

# SUPER EFFICIENT HVAC SYSTEM BLOWER MOTOR



## CONCEPT 3™ MOTOR



The Concept 3™ motor is a brushless, permanent magnet motor. The Concept 3™ motor is a drop-in replacement for the common Permanent Split Capacitor (PSC) motor that is used in most furnaces, air conditioners and heat pump systems using a 24v thermostat.

- Low watt draw per delivered CFM in both heating and cooling
- Speed controllable
- Built in fan control algorithms for; dry, wet and mixed climates
- Full wiring harness for easy installation — uses existing wiring block
- Adjustable 0.5 to 0.25 Hp
- Can be installed in less than 1 hour by a qualified HVAC technicians
- 2 year warranty

**7000.601** Concept 3™ Motor

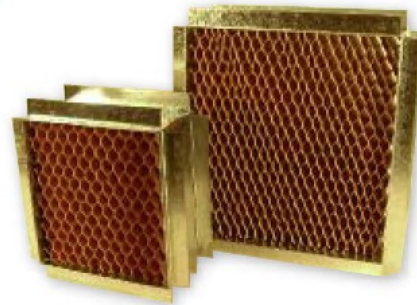
### Why the Concept 3™ motor is better than the standard PSC motor:

- Lower wattage use at any speed
- Realize immediate energy savings
- Built in intelligence for super efficient operation in dry, humid and mixed climates
- Wider range of speed settings

## PRESSURE BALANCING RETURN AIR PATHWAYS

- Relieves pressure differences within a house helping to balance a ventilation, heating or air conditioning system
- Designed to limit the transfer of light and sound while allowing air to move through the wall
- Flange extends 2" beyond opening
- Includes 2 white wall grilles

	R.A.P	AIRFLOW@ 2.5 PASCALS	OPENING	GRILLE SIZE
<b>5510.684</b>	12.4	48 CFM	12" x 4"	13.75" x 5.75"
<b>5510.685</b>	10.6	61 CFM	10" x 6"	11.75" x 7.75"
<b>5510.682</b>	8.8	65 CFM	8" x 8"	9.75" x 9.75"
<b>5510.686</b>	12.6	69 CFM	12" x 6"	13.75" x 7.75"
<b>5510.687</b>	14.8	109 CFM	14" x 8"	15.75" x 9.75"
<b>5510.683</b>	12.12	127 CFM	12" x 12"	13.75" x 13.75"



**Airflow for an undercut door:**  
 30" Door with .5" gap — 25 CFM  
 30" Door with 1" gap — 50 CFM

**Example:** If 177 CFM is being delivered to a room, using a 1" gap under the door and a 12 x 12 Return Air Pathway can relieve the pressure. (50 + 127 = 177 CFM)

*National distributor shipping direct throughout the United States*  
**TO PLACE ORDERS OR FOR MORE INFORMATION:**  
**800/876/0660** ♯ **FAX 888/440/4219**  
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