

eliturbo

MISTY



High performance, modern design, recyclable polyamide structure, low environmental impact.

ELITURBO MISTY

Mixing, humidifying and cooling the air in agricultural, livestock, commercial and industrial environments through water micro-nebulization.



HEALTH



GREEN



MADE IN ITALY



US / CANADA
CERTIFICATIONS



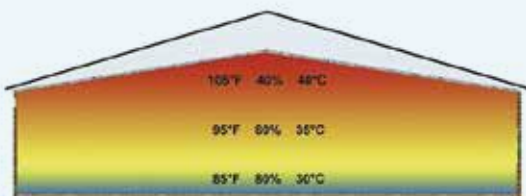
EUROPEAN
CERTIFICATIONS

ELITURBO MISTY®, represents the most efficient solution for maintaining the correct humidity levels in livestock breeding, greenhouse cultivation and food storage warehouses, preventing dehydration in animals and plants, as well as the deterioration of food products.

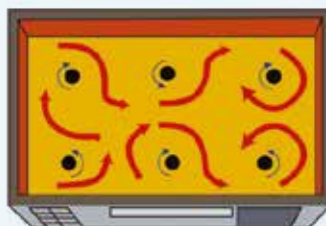
Thanks to its dual functionality, it can be used both in hot and dry seasons for ventilation, humidification and cooling, and in cold and humid seasons only for ventilation to reduce condensation and evenly distribute the warm air generated by the heating system.

By combining **ELITURBO MISTY®** with heating systems, you save on fuel and eliminate the waste of hot air

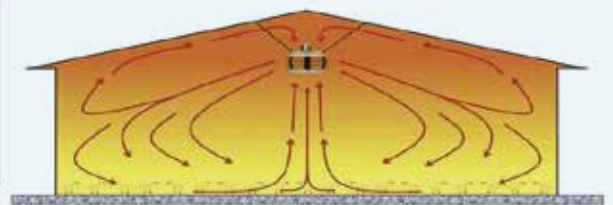
HOW IT WORKS



TEMPERATURE DISTRIBUTION INSIDE
A TYPICAL BUILDING



OPERATION WITH ALTERNATING
ROTATION DIRECTION OF ELITURBO

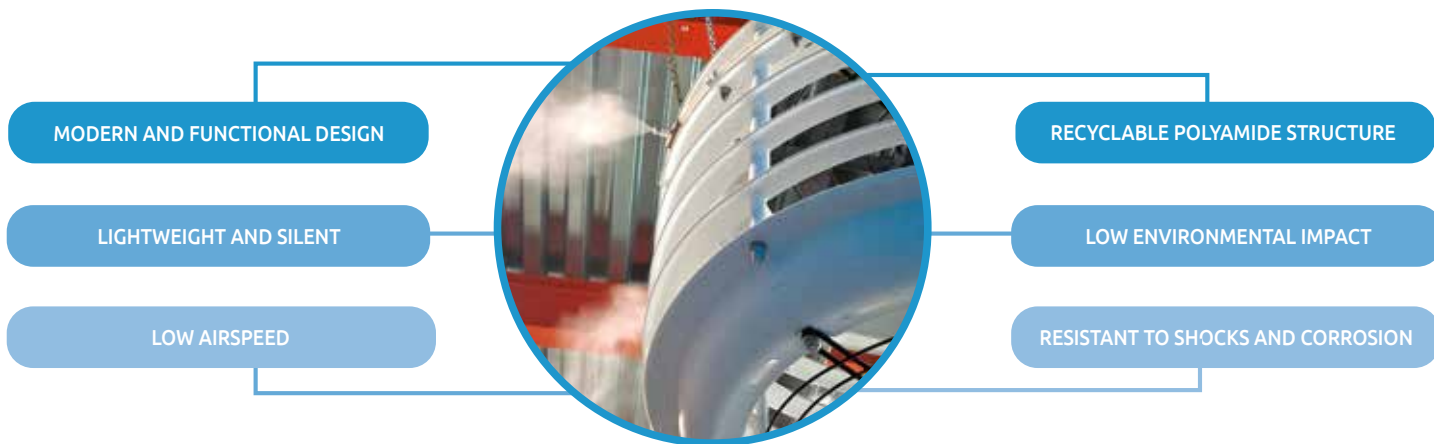


AIR DISTRIBUTION USING ELITURBO WITH
A SPECIAL PATENTED HELICENTRIFUGAL IMPELLER

ELITURBO MISTY® is equipped with a high-pressure water micro-nebulization system, consisting of special nebulizing nozzles that create an ultra-fine "mist" composed of millions of droplets with an average size smaller than 10 microns. Additionally, it features a special and exclusive helicentrifugal propeller fan that mixes all the air in the environment, preventing the stratification of warm air near the ceiling.

