

# Ventilation Solutions



**dacor**<sup>®</sup>

The Life of the Kitchen.<sup>®</sup>

# Ventilation Facts

## POLLUTANTS TO REMOVE FROM THE KITCHEN

Heat, Odors, Grease,  
Gases, Steam & Smoke

## FACTORS THAT NEGATIVELY INFLUENCE VENTILATION

Open Windows & Doors, Air Conditioning Vents,  
Ceiling Fans, Island Cooking, Foot Traffic

## GENERAL RULE OF THUMB

100 CFM for every 10,000 BTU  
(\*Increase if duct run is long or complicated)

## Two Types of Ventilation

### Power Sources

### Factors to Consider

## 1 OVERHEAD

**Hoods**  
**Powerpacks**  
**Over-the-Range**  
**Microwaves (OTR)**

Internal Blowers  
External Blowers:  
REMP3, REMP16  
ILHSF8, ILHSF10

Width & Depth of Cooking Product  
Capture Area: Width, Height & Depth  
Mounting Height (see chart)  
Blower Size  
Duct Diameter:  
Use Manufacturer's  
Recommendation  
Duct Length (see chart)

## 2 DOWNDRAFT

**RV**  
**ERV**  
**ERV-ER**  
**PRV**

Internal Blowers:  
CABP3 (RV only)  
External Blowers:  
REMP3, REMP16  
In-Line Blowers:  
ILHSF8, ILHSF10

Width & Depth of Cooking Product  
Blower Size  
Duct Diameter:  
Use Manufacturer's  
Recommendation  
Duct Length (see chart)  
HVAC Experts recommend

# Ventilation Facts

## RECOMMENDED MOUNTING HEIGHTS

**Hoods:** EH/EHR/MH - Bottom of the hood should be 25" minimum above the cooktop surface. DHI, DHW, PHW - Bottom of the hood should be 30" minimum above the cooktop surface.

**PowerPacks (with SS Liner):** Bottom of liner should be 36" from the finished counter.

**OTR (above electric cooking):** Top of microwave should be 34" above the finished counter.

**OTR (above gas cooking):** Top of microwave should be 36" above the finished counter. (36" mandatory above ERD30, ER30D, ER30DSR and EGR30)

\*In hoods or Powerpacks, if you must install the hood higher than the recommended height, it is very important that you increase the size (width) of the hood and the power (CFM) to provide the best possible ventilation.

## RECOMMENDED DUCT LENGTHS (VARIES BY PRODUCT)

**Elbows & Transitions count extra-you must add to straight run to get the total duct run.**

90°, 8" Round=7'      45°, 8" Round=3'      90°, Rectangle=15'  
90°, 10" Round=5'      45°, 10" Round=2'      90°, Flat Rectangle Elbow=20'

Straight Transition, 8" or 10" Rd to 3<sup>1</sup>/<sub>4</sub>" x 10" Rectangle = 4'  
Elbow Transition, 8" or 10" Rd to 3<sup>1</sup>/<sub>4</sub>" x 10" Rectangle = 25'

**8" Round:** 60' max  
**10" Round:** 50' max  
**3<sup>1</sup>/<sub>4</sub>" x 10" Rectangle:** 50' max

## DO'S & DONT'S

Keep duct run as short as possible.

Whenever possible, use round duct instead of rectangle.

Do not use back to back elbows - 24" minimum between elbows.

Do not use flex duct.

Do not use duct smaller than the recommended size - and never reduce!

Seal ductwork with duct tape and use screws to support weight.

Match roof or wall cap with duct size.

In Pro, Island cooking, we recommend you oversize the hood a minimum of 6"

Support and insulate duct to reduce all noise and vibration.

# Pro-Style Hoods

## 18" Epicure Hoods 18" High, 26<sup>7</sup>/<sub>8</sub>" Deep



**EH5418, EH4818, EH4218, EH3618, EH3018,  
EHR5418, EHR4818, EHR4218, EHR3618,  
EHR3018**

### WIDTHS

54", 48", 42", 36" and 30"

### FINISHES

Stainless Steel in standard Chrome trim. Three trim finish options are available in Black Chrome, Brass or Copper.

### INTERNAL POWERED-EH MODELS

600 CFM (582 CFM at 0.0" static pressure) - EH4218, EH3618 & EH3018  
1200 CFM (1164 at 0.0" static pressure) - EH5418, EH4818

### EXTERNAL POWERED-EHR MODELS (REMOTE BLOWER OPTION) - only one blower allowed per installation)

EHR3018 or EHR3618- Use REMP3 or REMP16; ILHSF8 or ILHSF10  
EHR4218, EHR4818 or EHR5418 - Use REMP16 or ILHSF10

### VENTING

Vents out the top (vertically) or back (horizontally)

42", 36" & 30" hoods - 8" round single outlet

54" & 48" hoods - 8" round dual outlets, may use AHT10 to transition into a single 10" round exhaust

### CONTROLS

Hood switch will control integrated or remote blowers at 4 speed settings

### DUCT COVERS

Available in all standard widths - 6", 12" or 18" heights

## 12" Epicure Hoods 12" High, 26<sup>7</sup>/<sub>8</sub>" Deep



**EH4812, EH4212, EH3612, EH3012  
EHR4812, EHR4212, EHR3612, EHR3012**

### WIDTHS

48", 42", 36" and 30"

### FINISHES

Stainless Steel in standard Chrome trim. Three trim finish options are available in Black Chrome, Brass or Copper.

