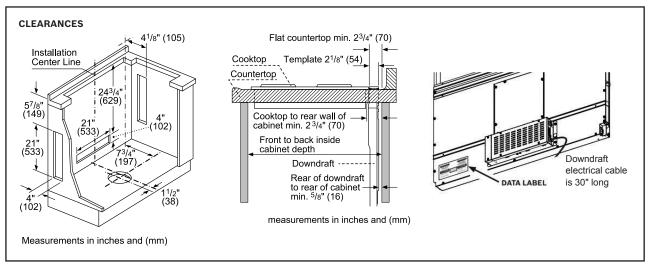


# **HVI Performance Values (CFM & Sones)**

Downdra	Downdraft HDD86051UC with Blower DHG602DUC									
			Pressure (in. H2O)		Power (W)		CFM		Sones	
Exhaust	Duct Size	Required Accessories	High Speed	Working Speed	High Speed	Working Speed	High Speed	Working Speed	High Speed	Working Speed
Front	8" Round	None	0.1	0.016	306	69.4	450	180	11.0	1.2
Left	8" Round	Optional Adapter Model: HDDSTRAN8	0.1	0.016	297	69.2	410	160	9.0	0.9
Right	8" Round		0.1	0.017	297	68.6	400	160	11.0	1.1
Rear	8" Round		0.1	0.016	292	68.4	400	160	9.5	1.0
Bottom	8" Round		0.1	0.016	296	68.2	420	170	8.5	0.9
Front	8" Round	None	0.25	_	_	_	430	_	_	_
Left	8" Round	Optional Adapter Model: HDDSTRAN8	0.25	_	_	_	390	_	_	_
Right	8" Round		0.25	_	_	_	380	_	_	_
Rear	8" Round		0.25	_	_	_	380	_	_	_
Bottom	8" Round		0.25	_	_	_	400	_	_	_

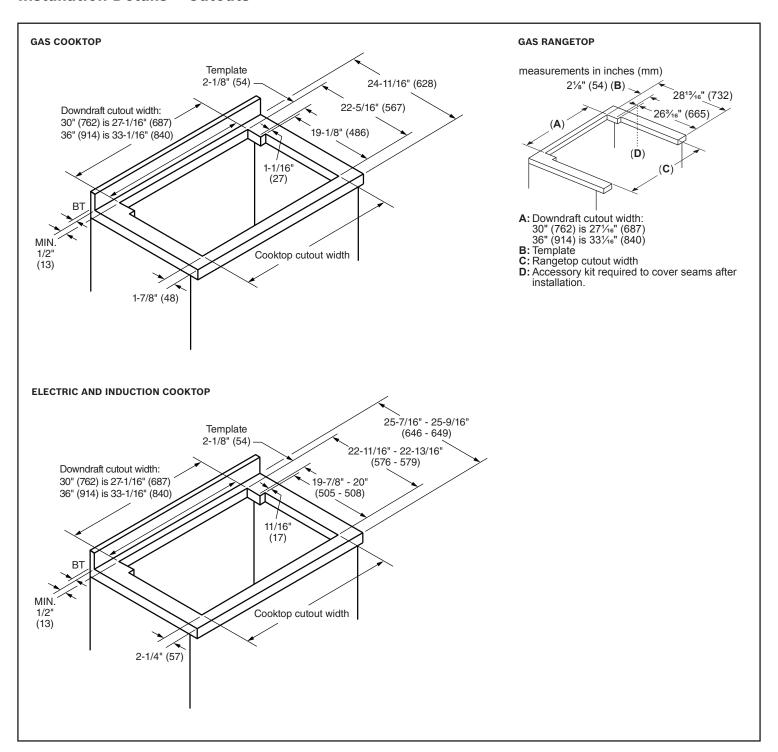
# **Installation Details**







# **Installation Details - Cutouts**



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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# Accessories - Transitions

#### SIDE / REAR / DOWNWARD TRANSITION FOR DOWNDRAFT

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

8" Round transition enable ducting to be at

configurations to maximize your kitchen design

For DHG602DUC flexible downdraft blower

sides, rear or below downdraft for flexible

Flexible transition design allows for left,

▶ Some blower positions may need deeper

right, rear or downward venting

cabinets. See installation guide.

used as inline installation

right, rear or downward venting

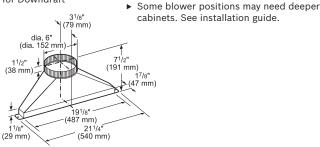
6" round duct or elbow

DHR1FZUC remote blowers



# HDDSTRAN6

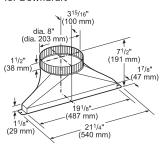
6" Side / Rear / Downward Transition for Downdraft



measurements in inches (mm)

#### **HDDSTRAN8**

8" Side / Rear / Downward Transition for Downdraft



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.

