

FAN/LIGHT FEATURES

657, 696

- Powerful centrifugal blower
- White polymeric grille complements virtually any décor
- A19 base lighting (bulb not included)
- Ceiling mount

750, 751

- Powerful centrifugal blower
- Round design eliminates squaring with walls
- Model 751 is the same as Model 750, but without a night light
- A19 base lighting (bulb not included)
- Ceiling mount

678, HD80L

- White polymeric grille complements virtually any décor
- Ceiling mount
- Project Packs available
- HD80L designed for continuous operation

CEILING & WALL MOUNT FEATURES

670, 671, 688, 689

- Compact housing fits between ceiling joists or wall studs
- Metal grille kits (available separately)
- Project Packs available for most models

657 | 696



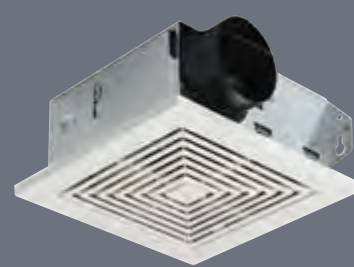
750 | 751



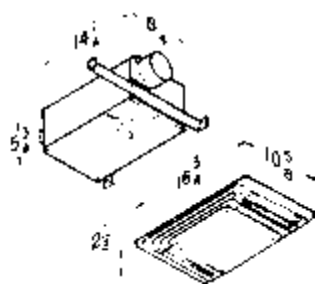
678 | HD80L



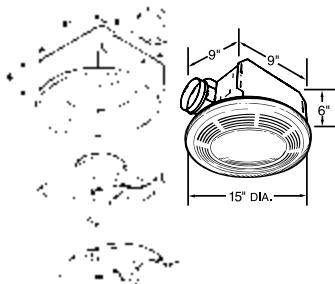
670 | 671 | 688 | 689



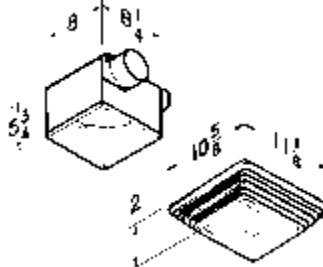
657, 696



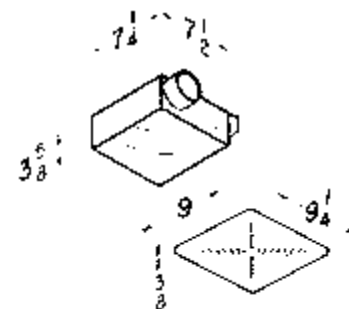
750, 751



678, HD80L

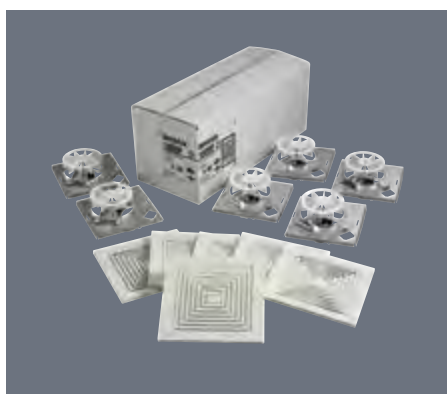


670, 671, 688, 689



Model	CFM	Sones	Light/Night Light	Ducting
657	70	4.0	A19 Base	4"
696	100	4.5	A19 Base	4"
750	100	3.5	A19 Base / 7W	4"
751	100	3.5	A19 Base	4"
678	50	2.5	A19 Base	4"
HD80L	80	2.5	A19 Base	4"

Model	CFM	Sones	Ducting	Mounts
670	50	3.5	3"	Wall / Ceiling
671	70	6.0	3"	Wall / Ceiling
688	50	4.0	3"	Wall / Ceiling
689	60	5.5	3"	Wall / Ceiling



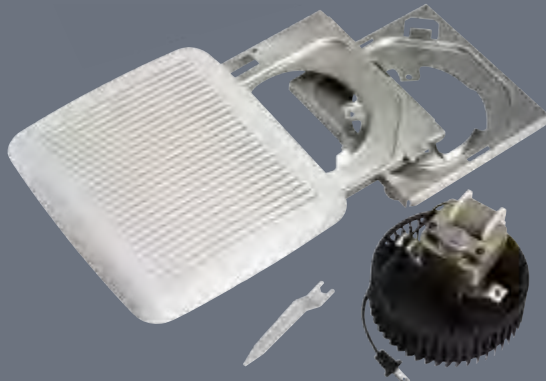
Project Packs. Convenient options for today's contractor. Broan "H" Packs include rough-in housings only, making multi-unit installation more convenient. "F" Packs allow motor/blower and grille assemblies to be ordered separately, nearer project completion, to help avoid losing, damaging or having to store components.