### INTERNAL POWERED-EH MODELS

600 CFM (582 CFM at 0.0" static pressure) - EH4212 or EH3612 or EH3012  
1200 CFM (1164 at 0.0" static pressure) - EH4812

### EXTERNAL POWERED-EHR MODELS (REMOTE BLOWERS OPTION- only one blower allowed per installation)

EHR4212 or EHR3612 or EHR3012 - Use REMP3; ILHSF8  
EHR4812 - Use REMP16; ILHSF10

### VENTING

Vents out the top (vertically) or back (horizontally)

30", 36" or 42" hoods - 8" round single outlet

48" hoods - 8" round dual outlets, may use AHT10 to transition into a single 10" round exhaust

### CONTROLS

Hood switch will control integrated or remote blowers at 4 speed settings

### DUCT COVERS

Available in all standard widths - 6", 12" or 18" heights

# Millennia Hoods

## 18" Millennia Hoods 18" High, 25½" Deep **MH4818, MH3618, MH3018**



### WIDTHS

48", 36" and 30"

### FINISH

Stainless Steel

### INTERNAL POWERED—MH MODELS

600 CFM (582 CFM at 0.0" static pressure) - MH3618 or MH3018

1200 CFM (1164 at 0.0" static pressure) - MH4818

### VENTING

Vents out the top (vertically) or back (horizontally)

36" & 30" hoods- 8" round single outlet

48" - 8" round dual outlets, may use AHT10 to transition into a single 10" round exhaust

### CONTROLS

Hood switch will control integrated blowers at 4 speed settings.

### DUCT COVERS

Available in all standard widths - 6", 12" or 18" heights

## 12" Millennia Hoods 12" High, 25½" Deep **MH4812, MH3612, MH3012**



### WIDTHS

48", 36" and 30"

### FINISH

Stainless Steel

### INTERNAL POWERED—MHD MODELS

600 CFM (582 CFM at 0.0" static pressure) - MH3012 or MH3612

1200 CFM (1164 at 0.0" static pressure) - MH4812

### VENTING

Vents out the top (vertically) or back (horizontally)

36" & 30" hoods - 8" round single outlet

48" hoods - 8" round dual outlets, may use AHT10 to transition into a single 10" round exhaust

### CONTROLS

Hood switch will control integrated blowers at 4 speed settings

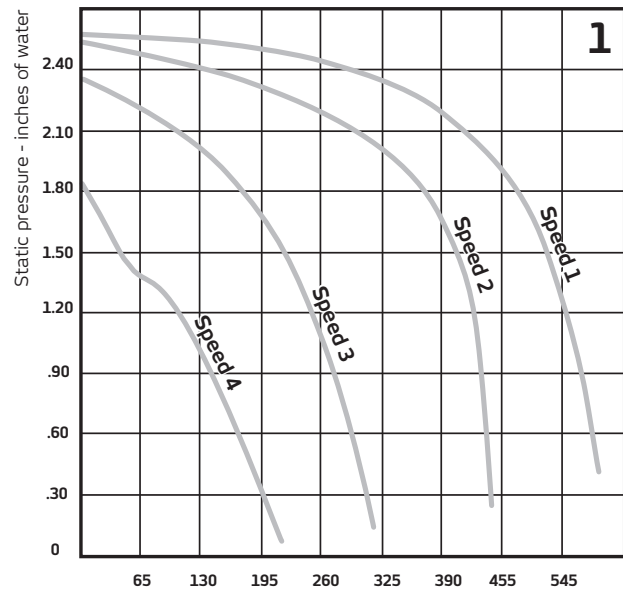
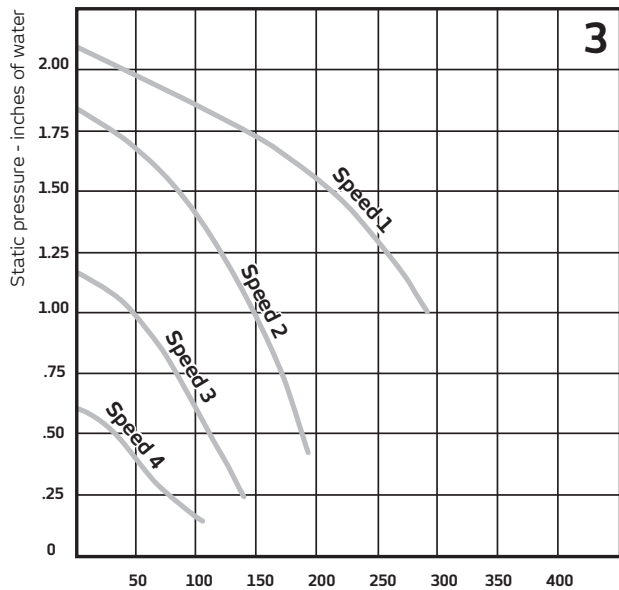
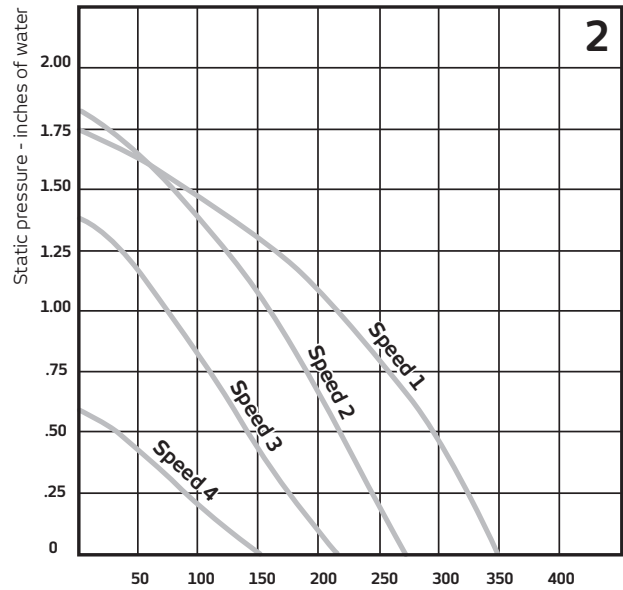
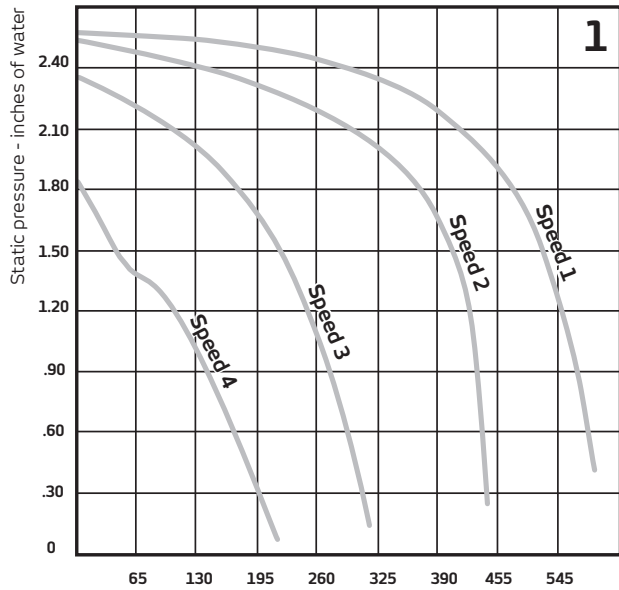
### DUCT COVERS

