

# 30" Downdraft

800 Series Downdraft – HDD80051UC



**BOSCH**  
Invented for life



**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
Frequency (Hz)	60 Hz
Plug type	120V-3 prong
Power cord length (in.)	30"

## Dimensions & Weight

Overall appliance dimensions (width of canopy included) (HxWxD) (in.)	29 <sup>3</sup> / <sub>8</sub> " x 31" x 2 <sup>3</sup> / <sub>4</sub> "
Height of the rise (in.)	12"
Diameter of air duct (in.) internal	8"
Diameter of air duct (in.) external	6" or 8"
Net weight (lbs)	37 lbs

## Accessories – Required

Blower (sold separately)

## Accessories – Transitions & Blowers

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

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

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

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

Transition for rectangular duct	HDDSTRAN2
2' rectangular duct	HDD2RECTD

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

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

## Accessories – Optional

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



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

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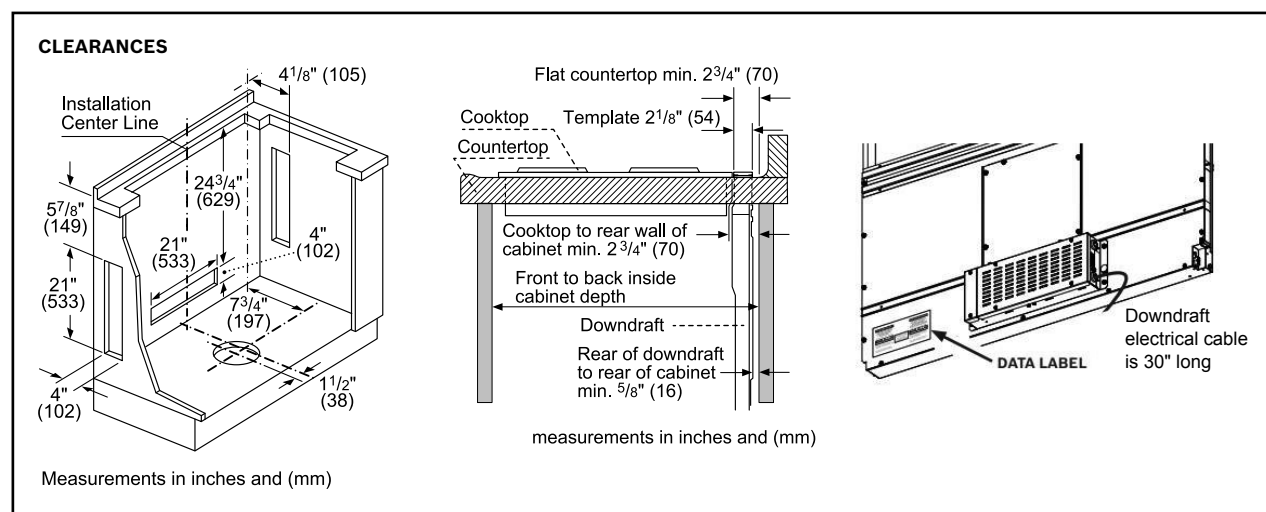
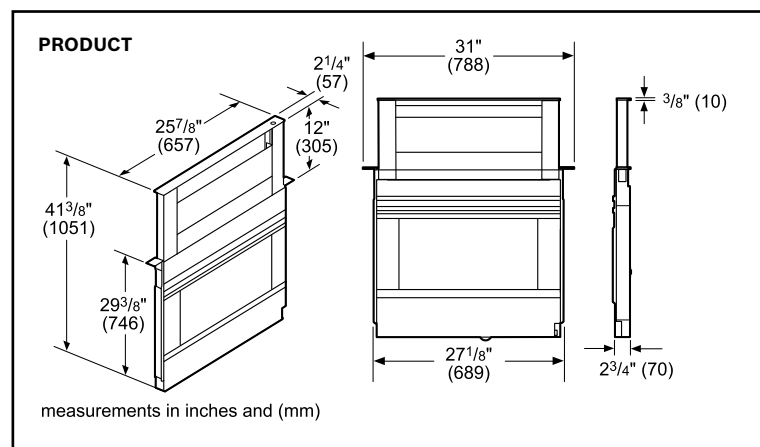
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## HVI Performance Values (CFM & Sones)