The air treated and humidified in this way is distributed in a circular manner, at 360 degrees, reaching every corner of the building. The physical phenomenon of warm air stratification near the ceiling is common in all large-volume buildings, leading to challenges in floor-level heating and resulting in significant energy waste. **ELITURBO MISTY®** counteracts this phenomenon and promotes energy savings.

CHARACTERISTICS AND APPLICATION AREAS



ZOOTECHNICS: CATTLE, SWINE, POULTRY

The high summer temperatures impact weight gain, the reproductive cycle and milk production. Nebulization helps reduce heat stress in animals and the mortality rate. Moreover, **ELITURBO MISTY®** promotes the reduction of acidic condensation and the elimination of odors through the openings in the barn.

GREENHOUSE FARMING

ELITURBO MISTY® distributes air and humidity evenly and reduces condensation and dripping in greenhouses. It guarantees the maintenance of the ideal microclimate in the environment and the saving of fuel for heating.

STORAGE OF FRUIT AND VEGETABLES, FISH, MEAT, CHEES

The loss of "freshness" is mainly caused by rapid dehydration of the product as a result of the water evaporating due to the difference in values with that of the surrounding air. With **ELITURBO MISTY®** the humidity level in the air is restored to optimal values, blocking the dehydration process.

INDUSTRY

ELITURBO MISTY® prevents the stratification of hot air at the ceiling, improves the quality and well-being of the working environment and produces high energy savings. In some industries, such as textile, wood, tobacco and paper mills it produces the necessary hygrometric conditions.

BENEFITS



Large air recirculation guaranteed by the special patented impeller. No annoying drafts, almost imperceptible ventilation.



Transport and distribution of the air in the environment without the need for air ducts.



Reduction of air stratification with energy savings for heating up to 50%.



Reduction of the concentration of ammonia vapors and odors for better breathing of animals and operators.



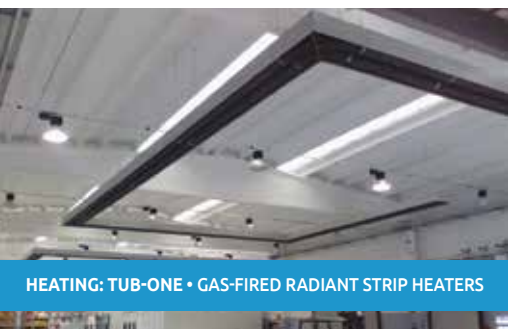
Ability to equalize the temperature and humidity of the building, vertically and horizontally.

The exclusive air mixing produced by **ELITURBO MISTY®** improves environmental conditions even during the summer season when, due to the high temperatures and the high level of humidity, an intolerable microclimate for people and structures is generated. **ELITURBO MISTY®** activates the air exchange through windows and other openings, creating constant and pleasant ventilation of the environment.

ELITURBO MISTY®

MISTY Series Model	Air Circulation	Power Supply	Absorbed Power	Dimensions Diam x Height	Weight	Water Consumption (maximum)
2002	10.000 m ³ /h	230V 50Hz	310 W	710 mm x 585 mm	11 kg	22,08 l/h
I-Tronic	10.000 m ³ /h	220-240 V50/60Hz	310 W	710 mm x 610 mm	12,5 kg	22,08 l/h

OTHER IMPRESIND'S SOLUTIONS FOR YOUR BUSINESS



HEATING: TUB-ONE • GAS-FIRED RADIANT STRIP HEATERS



COOLING: COLDAIR • EVAPORATIVE COOLERS



HEATING: RAY-RED • GAS-FIRED RADIANT TUBE HEATERS