Available in all standard widths - 6", 12" or 18" heights

# Blower Performance Curves

Ø 146mm 4-speed

# EH and MH Hoods Centrifugal Blower



# Millennia Hoods

## Millennia Island Hoods - DHI602, DHI542, DHI482, DHI421, DHI361



**WIDTHS** 60", 54", 48", 42" & 36"

**FINISH** Stainless Steel

**INTERNAL POWERED**

1200 CFM (1164 at 0.0" static pressure) - DHI602, DHI542, DHI482

600 CFM (582 CFM at 0.0" static pressure) - DHI421, DHI361

**VENTING**

Vents out the top (vertically), 8" round

## Millennia Chimney Hoods - DHW482, DHW421, DHW361, DHW301



**WIDTHS** 48", 42", 36" & 30"

**FINISH** Stainless Steel

**INTERNAL POWERED**

1200 CFM (1164 at 0.0" static pressure) - DHW482-1200 CFM

600 CFM (582 CFM at 0.0" static pressure) - DHW421, DHW361 & DHW301

**VENTING**

Vents out the top (vertically), 8" round

## Millennia Chimney Hoods PHW plus choice of PHG36 or PHG30 Glass



**WIDTHS** 36" & 30"

**FINISHES** PHW is in Stainless and must order the Glass Canopy either PHG36 or PHG30 in 6 Preference Color Options: Anthracite Gray (AG), Titanium Silver (TS), Sterling Grey (SG), Slate Green (GN), Blue Water (BU) and Black (BK) to complete the hood.

**INTERNAL POWERED**

600 CFM (582 CFM at 0.0" static pressure) - PHW + PHG36+ Color Choice

600 CFM (582 CFM at 0.0" static pressure) - PHW + PHG30+ Color Choice

**VENTING**

Vents out the top (vertically), 8" round

# PowerPacks

## IVS1 or IVSR1



### DIMENSIONS

22<sup>5</sup>/<sub>8</sub>" wide, 12<sup>1</sup>/<sub>4</sub>" deep, 6" high

### INTERNAL POWERED – IVS1

600 CFM (582 CFM at 0.0" static pressure)

### EXTERNAL POWERED – IVSR1 (REMOTE BLOWER OPTION - only one blower allowed per installation)

Use REMP3–600 CFM (572 CFM at 0.0" static pressure)

Use ILHSF8–600 CFM (650 CFM at 0.0" static pressure)

### VENTING

Vents out the top (vertically)–8" round

### OPTIONAL STAINLESS STEEL LINERS

IHL36 for 36" Decorative Hoods

IHL30 for 30" Decorative Hoods

## IVS2 or IVSR2



### DIMENSIONS

34<sup>1</sup>/<sub>2</sub>" wide, 12<sup>1</sup>/<sub>4</sub>" deep, 6" high

### INTERNAL POWERED – IVS2

1200 CFM (1164 at 0.0" static pressure)

### EXTERNAL POWERED – IVSR2 (REMOTE BLOWER OPTION - only one blower allowed per installation)

Use REMP16–1000 CFM (980 CFM at 0.0" static pressure)

Use ILHSF10–1100 CFM (1116 CFM at 0.0" static pressure)