**Downdraft HDD80051UC with Blower DHG602DUC**

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

## Installation Details



# 30" Downdraft

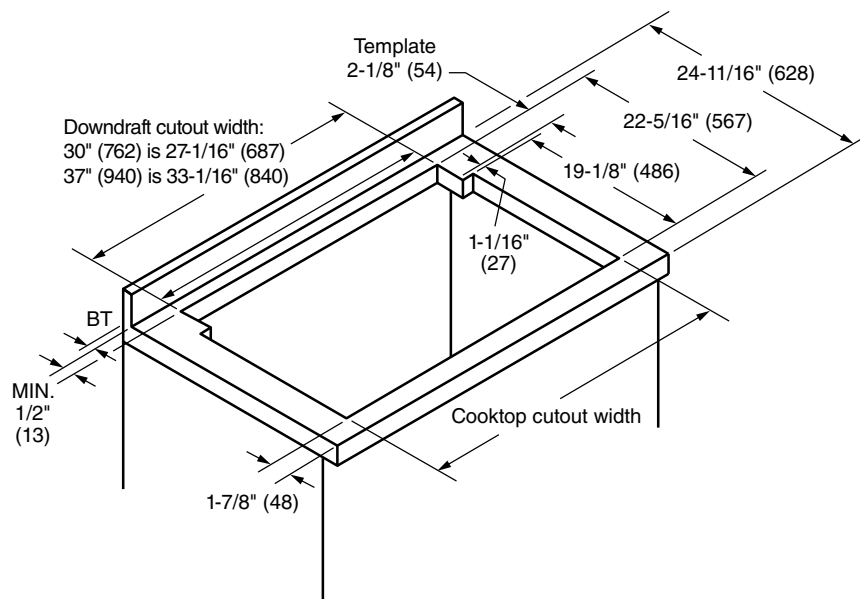
800 Series Downdraft – HDD80051UC



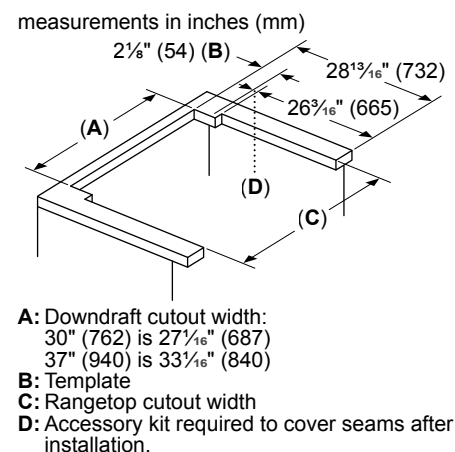
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## Installation Details – Cutouts

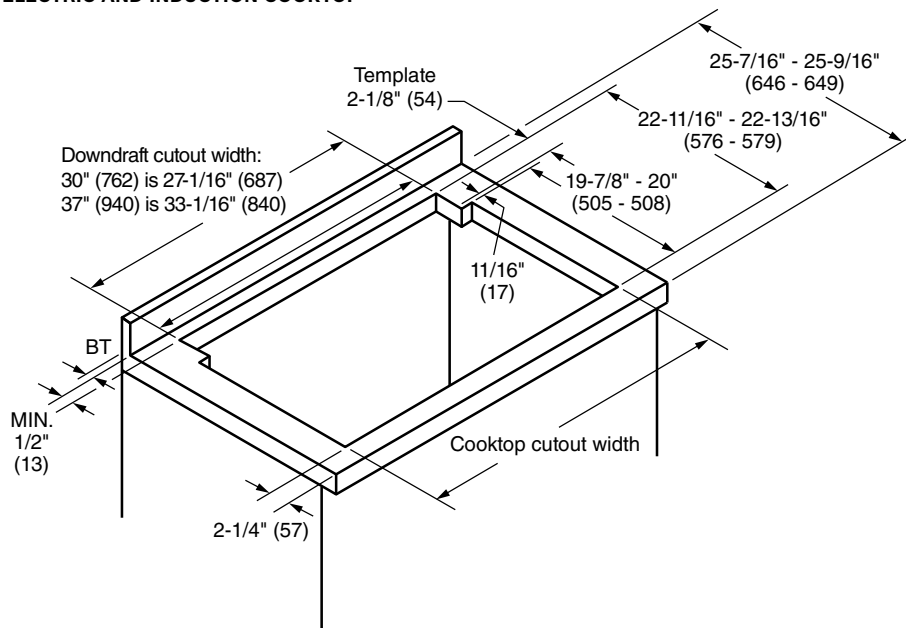
### GAS COOKTOP



### GAS RANGETOP



### ELECTRIC AND INDUCTION COOKTOP



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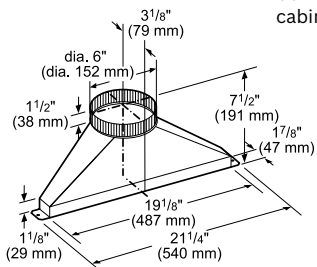
## Accessories – Transitions

### SIDE / REAR / DOWNWARD TRANSITION FOR DOWNDRAFT



#### HDDSTRAN6

6" Side / Rear / Downward Transition for Downdraft



measurements in inches (mm)

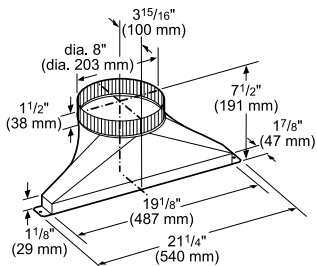
6" Round transition enable ducting to be at sides, rear or below downdraft for flexible configurations to maximize your kitchen design

- ▶ 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.



#### HDDSTRAN8

8" Side / Rear / Downward Transition for Downdraft



measurements in inches (mm)

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.