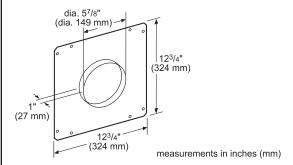
#### **ROUND FRONT PLATES FOR DOWNDRAFT**



#### 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

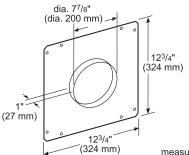




# **HDDFTRAN8**

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.

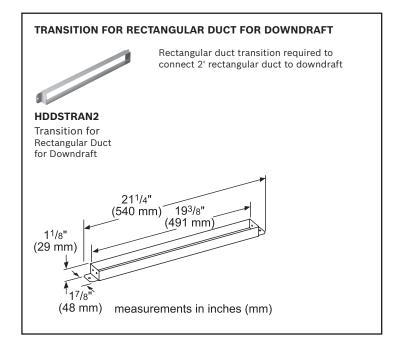
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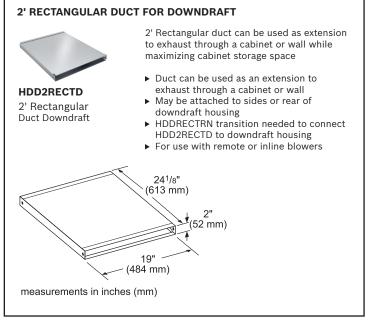
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# Accessories - Transitions





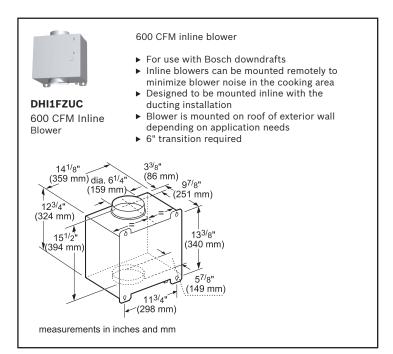
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# Accessories - 600 CFM Blowers

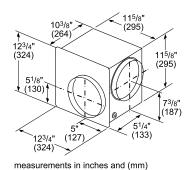


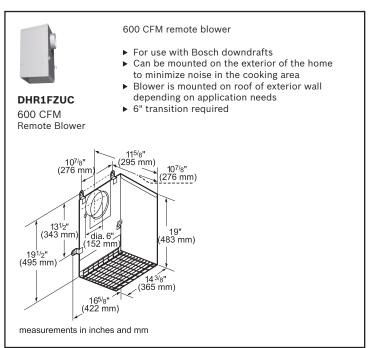


### **DHG602DUC** 600 CFM Flexible

600 CFM Flexible Integral Blower – HDD Downdrafts 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

- ► Capable up to 600 CFM in performance
- ▶ Blower is able to mount to downdraft or be used as an inline blower
- Blower can be rotated to exhaust downward or toward sides
- ► Additional accessories may be required for installation, see manual





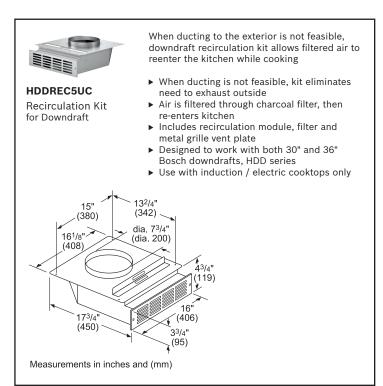
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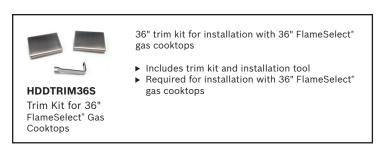
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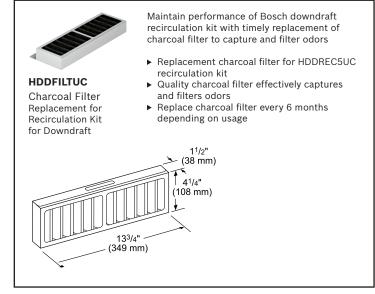
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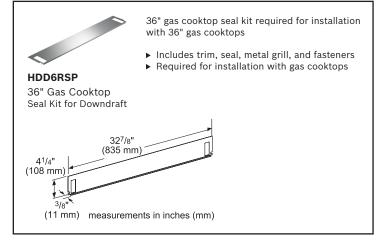