### VENTING

Vents out the top (vertically)–(2) 8" round ducts

Use Dacor ATD10 transition to (1) 10" round exhaust

### OPTIONAL STAINLESS STEEL LINERS

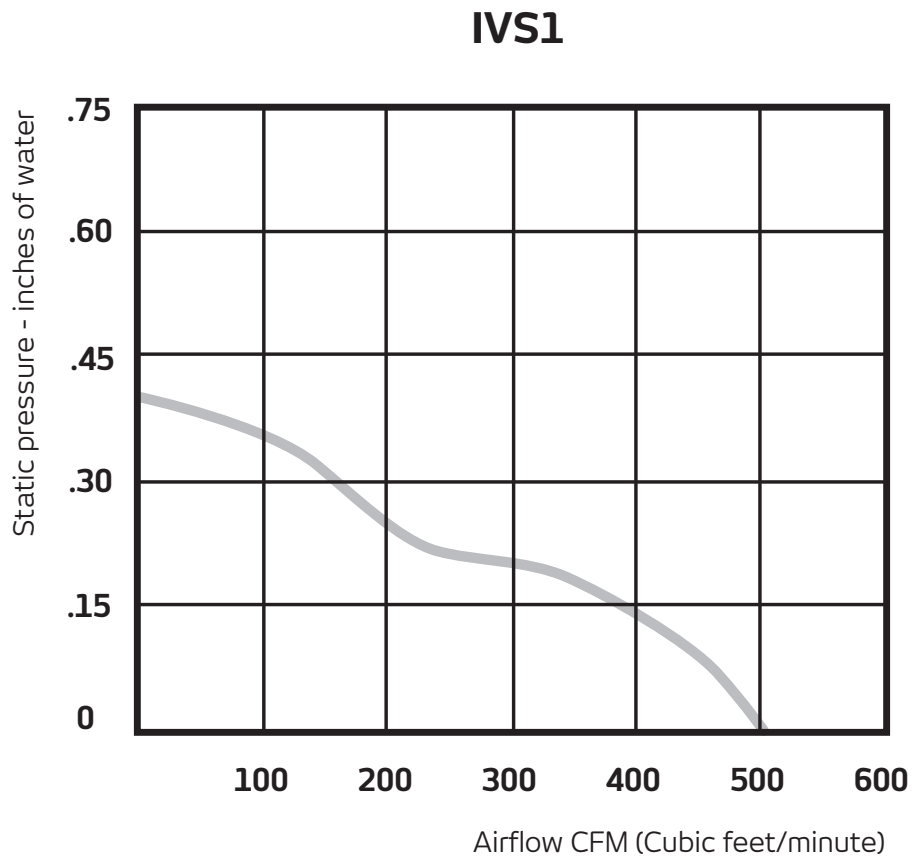
IHL54 for 54" Decorative Hoods

IHL48 for 48" Decorative Hoods

IHL42 for 42" Decorative Hoods

# Blower Performance Curve

# IVS1



# Over the Range Microwaves

## PMOR3021



### FINISHES

Stainless Steel, Black or White

### INTERNAL POWERED

300 CFM

### VENTING

Vents out the top (vertically) or the back (horizontally)  
3<sup>1</sup>/<sub>4</sub>" x 10" rectangle duct

### SPECIAL NOTES

Factory set for NON-VENTED MODE (Recirculating before installation)  
Must turn motor 1/4 turn to change to VENTED

Only "UL" approved Over the Range Microwave/Hood to go over 30" wide gas or electric products.

Must use deflector shield (supplied) and proper mounting height.

## PCOR30 Convection Model



### FINISHES

Stainless Steel, Black or White

### INTERNAL POWERED

300 CFM

### VENTING

Vents out the top (vertically) or the back (horizontally)  
3<sup>1</sup>/<sub>4</sub>" x 10" rectangle duct

### SPECIAL NOTES

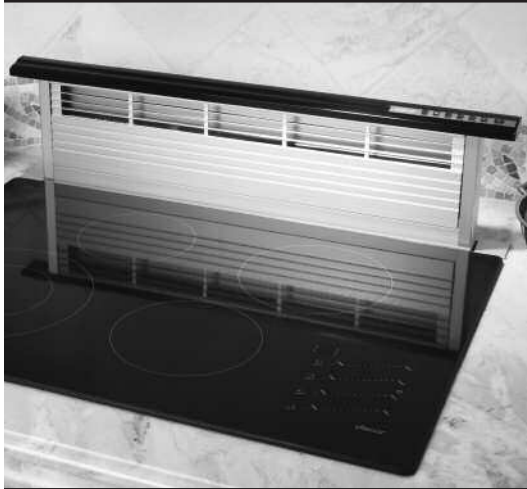
Factory set for NON-VENTED MODE (Recirculating before installation)  
Must turn motor 1/4 turn to change to VENTED

Only "UL" approved Over the Range Microwave/Hood to go over 30" wide gas or electric products.

Must use deflector shield (supplied) and proper mounting height.

# Downdraft Systems

## RV46, RV36, RV30



**SIZES** 46" 36" & 30"

**FINISHES** Stainless Steel, Black or White

**INTERNAL POWERED** Use CABP3 blower - 600 CFM

**EXTERNAL POWERED (REMOTE BLOWER OPTION - only one blower allowed per installation)**

REMP3-600 CFM, 8" round duct (572 CFM at 0.0" static pressure)  
REMP16-1000 CFM, 10" round duct (980 CFM at 0.0" static pressure)

ILHSF8-600 CFM (650 CFM at 0.0" static pressure), 8" round duct

ILHSF10-1100 CFM (1116 CFM at 0.0" static pressure), 10" round duct

### VENTING

Three options: right or left sides, or bottom

**SPECIAL NOTES** See pages 12, 13 and 16 for selection of products to match this downdraft system.

## ERV30/36/48, ERV36-ER, ERV48-ER



**SIZES** 48" 36" & 30"

**FINISHES** Stainless Steel only

**EXTERNAL POWERED (REMOTE BLOWER OPTION - only one blower allowed per installation)**

REMP3-600 CFM, 8" round duct (572 CFM at 0.0" static pressure)  
REMP16-1000 CFM, 10" round duct (980 CFM at 0.0" static pressure)

ILHSF8-600 CFM (650 CFM at 0.0" static pressure), 8" round duct

ILHSF10-1100 CFM (1116 CFM at 0.0" static pressure), 10" round duct

### VENTING

Transition ATD-2 included

Four optional exhaust directions: right or left sides, bottom or back

**SPECIAL NOTES** See pages 12, 13 and 16 for selection of products to match this downdraft system.

ERV48-ER is designed for ER48D Range only

ERV36-ER is designed for ER36D Range only

## PRV46, PRV36, PRV30



**SIZES** 46" 36" & 30"

**FINISHES** Stainless Steel, Black or White

**EXTERNAL POWERED (REMOTE BLOWER OPTION - only one blower allowed per installation)**

REMP3-600 CFM, 8" round duct (572 CFM at 0.0" static pressure)  
REMP16-1000 CFM, 10" round duct (980 CFM at 0.0" static pressure)

