THRU WALL™ ROOM TO ROOM FAN TW108, TW208, TW408 FAQ's

Q: What's a Suncourt® ThruWall Fan™?

A: Suncourt manufactures three ThruWall™ Fans also known as Room to Room Fans, Through the Wall Fans, or Transfer Fans. These quiet ThruWall™ Fans are mounted through the wall to transfer air from one room to another.

Q: What will a ThruWall™ fan do for me?

A: The ThruWall™ fan is designed to move significant volumes of air from one space in a building to the next.

Q: What would I use a Through the Wall Fan for?

A: You can use a THRUWALL™ fan to share air between rooms in a variety of applications.

- **Wood stove, pellet stove, fireplace,** or other alternative heat source owners use a Room to Room Fan to extend the effective range of their heat source to other rooms.
- **Window air conditioner** owners can likewise transer that cool air to another room for increased efficiency with a Room to Room Fan.
- Homes with a new **three-season room** or an attached **greenhouse** benefit from installing a Room to Room Fan to transer air into or out of the greenhouse or room.
- **Mini-split** users install a Room to Room Fan to increase airflow to **a back bedroom** or **office** that just doesn't quite get enough air to stay warm in the winter or cool in the summer.
- Commercial users install Room to Room Fans as an accessory to **PTAC (Packaged Terminal Air Conditioner)** units to transfer heated or cooled air in **hotel suites, assisted living, apartments, dorms,** etc. They are more efficient than using duct extender kits and much more cost effective. They also provide a much cleaner look than clunky exposed ductwork.
- Move heated or cooled air from one room to another if there is a great difference in temperatures between the two rooms, i.e. one room is comfortable and warm in the winter, but the room next to it is over an unheated space and is always cold. Simply blow air from the warm room to the cold room.
- Vent a room that always seems stuffy.
- Vent a TV or family room with a smoker.

Q: Which Suncourt® ThruWall™ Fan model is right for me?

Model	Fan Speeds	Sq. Ft. of Room	CFM
TW108	2 Speeds	200 - 440 sq. ft.	155 - 192
TW208	Variable Speed	Up to 200 sq. ft.	40 - 100
TW408	2 Speeds	100 - 275 sq. ft	90 - 130

- The **Suncourt model TW408 Fan** features a 10' grounded power cord, a 3-position rocker switch that allows you to run the fan on low or high, and airflow adapters that allow you to fine tune the airflow to best suit your needs on either speed. This fan has a fixed output grille. Its telescoping housing allows you to install the fan in walls 3-3/4" to 6-1/2" thick. Airflow adaptor plates are included for maximum control. The TW408 ThruWall™ Fan is assembled in the US and UL approved for use in both the United States and Canada.
- The **Suncourt Model TW208P ThruWall™ Fan** is hard wired in the wall and features a variable speed control that will adjust the fan from low to high. It has a telescoping housing that allows it to be installed in walls 3-3/4" to 6-1/2" thick.
- The **Suncourt Model TW108 ThruWall™ Fan** features a 10' grounded power cord and a 3-position rocker switch, which allows you to run the fan on low or high. It also has a telescoping housing that allows it to be installed in walls 3-3/4" to 6-1/2" thick. The TW108 ThruWall™ Fan is ETL approved for use in both the United States and Canada.

Q: Which way does the air flow?

A: Air flows towards the side of the fan with the controls.

Q: Can I reverse the direction that the air flows?

A: No, but you can order a special build reverse airflow unit directly from Suncourt.

Q: How do I control fan speed?

A: The ThruWall™ TW108 & TW408 have a High - Low speed rocker switch with Center Off position. The ThruWall™ TW208 has a variable speed dial.

Q: How much electicity does a ThruWall™ use?

A: The TW408 ThruWall™ uses 29 watts on low and 39 watts on high. The TW208 uses 20 watts on low and 36 watts on high. The TW108 uses 29 watts on low and 39 watts on high.

Q: How quiet are the ThruWall™ Fans?

A: Very quiet. The TW408 ThruWall™ sound level is 38.5 dBA on low and 40.1 dBA on high. The TW208 sound level is 38 dBA on low and 38.4 dBA on high. The TW108 sound level is 39 dBA on low and 41.1 dBA on high.. This sound level compares to the sound of a desktop computer fan which is typically 52 dBA. Visit our quality page for a more in-depth explanation.

Q: How do I get power to the ThruWall™?

A: The ThruWall™ TW108 & TW408 have a 10' long power cord with a grounded plug. The ThruWall™ TW208 will need to be hard-wired into the home's electricity.

Q: How do I control the ThruWall™ Fans?

A: The ThruWall™ fans can be contolled by the integrated 3-position switch. In applications w/ PTAC units, the ThruWall™ fan can be wired to the relay in the PTAC unit to automatically turn on/off with the PTAC unit. You may also wire the fan unit to a 120VAC themostat.

Q: Can this fan be used as a bathroom exhaust fan?

A: No, the ThruWall™ fans are not designed to be used in wet or damp locations.

Q: Can I install this fan in an outside wall or a fire rated wall?

A: No, the ThruWall™ fans are not to be installed in outside walls nor fire rated walls.

Q: Is a ThruWall™ safe?

A: Yes, the ThruWall™ fans have been rigorously tested to MET standards. The through the wall portion of the housing is made of galvanized sheet metal, the grilles are high impact flame retardant ABS. The electric motor is a Class B, Thermally Protected motor.

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