

# FLEXIBILITY FOR



# NEW CONSTRUCTION AND

INVENT SERIES FANS WITH TRUESEAL™ DAMPER TECHNOLOGY CAN SAVE UP TO 1 HERS POINT AND UP TO \$9 PER YEAR IN OPERATING COSTS\*.

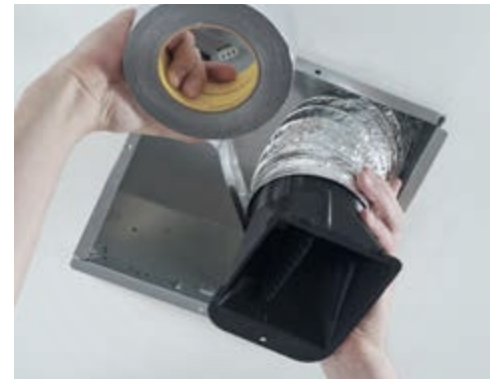
FoldAway™ Mounting Ears are precisely positioned for new construction and fold flat for room-side retrofits. Every installation can be handled more efficiently.



With our TrueSeal™ Damper Technology, InVent fans reduce air leakage by up to 50% compared to competitive models<sup>1</sup>; resulting in better home performance via blower door tests.



EzDuct™ Connector enables room-side installation without attic access. Attach the housing, pull the duct through, attach the EzDuct™ Connector and reset it with one screw.



\*Compared to competitive fans; based on software calculations and analysis conducted by Broan-NuTone Testing reflects total fan housing air tightness. <sup>1</sup>See Broan.com/InVent for details



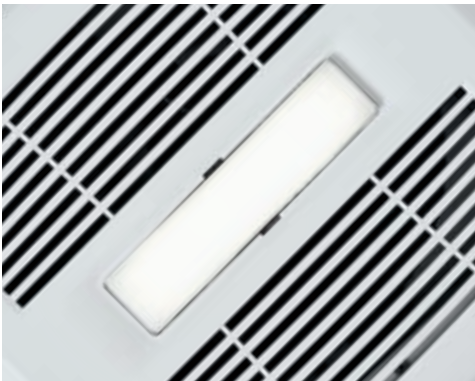
# ROOM-SIDE RETROFIT FROM ONE FAN.

## VERSATILE INSTALLATION. AIRTIGHT PERFORMANCE. LED LIGHTING.

InVent Series gives professionals smart options for new construction or room-side retrofits in one, hard-working product line. InVent is about innovations such as FoldAway™ mounting ears and TrueSeal™ Damper Technology that improves building airtightness like never before. With fresh grille designs and a full range of operating points, there's an InVent Series solution for every installation.

## InVent™ SERIES

LED Lighting offers greater energy efficiency and longevity, and adds a unique design detail to this hard-working fan. 11 watt, 800 Lumens integrated LED module lasts up to 25,000 hours.



**INVENT FAN & FAN/LIGHT FEATURES**

**AE50, AE80, AE110, AE80B, A80, A80HD, A110**

- FoldAway™ mounting ears allow for easy installation in both new construction and room-side replacement
- New TrueSeal™ damper technology forms a tighter seal to reduce backdrafts

- EzDuct™ Connector allows room-side installation with no attic access required
- Effective ventilation clears humidity and odors
- Attractive grille styling

**AE80L, AE80BL, AE110L**

- LED Fan/Light with 11 watt, 800 Lumens, 3000K, 80 CRI integrated module
- LED lasts up to 25,000 hours for maintenance-free convenience

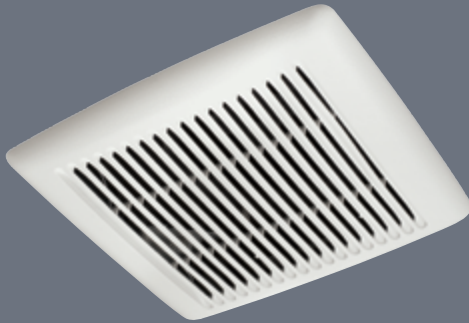
**A50L, A70L, A80L, A110L**

- Incandescent Fan/Light with A19 Base (bulb not included)

AE50 | A80 | AE80 | AE80B | A110 | AE110

AE80L | AE80BL | AE110L

A50L | A70L | A80L | A110L



**INVENT Fan Models**

Model	CFM	Sones	ENERGY STAR®
A80	80	2.0	No
A80HD*	80	2.0	No
A110	110	3.0	No
AE50	50	0.5	Yes
AE80	80	0.8	Yes
AE80B	80	1.5	Yes
AE110	110	1.3	Yes

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates



\*Metal Grille

**INVENT Fan/Light Models**

Model	CFM	Sones	Lighting	ENERGY STAR®
A50L	50	1.5	A19 Base**	No
A70L	70	2.0	A19 Base**	No
A80L	80	1.0	A19 Base**	No
A110L	110	1.3	A19 Base**	No
AE80BL	80	1.5	LED	Yes
AE80L	80	0.8	LED	Yes
AE110L	110	1.3	LED	Yes