**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

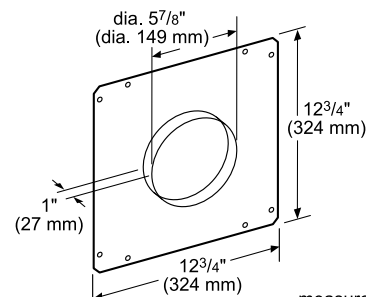


#### HDDFTRAN6

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



measurements in inches (mm)

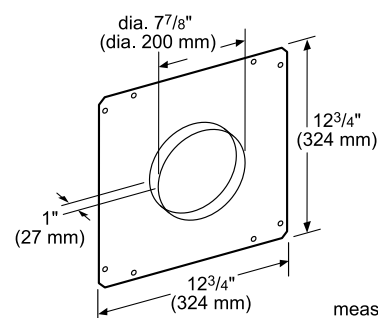


#### HDDFTRAN8

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

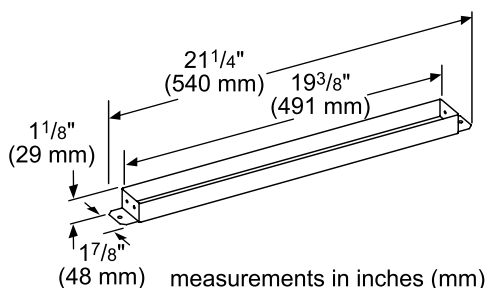
### TRANSITION FOR RECTANGULAR DUCT FOR DOWNDRAFT



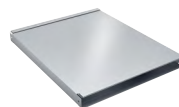
Rectangular duct transition required to connect 2' rectangular duct to downdraft

#### HDDSTRAN2

Transition for Rectangular Duct for Downdraft



### 2' RECTANGULAR DUCT FOR DOWNDRAFT

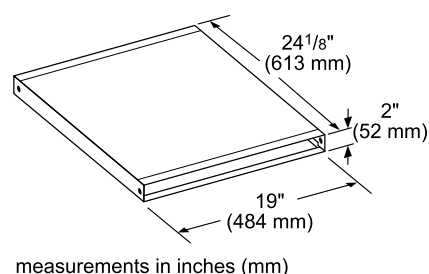


#### HDD2RECTD

2' Rectangular Duct Downdraft

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

- ▶ Duct can be used as an extension to exhaust through a cabinet or wall
- ▶ May be attached to sides or rear of downdraft housing
- ▶ HDDRECTRN transition needed to connect HDD2RECTD to downdraft housing
- ▶ For use with remote or inline blowers



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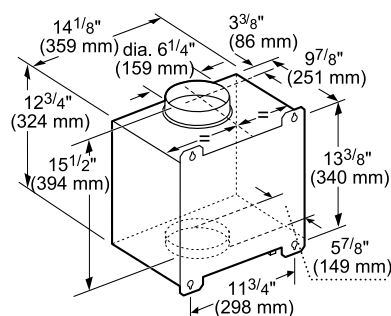
## Accessories – 600 CFM Blowers



**DHI1FZUC**  
600 CFM Inline  
Blower

600 CFM inline blower

- ▶ For use with Bosch downdrafts
- ▶ Inline blowers can be mounted remotely to minimize blower noise in the cooking area
- ▶ Designed to be mounted inline with the ducting installation
- ▶ Blower is mounted on roof of exterior wall depending on application needs
- ▶ 6" transition required



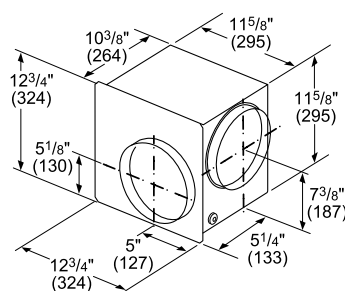
measurements in inches and mm



**DHG602DUC**  
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



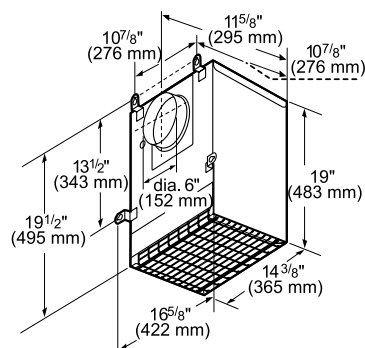
measurements in inches and (mm)



**DHR1FZUC**  
600 CFM  
Remote Blower

600 CFM remote blower

- ▶ For use with Bosch downdrafts
- ▶ Can be mounted on the exterior of the home to minimize noise in the cooking area
- ▶ Blower is mounted on roof of exterior wall depending on application needs
- ▶ 6" transition required



measurements in inches and mm

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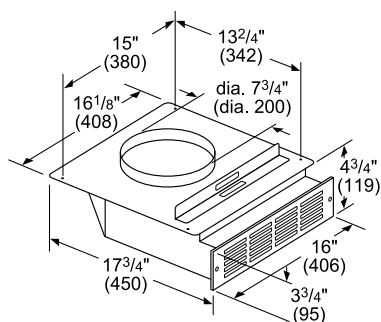
## Accessories – Optional