ILHSF8-600 CFM (650 CFM at 0.0" static pressure), 8" round duct

ILHSF10-1100 CFM (1116 CFM at 0.0" static pressure), 10" round duct

### VENTING

Transition ATD-2 included

Four optional exhaust directions: right or left sides, bottom or back

**SPECIAL NOTES** See pages 12, 13 and 16 for selection of products to match this downdraft system.

# Accessories

## Remote Blower



**REMP3** (shown) - 600 CFM

**REMP16** - 1,000 CFM

**APPLICATIONS:**

Use with EHR, IVSR,  
RV, ERV or PRV  
systems

## Internal Blower



**CABP3** - 600 CFM

**APPLICATIONS:**

Install with **RV**  
model downdrafts  
only

## Stainless Steel Liners for PowerPacks



**SIZES**

Available in five widths:  
54", 48", 42", 36" & 30"

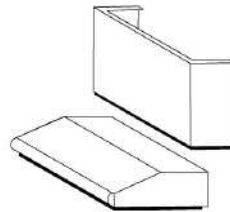
**IHL36 & IHL30**

Use with IVS1 & IVSR1

**IHL54, IHL48 & IHL42**

Use with IVS2 & IVSR2

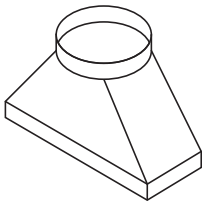
## Stainless Steel Duct Covers



**SIZES**

Available in five widths:  
54", 48", 42", 36" &  
30" All widths available  
in three heights:  
6", 12" & 18"

## Transition Duct



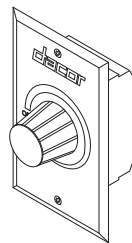
**ATD10**

Use with all IVS2 &  
IVSR2.

Use with EHD, EHDR4809,  
EHDR4209 & MHD4809.

Used to connect dual  
exhaust into a  
single 10" round exhaust.

## Remote Control Speed Switch



**ARSC**

Install as remote control for  
all blower systems except  
EH/EHR/MH Hoods

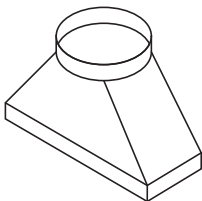
**ARLC**

To control lights except  
EH/EHR/MH Hoods

**ARSLC**

To control both blower &  
lights except EH/EHR/MH  
Hoods

## Transition Duct



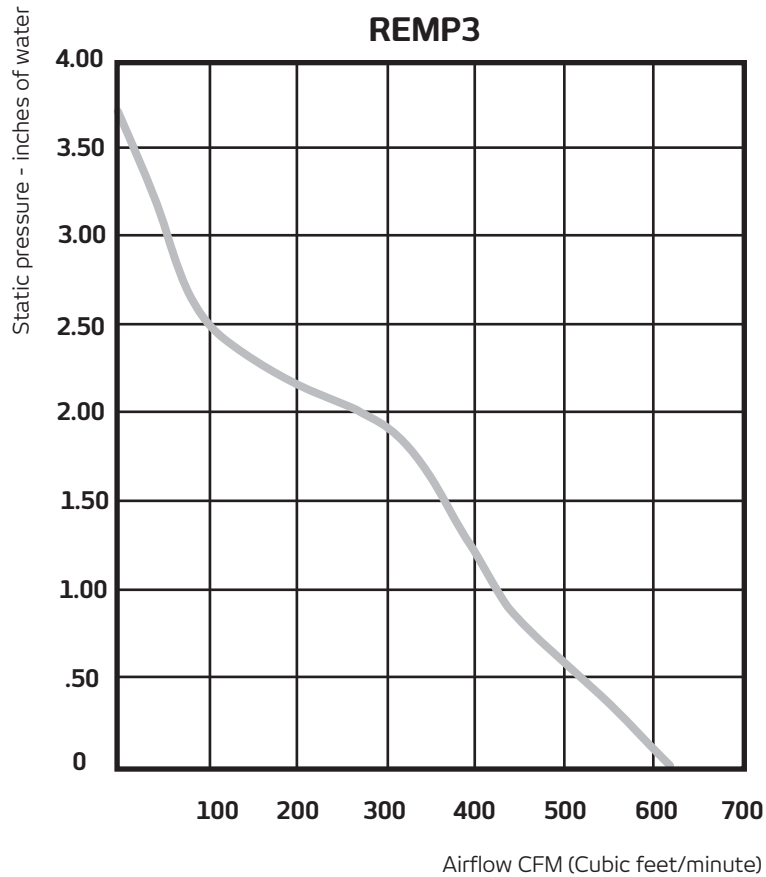
**AHT10**

Use with EH5418, EHR5418,  
EH4818, EHR4818, EH4812,  
EHR4812, MH4818, & MH4812.

Used to connect dual  
exhaust into a  
single 10" round exhaust.