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates



\*\*Bulb Not Included

## INVENT Fans and Fan/Lights

Model	Page	CFM	Sones, HVI-Certified	Baths up to ( ) Sq Ft	Lighting Watts Main/ Night Light	ENERGY STAR®	Fluorescent Lighting	Duct Size"	Housing Dims			Grille Dims		Grille Finish	Amps
									L"	W"	H"	L"	W"		
AE80	26	80	0.8	75	—	Yes	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12	White Polymeric	0.3
AE110	26	110	1.3	105	—	Yes	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12	White Polymeric	0.3
AE80B	26	80	1.5	75	—	Yes	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12	White Polymeric	0.3
AE50	26	50	0.5	45	—	Yes	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12	White Polymeric	0.2
A80HD*	26	80	2.0	75	—	No	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11	12	White Painted Metal	0.37
A80	26	80	2.0	75	—	No	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12	White Polymeric	0.37
A110	26	110	3.0	105	—	No	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12	White Polymeric	0.4
A80L**	26	80	1.0	75	A19 Base	No	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>8</sub>	White Polymeric	1.2
A110L**	26	110	1.3	105	A19 Base	No	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>8</sub>	White Polymeric	1.2
A50L**	26	50	1.5	45	A19 Base	No	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>8</sub>	White Polymeric	1.0
A70L**	26	70	2.0	65	A19 Base	No	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>8</sub>	White Polymeric	1.2
AE80BL	26	80	1.5	75	LED	Yes	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>2</sub>	White Polymeric	0.3
AE80L	26	80	0.8	75	LED	Yes	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>2</sub>	White Polymeric	0.3
AE110L	26	110	1.3	105	LED	Yes	—	4	9 <sup>3</sup> / <sub>4</sub>	10	5 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>2</sub>	White Polymeric	0.3

\*Metal grille. \*\*Bulb not included.

## Fans

Model	Page	CFM	Sones, HVI-Certified	Baths up to ( ) Sq Ft	ENERGY STAR®	Duct Size"	Housing Dims			Grille Dims		Grille Finish	Amps
							L"	W"	H"	L"	W"		
670	30	50	3.5	45	—	3	7 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub>	9	9 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.8
671	30	70	6.0	65	—	3	7 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub>	9	9 <sup>3</sup> / <sub>4</sub>	White Polymeric	1.2
682	31	—	—	—	—	Duct-free	7 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	White Polymeric	1.0
688	30	50	4.0	45	—	3	7 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub>	9	9 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.9
689	30	60	5.5	55	—	3	7 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub>	9	9 <sup>3</sup> / <sub>4</sub>	White Polymeric	1.5
690**	31	60	3.0	55	—	—	—	—	—	9 <sup>5</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>8</sub>	White Polymeric	1.5
LP80	29	80	1.0	75	Yes	4 / 3	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	4	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.3
SPK110	37	110	1.0	75	Yes	4	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>4</sub>	13	14	White Polymeric	0.9
SSQTXE080	23	80	—	—	Yes	—	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>4</sub>	—	—	—	—
SSQTXE110	23	110	—	—	Yes	—	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>4</sub>	—	—	—	—
QTXE080	18	80	0.3	75	Yes	6	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	13	14	White Polymeric	0.4
QTXE110	18	110	0.7	100	Yes	6	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	13	14	White Polymeric	0.3
QTXE110S	20	110	0.7	100	Yes	6	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	12 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.3
QTXE150	18	150	1.4	140	Yes	6	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	13	14	White Polymeric	0.5
QTRE100S	20	100	1.5	90	Yes	4	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	12 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.3
RB80	15	80	<0.3	75	Yes	4	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.3
RB110	15	110	0.6	100	Yes	4	11 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.3
XB50	13	50	<0.3	45	Yes	6 / 4	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.1
XB80	13	80	<0.3*	75	Yes	6 / 4	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.1
XB110	13	110	<0.3	100	Yes	6	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.2
XB110H	13	110	<0.3	100	Yes	6	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	14	White Polymeric	0.2
ZB80	13	80	<0.3*	75	Yes	6 / 4	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.1
ZB80M	13	80	<0.3*	75	Yes	6 / 4	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	14	White Polymeric	0.1
ZB110	13	110	<0.3	100	Yes	6	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13	13 <sup>3</sup> / <sub>4</sub>	White Polymeric	0.2
ZB110H	13	110	<0.3	100	Yes	6	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	14	White Polymeric	0.2
ZB110M	13	110	<0.3	100	Yes	6	10 <sup>1</sup> / <sub>2</sub>	11 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	14	White Polymeric	0.2

Radiation Dampers can be found on page 11, 19, 22, 27, 29 and 72

\*With 6" duct (with 4" duct 0.3)

\*\*Replacement grille and motor kit