

## ULTRA™ Series Fan and Fan/Light Features

- HVI certified at <0.3 Sones, ULTRA Silent™ Sound Technology provides the quietest sound rating obtainable
- 50, 80 or 110 CFM
- Intermittent and continuous ventilation
- ULTRA Smart™ Control Technology monitors performance and adjusts motor speed to ensure rated air movement
- Energy Star® qualified with ULTRA Green™ DC Motor Technology
- ULTRA Quick™ Installation Technology saves time with the fastest, easiest, most universal installation
- XB and ZB models feature 6" ducting—50 and 80 CFM models include an optional 6" to 4" duct reducer
- Bright, energy efficient 36-watt fluorescent lighting
- UL Listed for use over bathtub or shower when connected to a GFCI protected branch circuit
- Type IC
- Fits 2" x 8" ceiling construction
- Optional RDFI Premium Radiation Damper Kit available for models ZB110, ZB80, XB110, XB80 & XB50

Model	CFM	Sones	Light/ Night Light	Humidity Sensing	Motion Sensing	Ducting	ENERGY STAR®
<b>Single-speed Fans</b>							
XB50	50	<0.3	—	—	—	6"	Yes
	50	<0.3	—	—	—	6" to 4" reducer	
XB80	80	<0.3	—	—	—	6"	Yes
	80	0.3	—	—	—	6" to 4" reducer	
XB110	110	<0.3	—	—	—	6"	Yes
XB110H	110	<0.3	—	Yes	—	6"	Yes
<b>Single-speed Fan/Lights</b>							
XB50L	50	<0.3	2-18W GU24 / 4W	—	—	6"	Yes
	50	<0.3					
XB80L	80	<0.3	2-18W GU24 / 4W	—	—	6"	Yes
	80	0.3					
XB110L	110	<0.3	2-18W GU24 / 4W	—	—	6"	Yes
XB110HL	110	<0.3	2-18W GU24 / 4W	Yes	—	6"	Yes
<b>Multi-speed Fans</b>							
ZB80	80	<0.3	—	—	—	6"	Yes
	80	0.3					
ZB80M	80	<0.3	—	—	Yes	6"	Yes
	80	0.3					
ZB110	110	<0.3	—	—	—	6"	Yes
ZB110H	110	<0.3	—	Yes	—	6"	Yes
ZB110M	110	<0.3	—	—	Yes	6"	Yes
<b>Multi-speed Fan/Lights</b>							
ZB80L	80	<0.3	2-18W GU24 / 4W	—	—	6"	Yes
	80	0.3					
ZB80ML	80	<0.3	2-18W GU24 / 4W	—	Yes	6"	Yes
	80	0.3					
ZB110L	110	<0.3	2-18W GU24 / 4W	—	—	6"	Yes
ZB110HL	110	<0.3	2-18W GU24 / 4W	Yes	—	6"	Yes
ZB110ML	110	<0.3	2-18W GU24 / 4W	—	Yes	6"	Yes



ENERGY STAR® fans use 65% less energy, on average, than standard models and may qualify for local utility rebates.  
▲ See page 54 for 6" ducting (DT6W) product specifications.



<sup>1</sup>Bulb included

### RDF1 Premium Radiation Damper

When the air temperature passing through the damper exceeds 165°F the fusible link melts, triggering the thermal fabric to automatically close across the damper. Airflow is interrupted by a flame and heat barrier, preventing the rapid spread of fire to other areas.

- Galvanized steel frame
- High temperature, non-asbestos, reinforced fiber thermal fabric
- Stainless steel closure springs
- 165°F fusible link
- Use the same grille provided with the ULTRA™ Series fan
- For use with models ZB110, ZB80, XB110, XB80 and XB50

Also works with LoProfile fan LP80.