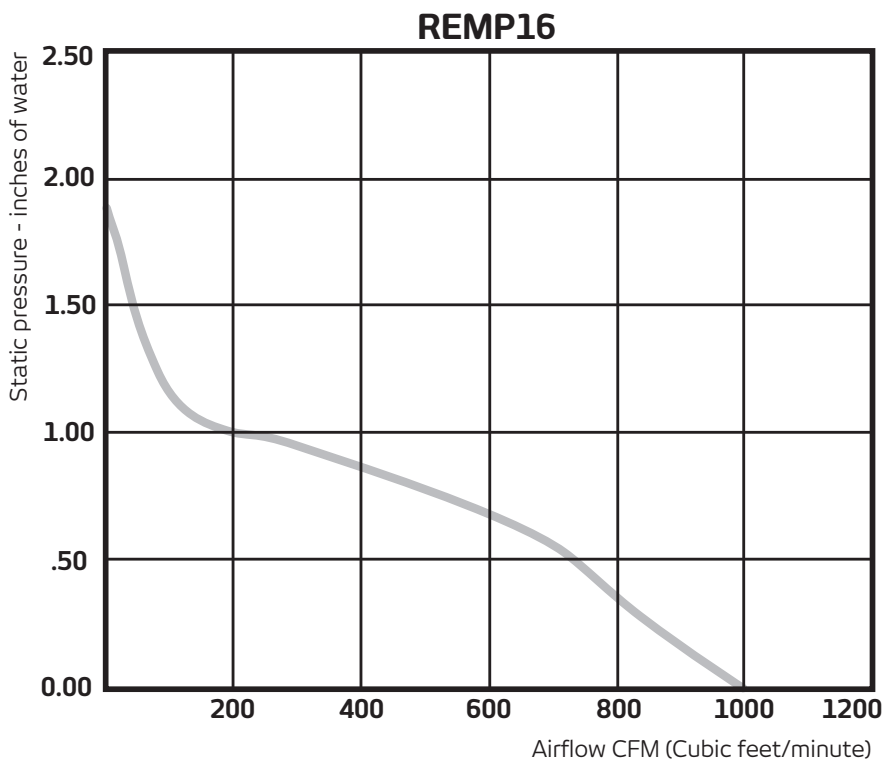
# Blower Performance Curve

# REMP3



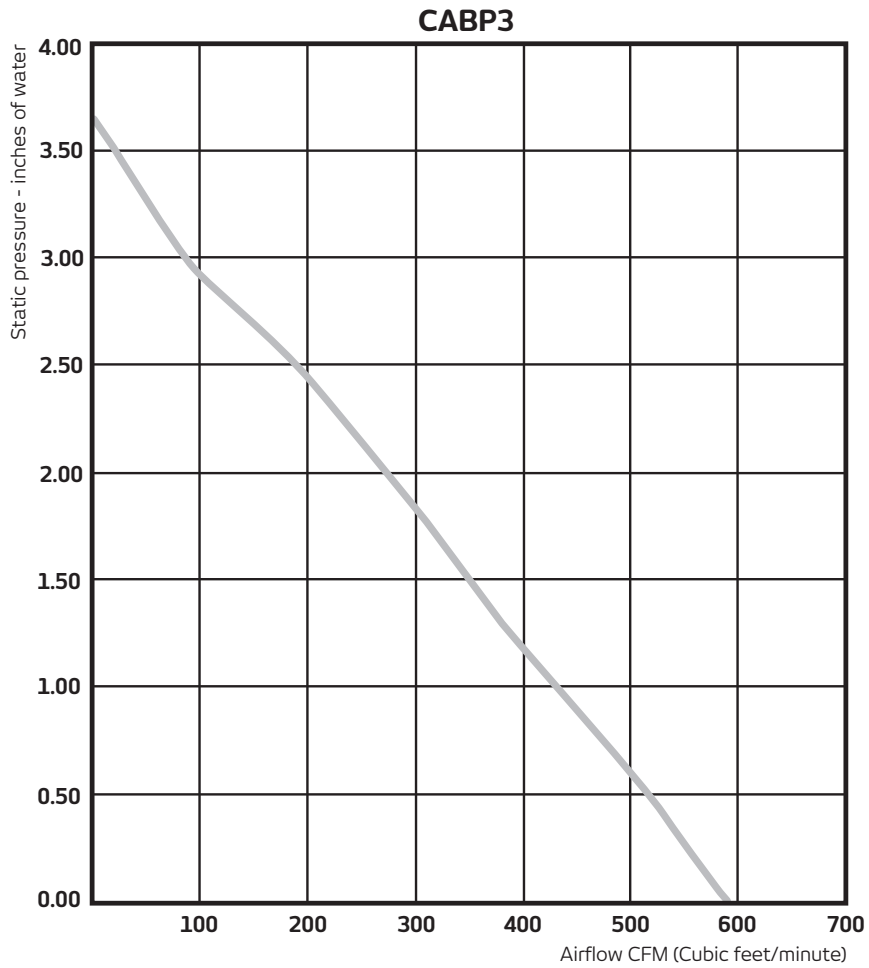
# Blower Performance Curve

# REMP16



# Blower Performance Curve

# CABP3



# In-Line Blowers

## ILHSF8

**POWER**

600 CFM (650 CFM at 0.0" static pressure)

**VENTING**

8" round duct

**APPLICATIONS**

In-line Blower for a remote application

**MAKE-UP OR REPLACEMENT AIR SYSTEM**

Have your builder contact their HVAC contractor to see if this is required in your area.

## ILHSF10

**POWER**

1100 CFM (1116 CFM at 0.0" static pressure)

**VENTING**

10" round duct

**APPLICATIONS**







In-line Blower for a remote application

**MAKE-UP OR REPLACEMENT AIR SYSTEM**

Have your builder contact their HVAC contractor to see if this is required in your area.






