

DIRECTIONS

FOR USING RUTTAN'S AIR WARMERS IN CONNECTION WITH RUTTAN'S VENTILATION.

A WORD ABOUT CONSTRUCTION.—Let every body remember that to economize fuel in simply *heating* a building, a *slow* combustion is *always best*, and it is therefore, wise to buy a stove or "Air Warmer," a size larger than most persons think necessary, and then keep a large quantity of fuel in the fire-box, so that with the dampers all closed, it will burn slowly and still give sufficient heat. By so doing a more uniform temperature will be obtained.

1st. A large "Air Warmer" will last better for *five or ten years*, than a small one will *one or two*, and do the same work.

2nd. The larger the "Air Warmer" or Stove, the more work it will do with a given quantity of fuel.

3rd. It is less labor to tend it, and not being necessary to run it up to a great heat, the air is never burned, but simply *warmed*.

DIRECTIONS.—1st. When a fire is made the Fresh Air Duct should *always be open*, but it may be closed in part at times, as when the wind blows directly into it, on a very cold day, but in moderate weather it should be wide open.

2nd. The Exhaust Shaft should never be closed at all. If you wish to stop the air going out, simply stop it coming in.

3rd. Build fire as in any stove. But with the Ruttan Air Warmer after the fire is well started, close the damper, so as to shut off air.

4th. At night put in a quantity of fuel, and *shut up all* the dampers and close Fresh Air Duct in part (according to the temperature outside) and your fire will keep well until morning. Then stir out the fire, open the damper and ducts, and go on as before.