**HDDREC5UC**  
Recirculation Kit  
for Downdraft

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

- ▶ When ducting is not feasible, kit eliminates need to exhaust outside
- ▶ Air is filtered through charcoal filter, then re-enters kitchen
- ▶ Includes recirculation module, filter and metal grille vent plate
- ▶ Designed to work with both 30" and 37" Bosch downdrafts, HDD series
- ▶ Use with induction / electric cooktops only



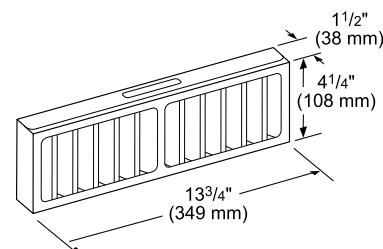
Measurements in inches and (mm)



**HDDFILTUC**  
Charcoal Filter  
Replacement for  
Recirculation Kit  
for Downdraft

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

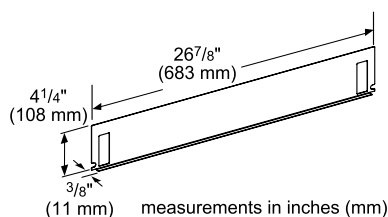
- ▶ Replacement charcoal filter for HDDREC5UC recirculation kit
- ▶ Quality charcoal filter effectively captures and filters odors
- ▶ Replace charcoal filter every 6 months depending on usage



**HDD0RSP**  
30" Gas Cooktop  
Seal Kit for Downdraft

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

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



**HDDTRIM30S**  
Trim Kit for 30"  
FlameSelect® Gas  
Cooktops

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

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

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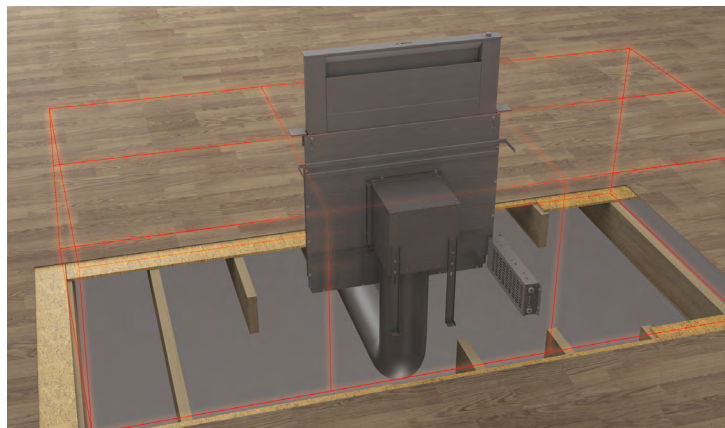
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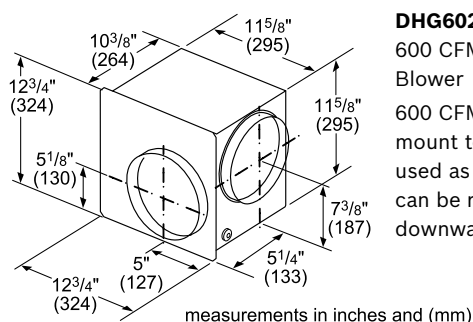
## Flexible Blower Installation – Front Exhaust Example



### 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

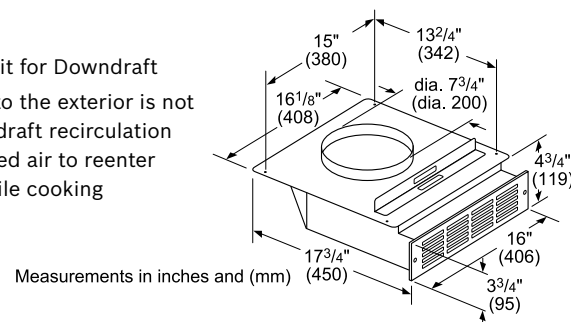
600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides

### 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



#### 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

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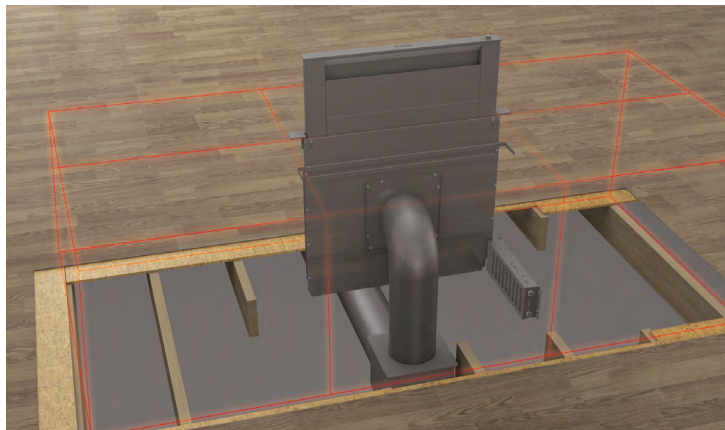
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## Flexible Blower Installation – Front Exhaust with Flexible Blower Used as an Inline Option Example