# Creating the Proper Ventilation System 1

## Select Cooking Product

COOKING PRODUCT	MODEL	HOOD	INTEGRATED VENT SYSTEM	OVER THE RANGE (OTC)	RAISED VENT SYSTEM
	<b>ER48D</b>	EH5418 or EHR5418 EH4818 or EHR4818 EH4812 or EHR4812 MH4818, MH4812 DHI542, DHI482, DHW482	IVS2 or IVSR2 Plus IHL54 or IHL48	NA	ERV48-ER (must use remote blower)
	<b>ER36D</b>	EH4218 or EHR4218 EH4212 or EHR4212 EH3618 or EHR3618 EH3612 or EHR3612 MH3618, MH3612 DHI421, DHI361 DHW421, DHW361 PHW+PHG36+Color	IVS2 or IVSR2 + IHL42 IVS1 or IVSR1 + IHL36	NA	ERV36-ER (must use remote blower)
	<b>ER30DSR</b> <b>ER30D</b> <b>ERD30</b> <b>EGR30</b>	EH3618 or EHR3618 EH3612 or EHR3612 EH3018 or EHR3018 EH3012 or EHR3012 MH3618 or MH3018 MH3612 or MH3012 DHI361 DHW361, DHW301 PHW+PHG36+Color PHW+PHG30+Color	IVS1 or IVSR1 + IHL36 IVS1 or IVSR1 + IHL30	PCOR30 or PMOR3021 with ILHSF8 and ARSC (with deflector shield)	ERV30 with ERD30, ER30DSR (EGR30 not approved for use with downdraft) (must use remote blower)
	<b>ESG486</b> <b>EG486</b>	EH5418 or EHR5418 EH4818 or EHR4818 EH4812 or EHR4812 MH4818, MH4812 DHI542, DHI482, DHW482	IVS2 or IVSR2 Plus IHL54 or IHL48	NA	ERV48 (must use remote blower)
	<b>ESG366</b> <b>EG366</b>	EH4218 or EHR4218 EH4212 or EHR4212 EH3618 or EHR3618 EH3612 or EHR3612 MH3618, MH3612 DHI421, DHI361, DHW421, DHW361	IVS2 or IVSR2 + IHL42 IVS1 or IVSR1 + IHL36	NA	ERV36 (must use remote blower)
	<b>SGM466</b>	EH4818 or EHR4818 EH4812 or EHR4812 MH4818, MH4812 DHI482, DHW482	IVS2 or IVSR2 Plus IHL54 or IHL48	NA	RV46 (CABP3 or remote blower)  PRV46 (must use remote blower)





# Creating the Proper Ventilation System 2

## Selecting Cooking Product

COOKING PRODUCT	MODEL	HOOD	INTEGRATED VENT SYSTEM	OVER THE RANGE (OTR)	RAISED VENT SYSTEM
	<b>RGC365 SGM365</b>	EH4218 or EHR4218 EH4212 or EHR4212 EH3618 or EHR3618 EH3612 or EHR3612 MH3618 or MH3612 DHI421 or DHI361 DHW421 or DHW361 PHW+PHG36+Color	IVS2 or IVSR2 + IHL42 IVS1 or IVSR1 + IHL36	NA	ERV36 or RV36 (with appropriate remote blower)  PRV36 (must use remote blower)
	<b>RGC304 SGM304</b>	EH3618 or EHR3618 EH3612 or EHR3612 EH3018 or EHR3018 EH3012 or EHR3012 MH3618 or MH3612 MH3018 or MH3012 DHI361 DHW361 or DHW301 PHW+PHG36+Color PHW+PHG30+Color	IVS1 or IVSR1 + IHL36 or IHL30	PCOR30 or PMOR3021 (add ILHSF8 & ARSC if you want 600 CFM)	ERV30 or RV30 (with appropriate blower)  PRV30 (must use remote blower)
	<b>METB365-1 ETT365-2</b>	EH4218 or EHR4218 EH4212 or EHR4212 EH3618 or EHR3618 EH3612 or EHR3612 MH3618 or MH3612 DHI421 or DHI361 DHW421 or DHW361 PHW+PHG36+Color	IVS2 or IVSR2 + IHL42 IVS1 or IVSR1 + IHL36	NA	ERV36 or RV36 (with appropriate blower)  PRV36 (must use remote blower)
	<b>MET304 ETT304-1</b>	EH3618 or EHR3618 EH3612 or EHR3612 EH3018 or EHR3018 EH3012 or EHR3012 MH3618 or MH3612 MH3018 or MH3012 DHI361 DHW361 or DHW301 PHW+PHG36+Color PHW+PHG30+Color	IVS1 or IVSR1+ IHL36 or IHL30	PCOR30 or PMOR3021 (add ILHSF8 & ARSC if you want 600 CFM)	ERV30 or RV30 (with appropriate blower)  PRV30 (must use remote blower)
	<b>MRES30S</b>	EH3618 or EHR3618 EH3612 or EHR3612 EH3018 or EHR3018 EH3012 or EHR3012 MH3618 or MH3612 MH3018 or MH3012 DHI361 DHW361 or DHW301 PHW+PHG36+Color PHW+PHG30+Color	IVS1 or IVSR1+ IHL36 or IHL30	PCOR30 or PMOR3021 (add ILHSF8 & ARSC if you want 600 CFM)	ERV30 (must use remote blower)  PRV30 (must use remote blower)






# Creating the Proper Ventilation System 3

## Build the Ventilation Package

<b>STEP: 1</b>		<b>2</b>		<b>3</b>	<b>4</b>	<b>5</b>	
Select Vent System/Model		Select Blower		Duct Size Needed (minimum)	Max Length for 1 Blower System	Determine Duct Length Incl. Elbows & Trans.	
VENT SYSTEMS	MODEL	INTERNAL POWER	REMOTE POWER	DUCT SIZE	MAX LENGTH	DUCT LENGTH	COMMENTS
 18" Pro Hood Internal Blower	<b>EH4218</b> <b>EH3618</b> <b>EH3018</b>	Included 600 CFM (582 at 0.0" static pressure)	NA	(one) 8" round	60'		
	<b>EH5418</b> <b>EH4818</b>	Included 1200 CFM (1164 at 0.0" static pressure)	NA	(two) 8" round AHT10 may be used to transition to a single 10" duct exhaust	50' for 10" 60' for 8"		Ask builder about make-up air
 18" Pro Hood External Blower	<b>EHR4218</b> <b>EHR3618</b> <b>EHR3018</b>	NA	REMP3 REMP16 ILHSF8 ILHSF10	(one) 8" round	60'		Only one blower is allowed
	<b>EHR5418</b> <b>EHR4818</b>	NA	REMP16 or ILHSF10	(two) 8" round AHT10 may be used to transition to a single 10" duct exhaust	50' for 10" 60' for 8"		Ask builder about make-up air. Only one blower is allowed.
 12" Pro Hood Internal Blower	<b>EH4212</b> <b>EH3612</b> <b>EH3012</b>	Included 600 CFM (582 at 0.0" static pressure)	NA	(one) 8" round	60'		
	<b>EH4812</b>	Included 1200 CFM (1164 at 0.0" static pressure)	NA	(two) 8" round AHT10 may be used to transition to a single 10" duct exhaust	50' for 10" 60' for 8"		Ask builder about make-up air
 12" Pro Hood External Blower	<b>EHR4212</b> <b>EHR3612</b> <b>EHR3012</b>	NA	REMP3 REMP16 ILHSF8 ILHSF10	(one) 8" round	60'		Only one blower is allowed
	<b>EHR4812</b>	NA	REMP16 ILHSF10	(two) 8" round AHT10 may be used to transition to a single 10" duct exhaust	50' for 10" 60' for 8"		Ask builder about make-up air. Only one blower is allowed.