# **Accessories - Optional**







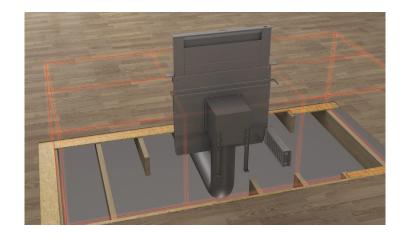


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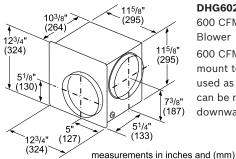
# Flexible Blower Installation - Front Exhaust Example



#### **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

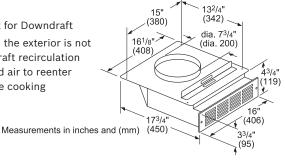
600 CFM Flexible Integral

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**

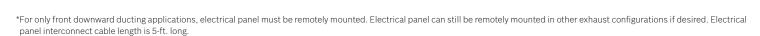
Charcoal Filter Replacement for Recirculation Kit for Downdraft

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



## **HDD6RSP**

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

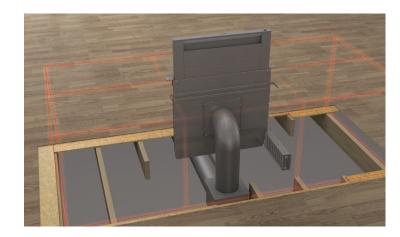


Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST). Sat 6 am to 3 pm PST). Notes: All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change 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 - HDD86051UC



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



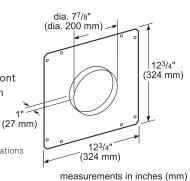
## **Required Accessories**

#### **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

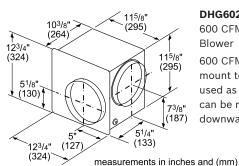
NOTE: HDDFTRAN8 front plate required for front exhaust applications with inline and remote blowers.



## **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**

## HDD6RSP

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



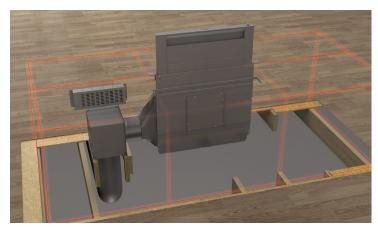
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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.

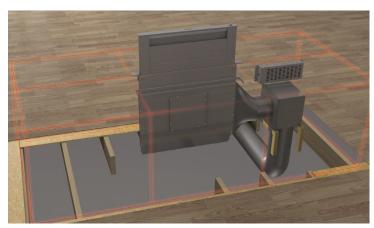
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# Flexible Blower Installation - Side Exhaust Example



Left Side Exhaust



Right Side Exhaust

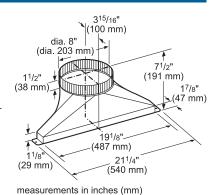
### **Required Accessories**

### **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

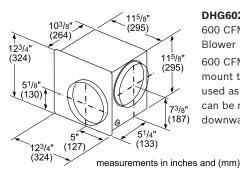
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



# 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

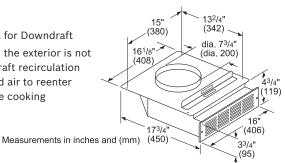
600 CFM Flexible Integral Blower

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



## **HDD6RSP**

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



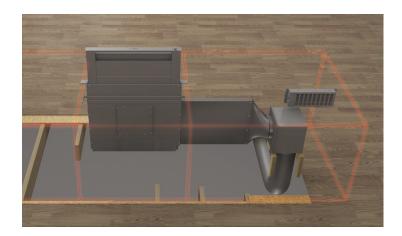
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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



#### **Required Accessories**

#### HDD2RECTD

2' Rectangular **Duct Downdraft** 

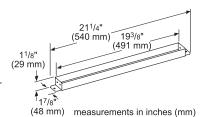
2' Rectangular duct can be used as extension to exhaust through a cabinet or wall while maximizing cabinet storage space