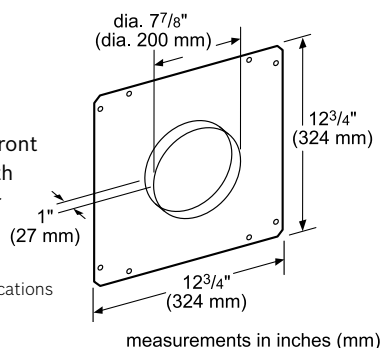
### Required Accessories

#### 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

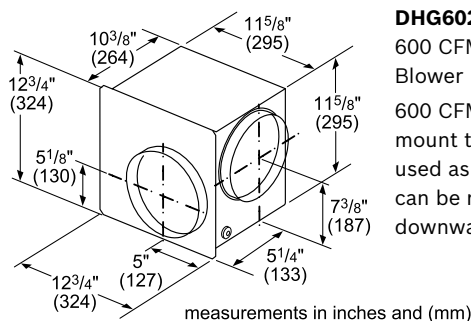
- Side exhaust with flexible blower used as inline option if ducting is more convenient with this configuration
- Requires at least 18" of clearance to fit the blower and transition
- Blower must be accessible for maintenance
- Elbow, ductwork, blower support structure frame not included

### 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

#### 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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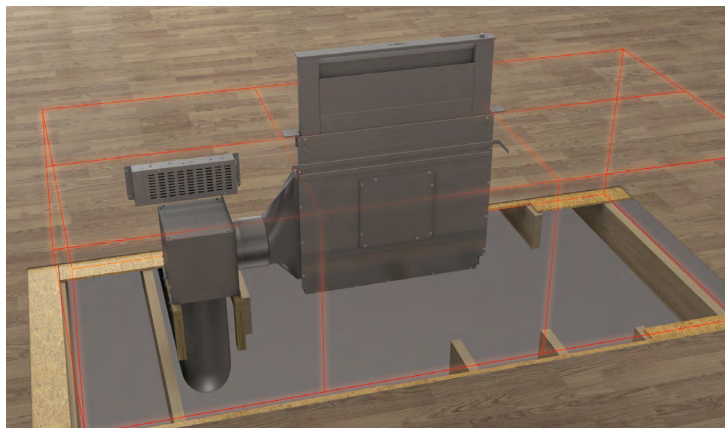
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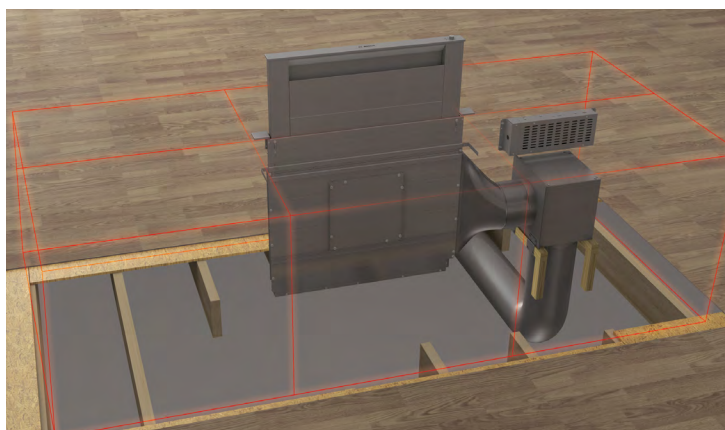


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## Flexible Blower Installation – Side Exhaust Example



Left Side Exhaust



Right Side Exhaust

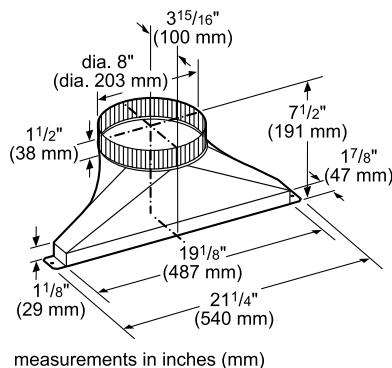
### Required Accessories

#### 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.

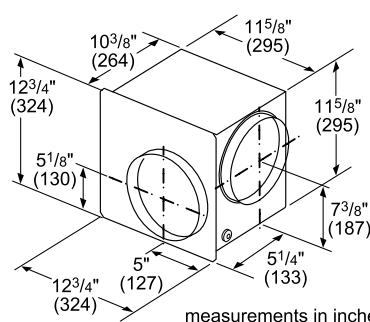


measurements in inches (mm)

### 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



measurements in inches and (mm)