# Creating the Proper Ventilation System 4

## Build the Ventilation Package

1		2		3	4	5	
Select Vent System/Model		Select Blower		Duct Size Needed (minimum)	Max Length for 1 Blower System	Determine Duct Length Incl. Elbows & Trans.	
VENT SYSTEMS	MODEL	INTERNAL POWER	REMOTE POWER	DUCT SIZE	MAX LENGTH	DUCT LENGTH	COMMENTS
	<b>MH3618</b> <b>MH3018</b>	Included 600 CFM (582 at 0.0" static pressure)	NA	(one) 8" round	60'		
18" Millennia Wall Mounted Hood	<b>MH4818</b>	Included 1200 CFM (1164 at 0.0" static pressure)	NA	(two) 8" round AHT10 may be used to transition to a single 10" exhaust	50' for 10" 60' for 8"		Ask builder about make-up air
	<b>MH3612</b> <b>MH3012</b>	Included 600 CFM (582 at 0.0" static pressure)	NA	(one) 8" round	60'		
12" Millennia Wall Mounted Hood	<b>MH4812</b>	Included 1200 CFM (1164 at 0.0" static pressure)	NA	(two) 8" round AHT10 may be used to transition to a single 10" exhaust	50' for 10" 60' for 8"		Ask builder about make-up air
	<b>DHI602</b> <b>DHI542</b> <b>DHI482</b>	Included 1200 CFM (1164 at 0.0" static pressure)	NA	8" round	50'		
Millennia Island Hood	<b>DHI421</b> <b>DHI361</b>	Included 600 CFM (582 at 0.0" static pressure)	NA	8" round	60'		
	<b>DHW482</b>	Included 1200 CFM (1164 at 0.0" static pressure)	NA	8" round			
Millennia Chimney Hood	<b>DHW421</b> <b>DHW361</b> <b>DHW301</b>	Included 600 CFM (582 at 0.0" static pressure)	NA	8" round			
	<b>PHW + PHG36 OR PHG30</b> (colored glass)	Included 600 CFM (582 at 0.0" static pressure)	NA	8" round	50'		
Preference Hood							

# Creating the Proper Ventilation System 5

## Build the Ventilation Package

<b>STEP: 1</b>		<b>2</b>		<b>3</b>		<b>4</b>	<b>5</b>	<b>6</b>	
Select Vent System/Model		Select Blower		Select Liner & Transition		Duct Size Needed (minimum)	Max Length for 1 Blower System	Determine Duct Length Incl. Elbows & Trans.	
VENT SYSTEMS	MODEL	INTERNAL POWER	REMOTE POWER	LINER	TRANSITION	DUCT SIZE	MAX LENGTH	DUCT LENGTH	COMMENTS
 <p>PowerPacks Internal &amp; External</p>	<b>IVS1</b>	Included 600 CFM (582 at 0.0" static pressure)	NA	IHL36 or IHL30	NA	8" round	60'		Ask builder about make-up air
	<b>IVS2</b>	Included 1200 CFM (1164 at 0.0" static pressure)	NA	IHL54, IHL48 IHL42 or IHL40	ATD10	10" round	50'		
	<b>IVSR1</b>	NA	REMP3 ILHSF8	IHL36 or IHL30	NA	8" round	60'		
	<b>IVSR2</b>	NA	REMP16 ILHSF10	IHL54, IHL48 IHL42 or IHL40	ATD10	10" round	50'		Ask builder about make-up air
 <p>Over the Range Microwaves</p>	<b>PMOR3021 PCOR30</b>	Included 300 CFM	ILHSF8 & ARSC (if used with ERD30, ER30D, ER30DSR or EGR30)	NA	NA	3 1/4" x 10" rectangle	40'		Remove internal blower if using the ILHSF8 & ARSC combination
 <p>Downdraft RV</p>	<b>RV30</b>	CABP3	REMP3 REMP16 ILHSF8 ILHSF10	NA	NA	3 1/4" x 10" rectangle	40'		Ask builder about make-up air if unit is over 1000 CFM
 <p>Downdraft ERV</p>	<b>ERV48 ERV36 ERV30 ERV48-ER ERV36-ER</b>	NA	REMP3 REMP16 ILHSF8 ILHSF10	NA	NA	3 1/4" x 10" rectangle	40'		Ask builder about make-up air if unit is over 1000 CFM
 <p>Downdraft PRV</p>	<b>PRV46 PRV36 PRV30</b>	NA	REMP3 REMP16 ILHSF8 ILHSF10	NA	NA	3 1/4" x 10" rectangle	40'		Ask builder about make-up air if unit is over 1000 CFM

# Ventilation Solutions