

DOUBLE SPIN FLUE GAS SYSTEM

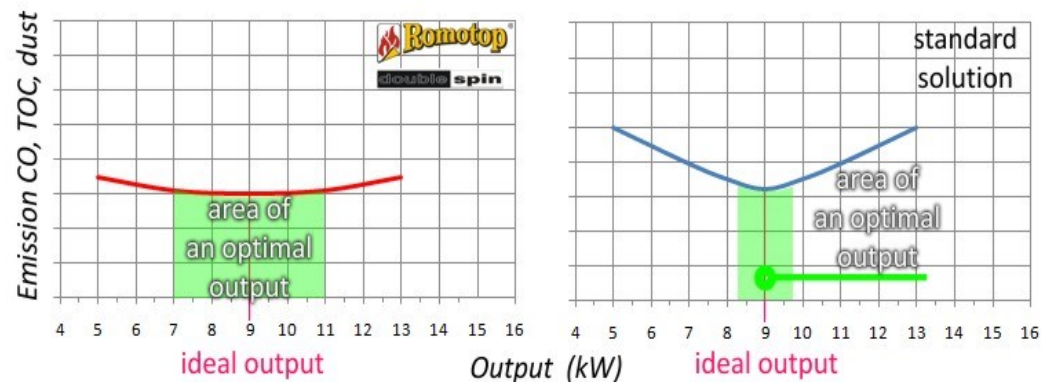
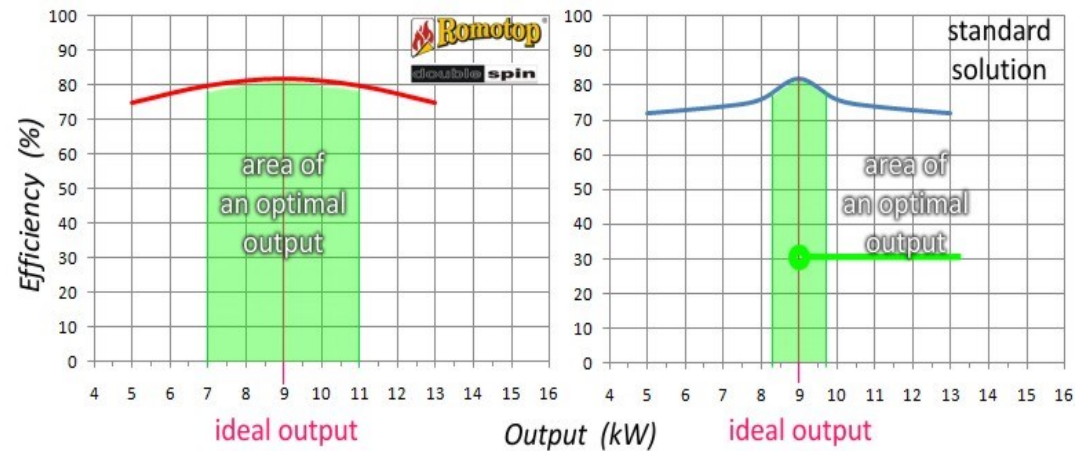


The **double spin** flue gas system was developed by Romotop with the aim of obtaining the best trajectory of flue gas from the combustion chamber into the spigot of the insert in order to achieve maximum ecology and cleanness of combustion, in combination with corresponding efficiency and, of course, aesthetics of burning.



It is clear from the picture that after passing the first chamotte deflector, flue gases are directed to two sides. This division of flue gases was very important for the correct distribution of heat to the sides of the insert, and this is also positively reflected in the aesthetics of the burning flames, which are now more likely to burn along the whole width of the combustion chamber.

Thanks to the modern structure of the combustion and flue chamber with the **double spin** system, Romotop fireplace inserts achieve excellent parameters in a wide range of outputs. The pictures below show, that during combustion, the **double spin** system reaches optimum efficiency and emission values in a much wider range of outputs than standard solutions.



Such a wide range of so-called optimum outputs is a great advantage for customers, as they can now be sure their fireplace insert is always working perfectly during normal heating.

What does the **double spin** system mean for end users?

- The burning process is extremely stable with different amounts of fuel. The burning process is easily maintained even with low amounts of fuel, i.e low heating output.
- High quality combustion is continually achieved when operated in the optimum output range. In other products, quality combustion is usually achieved over a much smaller range. Of course, ecological operation goes hand in hand with its economy.
- Designers and other professionals can install Romotop fireplace inserts in a wide range of buildings with various heat losses, even in cases where fireplace inserts with large glazing are not usually recommended.