#### DHG602DUC

600 CFM Flexible Integral Blower

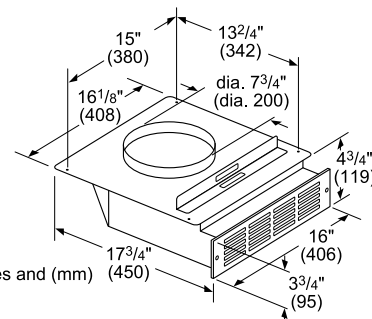
600 CFM flexible blower can mount to downdraft or be used as an inline blower, and can be rotated to exhaust downward or to sides

### 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



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 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](http://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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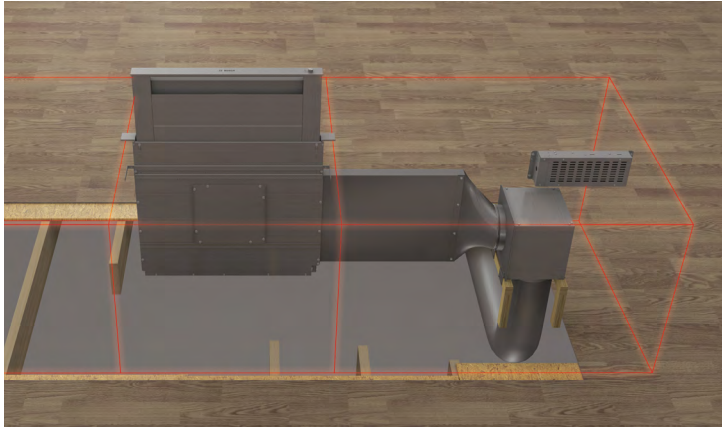
# 30" Downdraft

800 Series Downdraft – HDD80051UC



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Invented for life

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

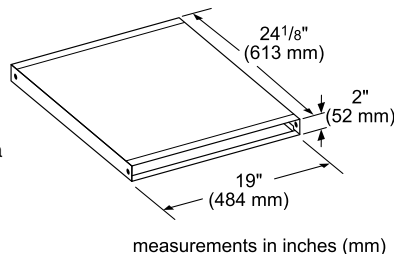


### Required Accessories

#### 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

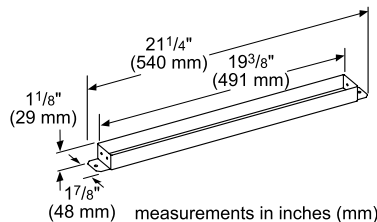


measurements in inches (mm)

#### HDDSTRAN2

Transition for Rectangular  
Duct for Downdraft

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



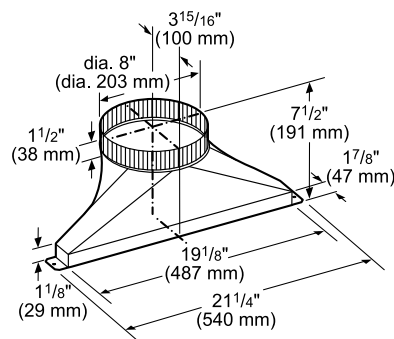
measurements in inches (mm)

#### 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

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



measurements in inches (mm)

### Application

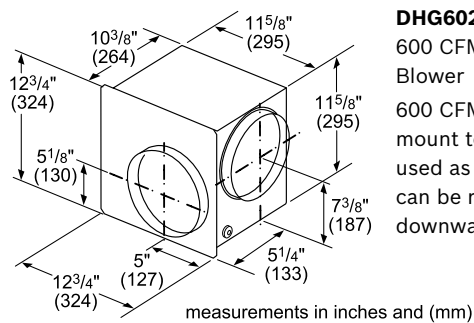
- Side exhaust option if ducting is more convenient with this configuration
- A slim 2' rectangular duct is available to place flexible blower in areas such as unused corner in island or peninsula applications
- Can be used with optional Recirculation Kit, sold separately
- Elbow, ductwork, blower support 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



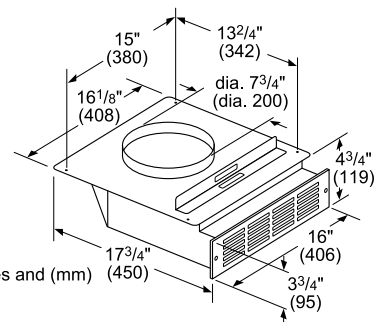
measurements in inches and (mm)

### 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



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 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](http://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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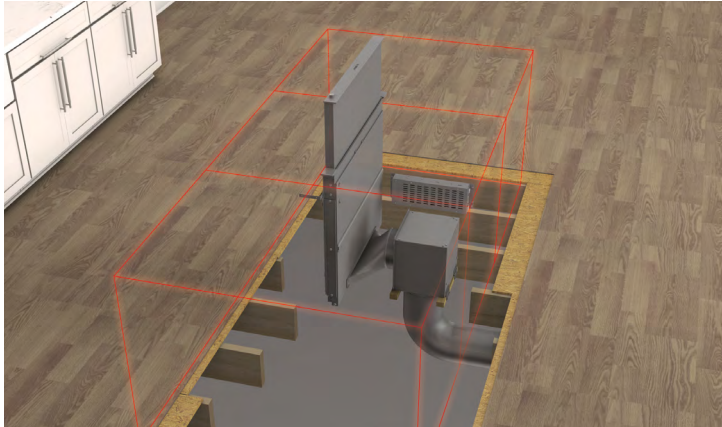
# 30" Downdraft

