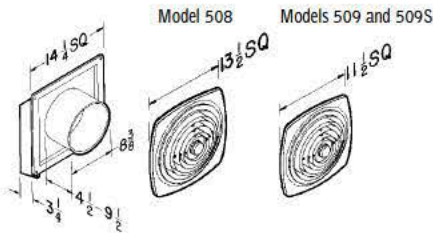


## Through-Wall fans

- Housing adjusts to fit walls from 4-1/2" – 9-1/2" thick
- Specially designed polymeric fan blade
- Built-in damper minimizes backdrafts for energy efficiency
- Paintable polymeric grilles
- Accessorize with wall switch or variable speed wall control



### Model 508

- 10" Through-Wall

### Models 509 and 509S

- 8" Through-Wall
- Model 509S features an integral ON/OFF rotary switch – no wall switch to wire



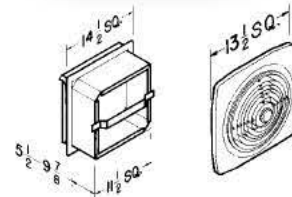
### Model 512

- 6" Room-to-Room
- Use 57W or 57V variable speed control separately



### Model 512M

- 6" Through-Wall
- Louvered exterior wall cap with built-in bird screen
- 6" diameter flexible aluminum duct included

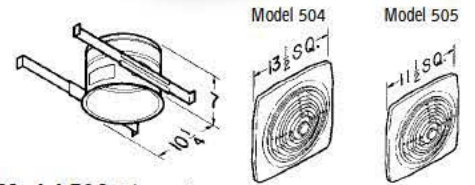


### Model 12C Motordor®

- 10" Through-Wall
- Separate motor opens and closes the vent door automatically

## Vertical Discharge

- Installs easily between ceiling joists
- Built-in backdraft damper
- Galvanized steel housing
- Strong steel mounting brackets with keyhole slots for fast installation



### Model 504 (shown)

- 10" Vertical Discharge
- Fits 10" round duct – use Model 472 transition/damper (available separately) for 8" round duct (performance will be reduced)

### Model 505

- 8" Vertical Discharge
- 8-1/4" diameter housing



### Model 673

- 6" Vertical Discharge
- Paintable, spin-on, white polymeric grille

Through-Wall	CFM	Sones	Diameter	Sizing Specifications
12C Motordor®	360	8.0	10"	Fits 5-1/2" – 9-7/8" thick walls
508	270	6.0	10"	Fits 4-1/2" – 9-1/2" thick walls
509/509S	180	6.5	8"	Fits 4-1/2" – 9-1/2" thick walls 509S Integral ON/OFF Rotary Switch
512	90	3.5	6"	Fits up to 5-1/8" thick walls
512M	70	3.5	6"	Fits 5-1/4" – 10" thick walls
Vertical Discharge				
504	350	6.5	10"	Fits 10" round duct
505	180	6.5	8"	Fits 8" round duct
673	60	4.5	6"	Fits 6" round duct



# Specifications

## Fans

	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	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	7¼	7½	3%	8½	8½	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
LP80	28	80	1.1	75	Yes	4 / 3	11%	10%	4	13	14	White Polymeric	0.3
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%	10¼	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
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
QTXE050	20	50	<0.3	45	Yes	6	11%	10%	7%	13	14	White Polymeric	0.3
QTXE080	20	80	0.3	75	Yes	6	11%	10%	7%	13	14	White Polymeric	0.4
QTXE110	20	110	0.7	100	Yes	6	11%	10%	7%	13	14	White Polymeric	0.3
QTXE110S	22	110	0.7	100	Yes	6	11%	10½	7%	12%	13¼	White Polymeric	0.3
QTXE150	20	150	1.4	140	Yes	6	11%	10%	7%	13	14	White Polymeric	0.5
QTRE100S	22	100	1.5	90	Yes	4	11%	10½	7%	12%	13¼	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
SSQTXE080	25	80	—	—	Yes	—	11%	10%	7¼	—	—	—	—
SSQTXE110	25	110	—	—	Yes	—	11%	10%	7¼	—	—	—	—
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

	Page	CFM	Sones	Housing Dimensions			Grille Dimensions		Amps	Duct
				L"	W"	H"	L"	W"		
502	38	270	8.0	16%	13%	3¼	13½ Sq	1.7	3¼" x 10"	
503	38	160	5.0	14	12	3¼	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	—	8" 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	—	8" 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	—	8" Rd	—	13½ Sq	1.5	Direct Discharge	
509S	39	180	6.5	—	8" 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"	
12C	39	360	8.0	—	11½ Sq	—	13½ Sq	1.7	Direct Discharge	