

Serpentine resistances can be manufactured in different pipe and serpentine diameters according to the requirements in different power and forms. Pipe diameters can vary between 6.5 - 20 mm according to requirement and serpentine diameters can vary between 20 mm and 50 mm in direct proportion. Serpentine type resistances can be produced with supply voltages between 24 V - 500 V DC. The pipe material and serpentine material used in the production of these types of resistances are specially determined according to purpose of use of resistance. Accordingly, production can be made using 310 S and alloy800 - alloy600 type special stainless pipes and serpentes in high temperature environments. Furthermore, if corrosion is available in the environment where serpentine type resistances are used, pipe and serpentine material may be preferred as made of 316 L and Alloy825.

Serpentine resistances can be produced in different sizes and forms. For example, flat rod serpentine resistances can be produced at minimum 200mm and maximum 6600 mm lengths, while U type resistances can be produced at minimum 150mm and maximum 3200 mm lengths. In addition, M type and circular helical type serpentine resistances are produced by our company.

The main use area of serpentine resistances is air blown, fan type heating systems. In the construction sector, serpentine type resistances are commonly used in buildings, shopping malls, hospitals and hotels in order to heat the air coming out of the air ducts. Apart from these, it is produced in accordance with the environment in all processes requiring industrial drying in all industrial branches.