690 BATH FAN UPGRADE KIT

The Broan bath fan upgrade kit lets you convert your old bath fan to a brand new unit in just 10 minutes. Improve performance, reduce the sound level, and upgrade the appearance of your economy fan in minutes.

- Cut sound levels up to 50%
- Boost air movement up to 20%
- 10 minute installation
- 60 CFM, 3.0 Sones
- Modern white grille
- No special tools needed

690



Included: Grille; two motor plates, depending on your fan model; wrench; quieter plug-in fan motor



1. Remove old grille



3. Attach new fan and new motor plate. Install into existing housing



2. Remove old fan assembly



4. Install new grille

Measure your existing fan housing to ensure proper fit

For use only with these bath fan models.*		Measurements	Yes	No
	NuTone 693, 695, 696N	7½" x 7¼"	•	
		8" x 7¼"	•	
	Broan 670, 671, 688, 689	7½" x 7¼"	•	
		8" x 8¼"		•
	Nautilus N671, N688	7½" x 7¼"	•	
		8" x 8¼"		•

*No other usage has been tested or authorized by Broan-NuTone LLC.

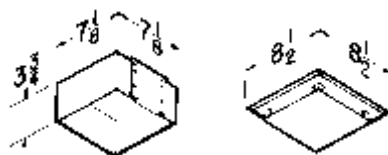
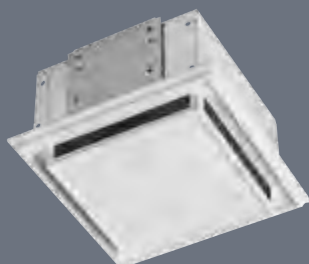
Broan 690 Upgrade Kit replaces the models below

If your grille looks like this:	The fan is very likely one of these models:	Housing dimensions:
	NuTone 693, 695, 696N	7½" x 7¼" or 8" x 7¼"
	Broan 670, 671, 688, 689 Nautilus N671, N688	7½" x 7¼" Not compatible with 8" x 8¼"

682 DUCT FREE FAN

- Patented, fast snap-in metal housing installation
- Fan circulates air past replaceable activated charcoal filter
- Fits 2" x 4" ceiling or wall construction

682



Model	CFM	Sones	Lighting	Notes
682	—	—	—	Duct-free Circulation
S97009563	—	—	—	Replacement filter

Duct-free. This easy-to-install solution is ideal where air circulation is needed but ducting is impossible or impractical. Use it as a solution for half baths or rooms where humidity isn't a concern.