#### **HDDSTRAN2**

Transition for Rectangular Duct for Downdraft

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

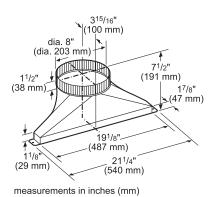


# **HDDSTRAN8**

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

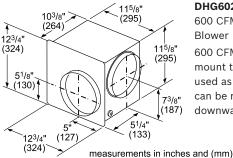
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



# **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

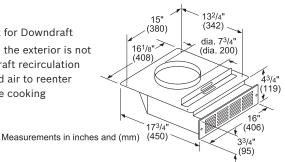
600 CFM Flexible Integral

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



#### HDD6RSP

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



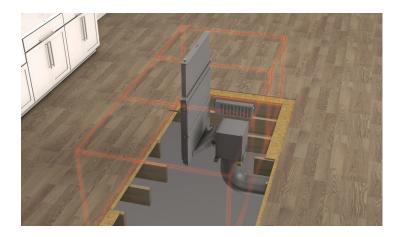
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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# Flexible Blower Installation - Rear Exhaust Example



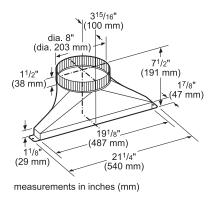
#### **Required Accessories**

#### **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

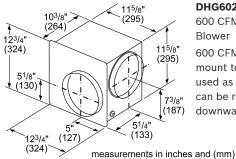
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



#### **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

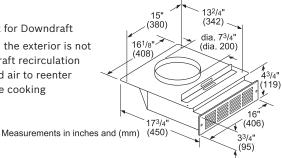
600 CFM Flexible Integral Blower

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



# **HDD6RSP**

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



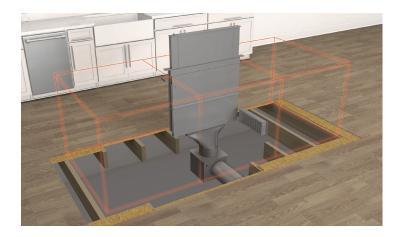
NOTE: Some applications may require deeper cabinets. Side and rear exhaust require at least 18" of clearance to fit the blower and / or ductwork. Refer to installation instructions.

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 - HDD86051UC



# Flexible Blower Installation - Downward Exhaust Example



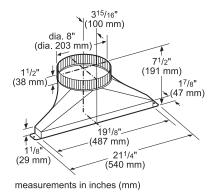
## **Required Accessories**

#### **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

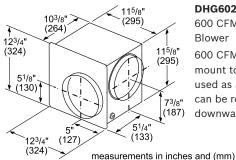
NOTE: HDDSTRAN8 side / rear / downward transition required for side, rear or downward exhaust applications with inline and remote blowers.



# **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

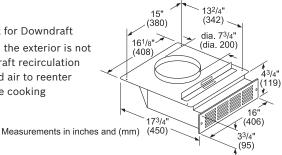
600 CFM Flexible Integral Blower

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



#### **HDD6RSP**

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

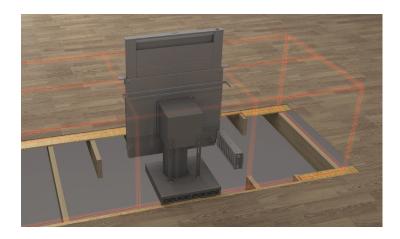


Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST). Sat 6 am to 3 pm PST). Notes: All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change 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 - HDD86051UC



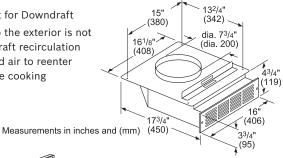
# Flexible Blower Installation - Recirculation Example

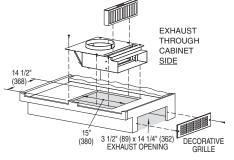


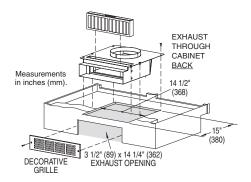
#### **Required Accessories**

#### 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



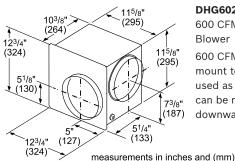




## **Application**

- 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



#### **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.