

## Ventilator Motors

### SM550 Series Ventilator Motors

#### Features/Benefits

- Exact Replacement for Nutone Range Hood Ventilators
- C Frame Design
- SM550 Motor includes FB460 Impeller

#### Applications

- Range Hoods
- Bathroom Exhaust Fans



PART NO.	SPEED	RPM	SHAFT		STACK	LEAD	NUTONE	ROBERTSHAW
			DIMENSIONS	ROTATION			NO.	NO.
SM550	1	3000	7/32" X 1 3/4"	CCW	1/2"	120 V Plug	C65878	33-100
SM551	2	High 3000 Low 1640	7/32" X 1 7/16"	CW	7/8"	2 Speed Plug	C52367	33-101
SM552	1	3000	7/32" X 1 1/4"	CCW	3/4"	120 V Plug	C63675	33-103
SM553	1	3000	7/32" X 1 3/4"	CCW	3/4"	Eyelet	C66582	33-104
SM554	2	High 3300 Low 1500	7/32" X 1 7/16"	CCW	7/8"	2 Speed Plug	C27987	33-105
SM555	1	3000	7/32" X 2 3/8"	CCW	5/8"	120 V Plug	C68627	33-106
SM556	1	3000	7/32" X 1 7/8"	CCW	5/8"	120 V Plug	C34484	N/A

### SM700 Series Ventilator Motors

#### Features/Benefits

- Exact Replacement for Broan Ventilators
- C Frame Design
- 120 Volts / 60 Hz
- CCW Rotation
- Multi Fit To Work With Other Brand Ventilators

PART NO.	SPEED	SHAFT DIA.	SHAFT STACK	SHAFT LENGTH	PLUG TYPE	REPLACES BROAN NO.
SM700	2	7/32"	3/4"	1 1/4" F	3 PIN	99080218
SM701	1	1/4"	7/8"	2 3/4" F	2 PRONG	99080159
SM702	1	1/4"	7/8"	2 3/4" F	5 PIN	99080160
SM703	1	5/32"	1/2"	1 3/4" S	2 PRONG	99080245
SM704	1	7/32"	7/8"	1 1/4" F	2 PRONG	99080166
SM705	1	.181"	5/8"	1 1/2" F	2 PRONG	99080216

#### Tech Tips

- "F" suffix on shaft length indicates flat on shaft.
- "S" suffix indicates spline shaft.
- When replacing a motor make sure that the type, voltage, amperage, wattage, rotation, shaft size, stack size and the electrical connectors are the same as the original motor.



## Evaporator Fan Motors

### SM999 Universal Evaporator Fan Motor Kit – 120 VAC

#### Features/Benefits

- Prefastened Multi Fit, Break Off Mounting Bracket
- Break Off 2" Motor Shaft with Breakaways at 1/2" and 1-1/2"
- Includes All Mounting Accessories and Hardware
- Reversible Rotation
- Single Speed
- Shaft Diameter 1/8"

#### Applications

- Replaces Over 450 Different Evaporator Type Motors.
- Direct Replacement For The GEM 240 Series, Mars 90999 and Robertshaw 33-110, 33-112 & 33-114.



### SM998 Universal Evaporator Fan Motor Kit – 220 VAC

#### Features/Benefits

- Includes the same Features & Benefits, Applications and Specifications as the SM999, except it operates on 220 VAC 50/60 Hz.
- Direct Replacement for the Mars 90998

PART NO.	DESCRIPTION
SM999	120 VAC, 3000 RPM, 1/200 hp, .31 AMP impedance protected
SM998	220 VAC, 3000 RPM, 1/200 hp, .31 AMP impedance protected

### Motor Rotation

To determine motor rotation:

CW - Clockwise CCW - Counter Clockwise

A. Facing shaft end of motor, locate the copper Buss Bar as indicated in illustration.

B. The Buss Bar location determines shaft rotation.

### Motor Rotation as viewed facing Shaft

CW - Clockwise Rotation  
CCW - Counter Clockwise

