FLUSH FIT™ REGISTER BOOSTER

HC500 FAQ's

Q: What will the Flush Fit Register Booster do for me?

A: The Flush Fit Register Booster is designed to be placed in your existing register. It will replace a standard 4" x 10" register grill and boost the airflow from that register. By boosting airflow, it will warm up rooms that are chronically cold in the winter and cool down rooms that are chronically too hot in the summer.

Q: Does the Flush Fit Register Booster heat or cool the air?

A: No. The Flush Fit Register Booster neither heats nor cools the air. It boosts airflow from a register, thus bringing more heated air from your furnace or cooled air from your air conditioner into a problem room.

Q: Why does the air coming from the Flush Fit Register Booster feel cold during the winter heating season?

A: Moving air flowing over your skin feels colder than still air. The temperature of the air is in fact the same. That "cold" sensation on your skin comes from the evaporation of the moisture on your skin caused by moving air. That is why sitting in the airflow of a fan feels good on a hot summer day. The air from that fan has the same temperature as the other surrounding air. Again, the air movement over your skin causes the chilly sensation. That is why drafts are so uncomfortable.

Q: How do I connect the Flush Fit Register Booster to the power?

A: No installation is required for the Flush Fit Register Booster. You simply place it in the floor register (4" x 10" maximum size) plug the small end of the transformer in the outlet on the face of the Flush Fit Register Booster then plug the wall transformer into the nearest 110 Volt wall outlet.

Q: How much electricity does the Flush Fit Register Booster use?

A: The Flush Fit Register booster uses very little electricity. With the fans on high the booster uses about 15 watts of electricity.

Q: Can I mount the Flush Fit Register Booster on a wall register?

A: Yes, small screw bosses are molded into the back of the Flush Fit Register Booster.



Drill out the bosses with a 3/16" drill bit and secure the HC500 to the wall. Directions are also provided on our instruction page.

Q: How do I turn the Flush Fit Register Booster OFF and ON?

A: The Mode button will cycle through the four settings for the Flush Fit Register Booster. When the mode button is pressed and the "ON" light is lit the automatic thermostat function is bypassed and the fans will remain on. If you want to circulate a small amount of air this is the mode to use. Your Flush Fit Register Booster is equipped with a highly sensitive electronic thermostat. When the Mode is in the "HEAT" or "COOL" setting the thermostat will control the on/off of the fans. In the "HEAT" Mode the thermostat will automatically turn the fans on when it senses heated air after the furnace starts. Similarly, when in the "COOL" Mode it will turn the fans on when it senses cooled air after your air conditioner starts. This operation is fully automatic and you have a control on the function panel to fine tune when you wish the Flush Fit Register Booster to start and stop.

Q: Can I run my Flush Fit Register Booster continuously?

A: Yes. When the mode button is pressed and the "ON" light is lit the automatic thermostat function is bypassed and the fans will remain on.

Q: Why do the instructions say, "unplug when not in use?"

A: We recommend that you unplug the Flush Fit Register Booster between seasons when neither the furnace nor air conditioner is operating, during vacations when you are away from home, etc. This will save wear and tear and unnecessary energy use.

Q: Can I mount the Flush Fit Register Booster over a ceiling register?

A: Suncourt recommends against mounting an Flush Fit Register Booster over a ceiling register for safety concerns in the event the unit would fall down if not properly attached. Ceiling mounting would also allow the power cord to hang freely and become a possible hazard.

Q: Can I use the Flush Fit Register Booster upside down?

A: The Flush Fit Register Booster will operate in any position.

Q: Can I use the Flush Fit Register Booster to vent outside air?

A: No. The Flush Fit Register Booster is not approved to vent outside air (such as in a window) where the unit may become wet from rain or excessive moisture.

Q: Is the Flush Fit Register Booster safe?

A: The Flush Fit Register Booster has been rigorously tested to the Standards of ETL for your safety. The housing is made of a high impact flame retardant ABS.

Q: How do I clean my Flush Fit Register Booster?

A: Generally, maintaining a clean household and regularly replacing the central air system filter will avoid build-up of dirt and dust in the Flush Fit Register Booster. The Flush Fit Register Booster cannot be opened for cleaning. Doing so would void the warranty and poses a risk of injury. Normally, accumulated dust can be blown out of the unit and dirt can be removed using a small brush or cotton swabs.

Q: Should I be concerned about EMF (Electromagnetic Feild or Electromagnetic Radiation)?

A: Our devices emitt such a low level that there is no present danger.

FAQHC500-1220

EQUALIZER® EZ8 SMART REGISTER BOOSTER™ HC600 FAQ's

Q: What will the Equalizer® EZ8 do for me?

A: The Equalizer® EZ8 is designed to be placed over a floor or wall register (6" x 12" maximum size) to boost the airflow from that register. By boosting airflow, it will warm up rooms that are chronically cold in the winter and cool down rooms that are chronically too hot in the summer.

