

HMK Misting Kit



hydor

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Where there is a requirement for additional cooling in excessive heat conditions which create heat stress in livestock, Hydor misting kits ensure comfort is supplemented, thereby retaining normal feed intake patterns.

The added benefit of the fine spray generated by the misting kits ensures flies and other insects are kept away, with particular emphasis placed upon entrance and exit areas of the farm building.

The spray also removes irritating flies, as well as assisting farm workers when cleaning in hot, very dry weather conditions.

5 or 7 nozzle models available to meet all your requirements.



Easily fitted to Turbulator, Pedestal and Wall Mounted Fans.

Principles

Hydor Misting Kits are based on the principles of evaporative and convection cooling, removing heat by using water vapour and air movement. Evaporative cooling results from the very fine water droplets changing from a liquid into a vapour state and reducing the surrounding air temperature in the process. Convection cooling relies on the velocity and turbulence of the air flow carrying away the heat without wetting the livestock.

When a Hydor Misting Kit is combined with the air flow from a Hydor air circulating fan, the cooling effect is greatly enhanced. Work areas, outdoor recreation facilities and animal enclosures can all benefit from the rapid, efficient cooling that a Hydor Misting Kit and fan can provide, reducing stress and fatigue and improving safety and productivity in the heat of summer.

Using our high quality, precision misting nozzles, an ultra fine mist is introduced into the environment which interacts with the air to cool, clean, humidify and to repel flying insects.

The Hydor Misting Kits work on normal mains water pressures, and incorporate a water connection of 19mm (3/4" BSP) hose thread adaptor with stainless steel filter.

Tube and fittings are constructed from heavy wall 9mm (3/8") polyethylene, UV resistant, medium burst strength for working pressures up to 125 PSI. Nozzles are high quality brass with stainless steel orifice and pin, O-ring for leak proof assembly.



	HMIST5 kit	HMIST7 kit
Misters	Fitted with 5 misting nozzles	Fitted with 7 misting nozzles
Applications	Suitable for pedestal type recirculating fans up to 630mm diameter	Suitable for more powerful fans such as Hydor's Turbulator range
Water usage	7 litres per hour approx	10 litres per hour approx



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HMK_EB/5-05-10/01

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