800 Series Downdraft – HDD80051UC



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## Flexible Blower Installation – Rear Exhaust Example



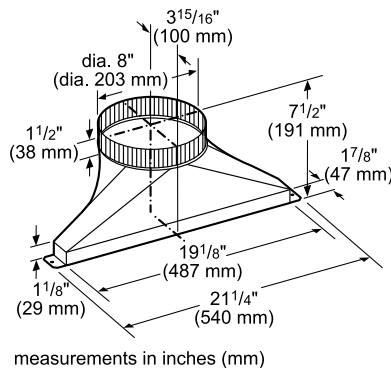
### Required Accessories

#### 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

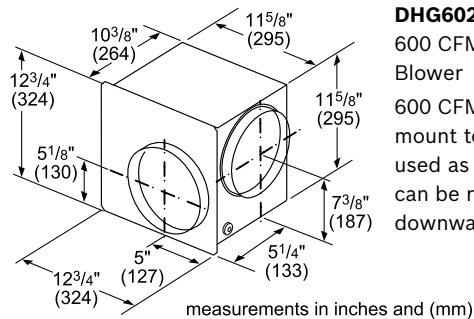
- Rear exhaust option is possible if ducting is more convenient with this configuration
- Requires at least 18" of clearance to fit the blower and transition
- Blower must be accessible for maintenance
- Can be used with optional Recirculation Kit, sold separately
- Elbow, ductwork, blower support structure 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

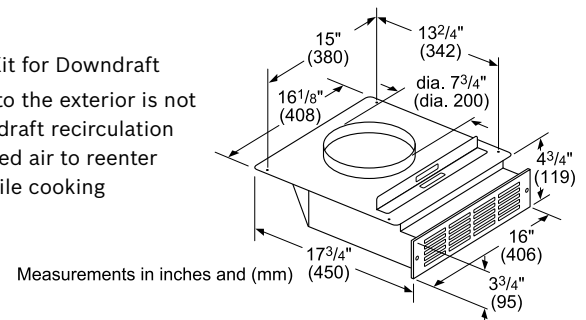


### Optional Accessories

#### 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



#### 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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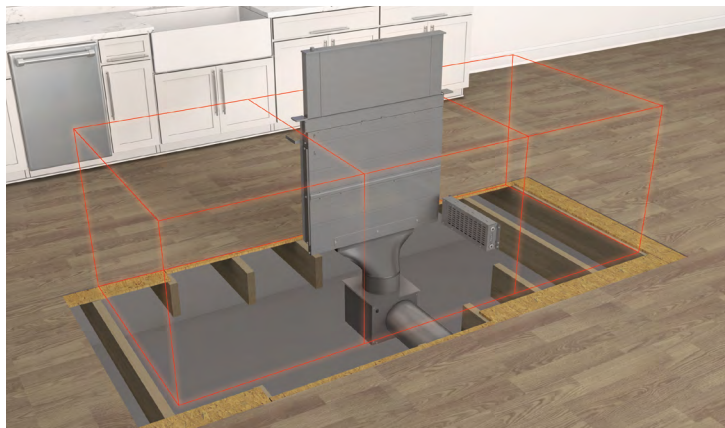
# 30" Downdraft

800 Series Downdraft – HDD80051UC



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## Flexible Blower Installation – Downward Exhaust Example



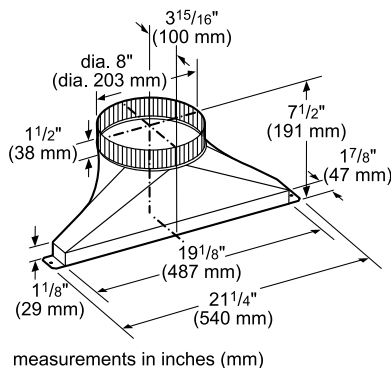
### Required Accessories

#### 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.



### Application

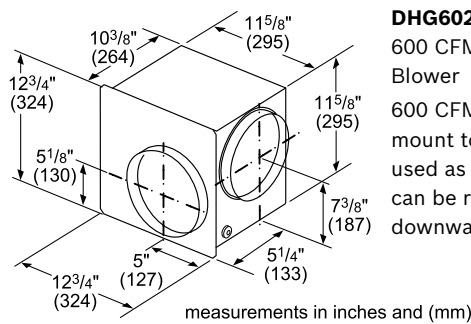
- Downward exhaust option if ducting is more convenient with this configuration
- Requires at least 18" of clearance to fit the blower and transition
- Can be used with optional Recirculation Kit, sold separately
- Elbow, ductwork, blower support structure frame not included
- Blower must be accessible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