Q: Why is the Equalizer® EZ8 considered a smart register booster fan?

A: The Equalizer® EZ8 utilizes our patent pending self-learning technology. With use, the Equalizer® EZ8 learns your systems heating and cooling patterns and programs itself to run at top efficiency. This smart technology delivers hands off auto functionality year round with no need for seasonal adjustment.

Q: Does the Equalizer® EZ8 need to be seasonally adjusted?

A: No. It's fully automatic.

Q: Does the Equalizer® EZ8 heat or cool the air?

A: No. The Equalizer® EZ8 does neither heat nor cool the air. It boosts airflow from a register, thus bringing more heated air from your furnace or cooled air from your air conditioner into a problem room.

Q: Can I adjust the airflow of the Equalizer® EZ8?

A: The Equalizer® EZ8 has 8 speeds that you can choose from. The speeds range from 63 CFM to 203 CFM (cubic feet per minute).

Q: How do I know which speed to choose?

A: We recommend starting at speed 3 and making adjustments from there.

FAN SPEED	1	2	3	4	5	6	7	8
CFM	63	88	110	141	163	179	191	203
DBA	<50	<50	<50	53.6	55.5	57.7	59.5	61.7
WATTS	1.1	1.8	2.6	4.2	5.8	8.0	10.2	12.3
ROOM SQ. FT.	65-95	95-130	115-165	150-210	175-240	190-265	200-285	215-305

Q: The air coming from the Equalizer® EZ8 feels cold during the winter heating season.

A: Moving air flowing over your skin feels colder than still air. The temperature of the air is in fact the same. That "cold" sensation on your skin comes from the evaporation of the moisture on your skin caused by moving air. That is why sitting in the airflow of a fan feels good on a hot summer day. The air from that fan has the same temperature as the other surrounding air. Again, the air movement over your skin causes the chilly sensation. That is why drafts are so uncomfortable.

Q: How do I connect the Equalizer® EZ8 to the power?

A: No installation is required for the Equalizer® EZ8. You simply place it over a floor register (6" x 12" maximum size) and plug it into the nearest 110 Volt wall outlet.

Q: How much electricity does an Equalizer® EZ8 use?
A: The Equalizer® EZ8 uses 1.1 watts while running at it's lowest speed setting and up to 12.3 watts while running at it's highest speed setting.

Q: Can I mount the Equalizer® EZ8 on a wall register?
A: Yes, this will require the HC6WK1 wall mounting kit (sold seperately) in order to mount the booster to the wall. You are also able to purchase the HC600-WK which includes both the register booster fan (HC600) and the wall mount kit (HC6WK1).

Q: Does the Equalizer® EZ8 have to cover a register entirely?
A: Yes. The Equalizer® EZ8 must cover a register grille opening entirely. The Equalizer® EZ8 is designed to create a slight vacuum at the register, thus pull air from the duct. You do not want to pull in room air.

Q: How do I turn the Equalizer® EZ8 OFF and ON?
A: Your Equalizer® EZ8 is equipped with a highly sensitive electronic thermostat. In auto mode this thermostat will automatically turn the fan ON when it senses heated air after the furnace starts. Similarly, it will turn the fan ON when your air conditioner starts. When the heating or cooling cycle ends, the fan will turn off automatically.

Q: Can I run my Equalizer® EZ8 continuously?
A: Yes. When the mode button is pressed and the "ON" light is lit the automatic thermostat function is bypassed and the fans will remain on.

Q: Can I mount the Equalizer® EZ8 over a ceiling register?
A: Suncourt recommends against mounting an Equalizer® EZ8 over a ceiling register for safety concerns in the event the unit would fall down if not properly attached. Ceiling mounting would also allow the power cord to hang freely and become a possible hazard.

Q: Can I use the Equalizer® EZ8 upside down?
A: The Equalizer® EZ8 will operate in any position.

Q: Can I use the Equalizer® EZ8 to vent outside air?
A: No. The Equalizer® EZ8 is not approved to vent outside air (such as in a window) where the unit may become wet from rain or excessive moisture.

Q: Is the Equalizer® EZ8 safe?
A: The Equalizer® EZ8 is a low voltage product and completely safe. The housing is made of a high impact flame retardant ABS material and the electric motor is Thermally Protected. The fan impeller is made out of Polycarbonate material, the material used for jet fighter canopies.

Q: Should I be concerned about EMF (Electromagnetic Feild or Electromagnetic Radiation)?
A: Our devices emitt such a low level that there is no present danger.

Q: How do I clean my Equalizer® EZ8?
A: Generally, maintaining a clean household and regularly replacing the central air system filter will avoid build-up of dirt and dust in the Equalizer® EZ8. The Equalizer® EZ8 cannot be opened for cleaning. Doing so would void the warranty and poses a risk of injury. Normally, accumulated dust can be blown out of the unit and dirt can be removed using a small brush or cotton swabs.

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