

VIFRA

● engineering

● manufacturing

● installation set

● maintenance

● customer care



HIGH PRESSURE FOG SYSTEM

VIFRA is an Italian company based in Rome, since more than 10 years engages in manufacturing and installation of the High Pressure Fog System worldwide.

The main goal of the company VIFRA is to promote the fog system as an integral part of a greenhouse, in order to create the ideal climate required, according to the farmer needs.



The Pump Unit generates a pressure between 70-120 bar, producing, with the nozzles VIFRA, 1 micron size water drops. In this way the nebulized water doesn't deposit on the cultivation so it doesn't damage it. The system is based on a concept of homogeneous distribution of the relative humidity and abatement of the temperature, moreover, using our system, reduces the CO2 emission into the environment.



Most of the components are designed, engineered and manufactured by the company itself: this ensures an innovative design and an easy deployment of the products. The longevity and the guarantee of the system are consequences depending on the use of high quality materials, stainless steel exclusively made.

The use of these materials, therefore, allows the grower to be able to use the Fog System also to spray chemical products.



So, which are the benefits for the farmer? The increase of the crop productivity and the reduction of irrigation and energy costs.



In addition, due to the collaboration with foreign companies the company VIFRA has an excellent customer care service, committed to providing technical assistance both on site and remotely.



The application of the Fog System extends beyond the greenhouses also in neutralizing odors, dust suppression and outdoor refreshing.

The Fog System branded VIFRA ITALY is customized for each farmer and their cultivation.



REFERENCES





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