SELECTION GUIDE

		57W 57V	59W	61W 61V	62W	63W 63V	64W 64V	66W 66V	67W	68W 68V	69WL 69VL	70TW	71V	72W 72V	73	77DW 77DV	78W 78V	269WL 269VL	685WL	82W, DH100W
Utility Fans	12C		•	•			•				•	•	•	•			•			•
	502	•	•	•			•				•	•	•	•			•			•
	503	•	•	•			•				•	•	•	•			•			•
	504	•	•	•			•				•	•	•	•			•			•
	505	•	•	•			•				•	•	•	•			•			•
	506 & 507																			
	508	•	•	•			•				•	•	•	•			•			•
	509	•	•	•							•	•		•			•			•
	509S ¹		•	•			•					•	•				•			•
	510 ²		•	•			•					•	•				•			•
	511 ²											•					•			
	512 & 512M	•	•	•							•	•	•	•			•			•
	673		•	•			•				•	•	•				•			•
Ventilation Fans	670	•	•	•			•				•	•	•	•			•			•
	671	•	•	•			•				•	•	•	•			•			•
	682	•	•	•			•				•	•	•	•			•			•
	688	•	•	•			•				•	•	•	•			•			•
	689	•	•	•			•				•	•	•	•			•			•
	690	•	•	•			•				•	•	•	•			•			•
	LP80	•	•	•			•				•	•	•	•			•			•
	QTXE080 QTXE110, QTXE150		•	•		•	•			•	•	•	•				•	•		•
	QTXE110S									•	•									
	XB50										•							•		•
	XB80										•							•		•
	XB110										•							•		•
	XB110H									•	•							•		•
	ZB80									•								•	•	•
	ZB80M									•	•							•		•
	ZB110									•								•	•	•
	ZB110H									•	•							•		•
	ZB110M									•	•							•		•
	RB80, RB110		•	•							•									•
	A80HD	•	•	•							•									•
	AE50, A80, AE80, AE80B, AE80S, A110, AE110, AE110S	•	•	•							•									•
Ventilation Fan/Lights	657	•	•	•		•	•			•		•	•	•						•
	678	•	•	•		•	•			•		•	•	•						•
	696	•	•	•		•	•			•		•	•	•						•
	741SN	•	•	•		•	•			•		•	•	•						•
	744					•				•		•								•
	744FL					•				•		•								•
	744LED					•				•		•								•
	744SFL					•		•	•	•		•								•
	750	•	•	•	•		•	•	•	•		•	•	•				•	•	•
	751	•	•	•		•	•			•		•	•	•				•		•
	754SN	•	•	•		•	•			•		•	•	•				•		•
	761BN, 761RB, 761WHA	•	•	•		•	•			•		•	•	•						•
	791LED	•	•				•			•		•						•		
	RB80L, RB110L					•	•			•								•		•
	AE80L, AE80BL, AE80SL, AE110L, AE110SL	•				•	•			•								•		•
	A50L, A70L, A80L A110L	•				•	•			•								•		•

¹Built-in on/off switch. ²Built-in on/off variable switch

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"		
657	30	70	4.0	65	100	—	—	4	14¾	8¼	5¾	16¾	10⅝	White Polymeric	2.0
678	30	50	2.5	45	100	—	—	4	8¾	8	5¾	11⅞	10⅝	White Polymeric	1.6
696	30	100	4.5	90	100	—	—	4	14¾	8¼	5¾	16¾	10⅝	White Polymeric	2.0
741SN	35	70	3.5	65	120 (2-60W)	—	—	4	8¾	8	5¾	13⅜ Dia	—	Satin Nickel	2.2
754SN	35	70	3.5	65	120 (2-60W)	—	—	4	8¾	8	5¾	13⅜ Dia	—	Nickel	2.2
761BN	35	80	2.5	75	120 (2-60W)	—	—	4	8¾	8	5¾	13⅜ Dia	—	Brushed Nickel	1.6
761RB	35	80	2.5	75	120 (2-60W)	—	—	4	8¾	8	5¾	13⅜ Dia	—	Oil-rubbed Bronze	1.6
761WHA	35	80	2.5	75	120 (2-60W)	—	—	4	8¾	8	5¾	13⅜ Dia	—	White	1.6
744	34	70	1.5	65	75	—	—	4	8¾	12¾	6¾	7⅞ Dia	—	Matte White	1.2
744FL	34	70	1.5	65	14	Yes	Yes	4	8¾	12¾	6¾	7⅞ Dia	—	Matte White	0.7
744LED	34	70	1.5	65	10W LED	Yes	—	4	8¾	12¾	6¾	7⅞ Dia	—	Matte White	0.55
744SFL	34	70	1.5	65	14	Yes	Yes	4	8¾	12¾	6¾	7⅞ Dia	—	Matte White	0.7
750	30	100	3.5	90	100 / 7	—	—	4	9	9	6	15 Dia	—	White Polymeric	1.9
751	30	100	3.5	90	100	—	—	4	9	9	6	15 Dia	—	White Polymeric	1.9
791LEDM	35	100	1.5	100	9W LED	Yes	LED	4	9¾	10	5¾	12⅝	12⅝	White	0.5
HD80L	30	80	2.5	75	100	—	—	4	8¾	8	5¾	11⅞	10⅝	White Polymeric	1.6
QTXE080FLT	18	80	0.3	75	2- 18W fluor/4	Yes	Yes	6	11⅜	10½	7⅝	13⅜	14¼	White Polymeric	1.0
QTXE150FLT	18	150	1.4	140	2- 18W fluor/4	Yes	Yes	6	11⅜	10½	7⅝	13⅜	14¼	White Polymeric	1.2
RB80L	15	80	<0.3	75	2- 18W fluor/4	Yes	Yes	4	11⅜	10½	7⅝	13	13¾	White Polymeric	1.0
RB110L	15	110	0.8	100	2- 18W fluor/4	Yes	Yes	4	11⅜	10½	7⅝	13	13¾	White Polymeric	1.0
XB50L	13	50	<0.3	45	2- 18W fluor/4	Yes	Yes	6 / 4	10½	11⅜	7⅝	13	13¾	White Polymeric	0.7
XB80L	13	80	<0.3*	75	2- 18W fluor/4	Yes	Yes	6 / 4	10½	11⅜	7⅝	13	13¾	White Polymeric	0.7
XB110L	13	110	<0.3	100	2- 18W fluor/4	Yes	Yes	6	10½	11⅜	7⅝	13	13¾	White Polymeric	0.9
XB110HL	13	110	<0.3	100	2- 18W fluor/4	Yes	Yes	6	10½	11⅜	7⅝	13⅜	14	White Polymeric	0.9
ZB80L	13	80	<0.3*	75	2- 18W fluor/4	Yes	Yes	6 / 4	10½	11⅜	7⅝	13	13¾	White Polymeric	0.8
ZB80ML	13	80	<0.3*	75	2- 18W fluor/4	Yes	Yes	6 / 4	10½	11⅜	7⅝	13⅜	14	White Polymeric	0.8
ZB110L	13	110	<0.3	100	2- 18W fluor/4	Yes	Yes	6	10½	11⅜	7⅝	13	13¾	White Polymeric	0.9
ZB110HL	13	110	<0.3	100	2- 18W fluor/4	Yes	Yes	6	10½	11⅜	7⅝	13⅜	14	White Polymeric	0.9
ZB110ML	13	110	<0.3	100	2- 18W fluor/4	Yes	Yes	6	10½	11⅜	7⅝	13⅜	14	White Polymeric	0.9