# Specifications

## 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"		
80RDF**	30	80	2.5	75	—	4	8	8¼	5¼	10¼	10¼	White Acrylic Metal	0.6
110RDF**	30	110	4.0	105	—	4	8	8¼	5¼	10¼	10¼	White Acrylic Metal	0.6
670	29	50	3.5	45	—	3	7¼	7½	3%	9	9¼	White Polymeric	0.8
671	29	70	6.0	65	—	3	7¼	7½	3%	9	9¼	White Polymeric	1.2
676	29	110	4.0	100	—	4	8	8¼	5%	10%	11%	White Polymeric	1.3
682	31	—	—	—	—	Duct-free	7%	7%	3%	8%	8%	White Polymeric	1.0
684	29	80	2.5	75	—	4	8	8¼	5%	10%	11%	White Polymeric	0.5
688	29	50	4.0	45	—	3	7¼	7½	3%	9	9¼	White Polymeric	0.9
689	29	60	5.5	55	—	3	7¼	7½	3%	9	9¼	White Polymeric	1.5
690*	31	60	3.0	55	—	—	—	—	—	9%	11%	White Polymeric	1.5
770	28	50	1.5	45	Yes	4	8	8¼	5%	10%	11%	White Polymeric	0.2
784	28	80	2.0	75	Yes	4	8	8¼	5%	10%	11%	White Polymeric	0.5
HD50	30	50	1.5	45	Yes	4	8	8¼	5%	10%	10%	White Painted Metal	0.4
HD50RDF**	30	50	1.5	45	Yes	4	8	8¼	5¼	10¼	10¼	White Acrylic Metal	0.4
HD80	30	80	2.5	75	—	4	8	8¼	5%	10%	10%	White Painted Metal	0.6
HD80RDF**	30	80	2.5	75	—	4	8	8¼	5¼	10¼	10¼	White Acrylic Metal	0.6
LP80	28	80	1.1	75	Yes	4 / 3	11%	10%	4	13	14	White Polymeric	0.3
SSQTXE080	24	80	—	—	Yes	—	11%	10%	7¼	—	—	—	—
SSQTXE110	24	110	—	—	Yes	—	11%	10%	7¼	—	—	—	—
QTXE050	20	50	<0.3	45	Yes	6	11%	10½	7%	13	14	White Polymeric	0.3
QTXE080	20	80	0.3	75	Yes	6	11%	10½	7%	13	14	White Polymeric	0.4
QTXE110	20	110	0.7	100	Yes	6	11%	10½	7%	13	14	White Polymeric	0.3
QTXE110S	22	110	0.7	100	Yes	6	11%	10½	7%	12%	13¾	White Polymeric	0.3
QTXE150	20	150	1.4	140	Yes	6	11%	10½	7%	13	14	White Polymeric	0.5
QTRE100S	22	100	1.5	90	Yes	4	11%	10½	7%	12%	13¾	White Polymeric	0.3
QTRE080	20	80	0.8	75	Yes	4	11%	10%	7%	13	14	White Polymeric	0.4
QTRE080C2S	20	80/40	0.8/<0.3	75	Yes	4	11%	10%	7%	13	14	White Polymeric	0.3
QTRE080R	23	80	0.8	75	Yes	4	11%	10%	7%	13	14	White Polymeric	0.3
QTRE110	20	110	1.3	100	Yes	4	11%	10%	7%	13	14	White Polymeric	0.3
QTR080	20	80	1.0	75	—	4	11%	10%	7%	13	14	White Polymeric	0.7
QTR110	20	110	1.5	100	—	4	11%	10%	7%	13	14	White Polymeric	0.9
XB50	17	50	<0.3	45	Yes	6 / 4	10%	11%	7%	13	14	White Polymeric	0.1
XB80	17	80	<0.3	75	Yes	6 / 4	10%	11%	7%	13	14	White Polymeric	0.1
XB110	17	110	<0.3	100	Yes	6	10%	11%	7%	13	14	White Polymeric	0.2
XB110H	17	110	<0.3	100	Yes	6	10%	11%	7%	13%	14	White Polymeric	0.2
ZB80	17	80	<0.3	75	Yes	6 / 4	10%	11%	7%	13	14	White Polymeric	0.1
ZB80M	17	80	<0.3	75	Yes	6 / 4	10%	11%	7%	13%	14	White Polymeric	0.1
ZB110	17	110	<0.3	100	Yes	6	10%	11%	7%	13%	14	White Polymeric	0.2
ZB110H	17	110	<0.3	100	Yes	6	10%	11%	7%	13%	14	White Polymeric	0.2
ZB110M	17	110	<0.3	100	Yes	6	10%	11%	7%	13%	14	White Polymeric	0.2

Radiation Dampers can be found on page 30. \*Replacement grille and motor kit. \*\*Model RDA fan housing only sold separately for radiation dampers/fans.

## Utility Fans

Model	Page	CFM	Sones	Housing Dimensions			Grille Dimensions		Amps	Duct Size
				L"	W"	H"	L"	W"		
12C	39	360	8.0	—	11½ Sq	—	13½ Sq	1.7	Direct Discharge	
502	38	270	8.0	16%	13%	3%	13½ Sq	1.7	3¼" x 10"	
503	38	160	5.0	14	12	3%	11½ Sq	1.5	3¼" x 10"	
504	39	350	6.5	—	10¼ Rd	7	13½ Sq	1.7	10"	
505	39	180	6.5	—	8¼ Rd	7	11½ Sq	1.5	8"	
506	38	470	8.0	—	10¼ Rd	—	13½ Sq	1.7	Direct Discharge	
507	38	250	7.0	—	8¼ Rd	—	11½ Sq	1.5	Direct Discharge	
508	39	270	6.0	—	10¼ Rd	—	13½ Sq	1.7	Direct Discharge	
509	39	180	6.5	—	8¼ Rd	—	13½ Sq	1.5	Direct Discharge	
509S	39	180	6.5	—	8¼ Rd	—	13½ Sq	1.5	Direct Discharge	
510	38	380	6.5	—	11½ Sq	—	13½ Sq	1.7	Room to room wall fan	
511	38	180	4.5	—	11½ Sq	—	13½ Sq	0.9	Room to room wall fan	
512	39	90	3.5	—	6 Rd	—	8 Dia	0.7	Room to room wall fan	
512M	39	70	3.5	—	6 Rd	—	8 Dia	0.7	Direct Discharge	
673	39	60	4.5	—	6¼ Rd	5¼	8 Dia	1.0	6"	

\* Not for use with dryers.