### Required Blower

#### DHG602DUC

600 CFM Flexible Integral Blower

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

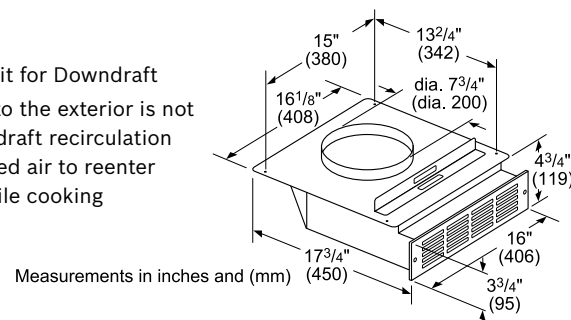


### Optional Accessories

#### HDDREC5UC

Recirculation Kit for Downdraft

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



#### HDDFILTUC

Charcoal Filter Replacement for Recirculation Kit for Downdraft

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



#### HDD0RSP

30" Gas Cooktop Seal Kit for Downdraft

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



**Accessories:** To purchase Bosch accessories, cleaners & parts please visit [www.bosch-home.com/us/store](http://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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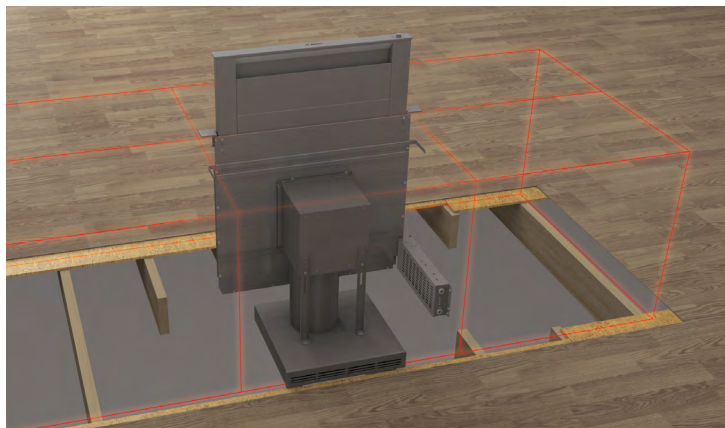
# 30" Downdraft

800 Series Downdraft – HDD80051UC



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## Flexible Blower Installation – Recirculation Example

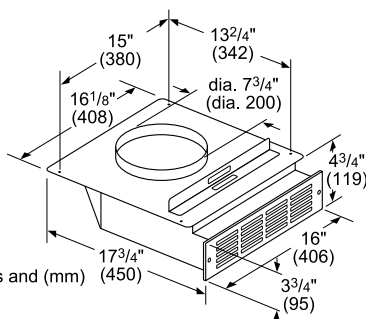


### Required Accessories

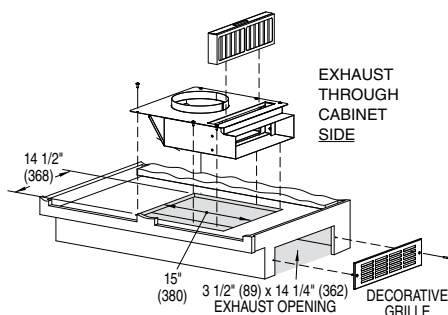
#### HDDREC5UC

##### Recirculation Kit for Downdraft

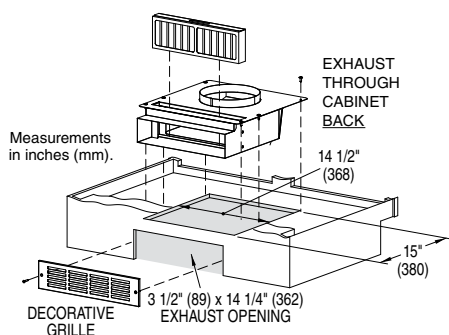
When ducting to the exterior is not feasible, downdraft recirculation kit allows filtered air to reenter the kitchen while cooking



Measurements in inches and (mm)



EXHAUST  
THROUGH  
CABINET  
SIDE



Measurements  
in inches (mm).

DECORATIVE  
GRILLE

### Application

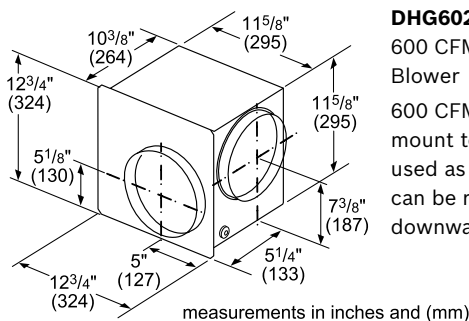
- Allows for non-ducted downdraft installation by eliminating the need to exhaust to the exterior of the home
- Mount to toe kick or base of a cabinet and attach directly to flexible blower
- Recirculation module and metal grill vent plate placement can be rotated for flexible exhaust placement
- Elbow, 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



#### HDDORSP

30" Gas Cooktop Seal Kit for Downdraft

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



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