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

Heater/Fan/Lights

			Sones, HVI- Certified	Lighting Watts Main/ Night Light	Housing Dimensions			Grille Dimensions		Grille Finish	Duct Size"	Amps	Total Connected		
Model	Page	CFM			L"	W"	H"	L"	W"				Load In Watts	Heater Wattage	BTU
100HL	44	100	2.0	100W	16	10 ¹ / ₄	5 ⁷ / ₈	17 ¹ / ₂	11 ¹ / ₂	White Polymeric	4	14.5	1830	1500	5120
100HFL	44	100	2.0	27W Fluor. (Incl.)	16	10 ¹ / ₄	5 ⁷ / ₈	17 ¹ / ₂	11 ¹ / ₂	White Polymeric	4	14.0	1760	1500	5120
162*	45	70	4.0	*250W (1)	8 ¹ / ₈	8 ³ / ₈	6 ³ / ₈	10 ¹ / ₄	10 ¹ / ₄	White Polymeric	4	2.5	300	250*	853
164*	45	70	4.0	*250W (2)	14 ¹ / ₄	8 ³ / ₈	6 ³ / ₈	15 ⁵ / ₈	10 ¹ / ₄	White Polymeric	4	4.5	545	500*	1707
655	44	70	4.0	100W	14 ¹ / ₄	8 ¹ / ₄	5 ³ / ₄	16 ³ / ₄	10 ⁵ / ₈	White Polymeric	4	12.8	1536	1300	4437
656	44	—	—	100W	14 ¹ / ₄	8 ¹ / ₄	5 ³ / ₄	16 ³ / ₄	10 ⁵ / ₈	White Polymeric	—	11.9	1428	1300	4437
658	44	70	4.0	n/a	14 ¹ / ₄	8 ¹ / ₄	5 ³ / ₄	16 ³ / ₄	10 ⁵ / ₈	White Polymeric	4	11.9	1428	1300	4437
659	44	50	2.5	100W	14 ¹ / ₄	8 ¹ / ₄	5 ³ / ₄	16 ³ / ₄	10 ⁵ / ₈	White Polymeric	4	12.0	1440	1300	4437
QTX110HL	43	110	0.9	120W/7W	17 ⁵ / ₈	11 ³ / ₈	7 ⁵ / ₈	20	15	White Polymeric	6	14.6	1710	1500	5120
QTX110HFLT	43	110	0.9	36W Fluor. (GU24 Incl.)/7W	17 ⁵ / ₈	11 ³ / ₈	7 ⁵ / ₈	20	15	White Polymeric	6	13.9	1626	1500	5120

*Ventilation Fan/Bulb Heater versions