

Ultra low energy humidifiers...

Ultrasonic humidifiers produce a cool mist, that looks like steam and is readily absorbed into the air - like steam, but without the heating! Consuming only 7% of the energy of a steam humidifier with equivalent output, ultrasonic humidifiers bring unique advantages to low energy humidification.

DT series

The highest capacity ultrasonic humidifier range available for air handling units. DT series humidifiers can be fitted singly in a duct or AHU, or multiple units rack mounted, and controlled as a single system for higher outputs.



Ultrasonic humidifiers can be uniquely applied as replacements for steam humidifiers in data centres, with energy saving benefits for both cooling and humidification.

Model	Capacity (kg/hr)	Power requirement
DT10	4.5	240VA
DT20	9	495VA
DT30	14	750VA
DT40	18	960VA
DT60	27	1440VA
DT80	36	1860VA

- **Intrinsically safe - ultrasonic humidifiers are used in hospitals**
- **All stainless steel**
- **Very low power requirement – 93% energy savings compared to steam**
- **Rapid evaporation**
- **Uses clean RO (reverse osmosis) water, no scale or mineral build-up**
- **Virtually maintenance free**
- **On / off or proportional control**
- **Plug and play, no extensive site wiring**
- **Additional safeguard of feed water ultra-violet (UV) sterilization and drain/flush cycles**

Mist-pac



Mist-pac units are fan powered ultrasonic humidifiers, discharging an ultra-fine, mineral free, hygienic cool mist into open areas. The ultrasonic mist consists of uniform 1 micron droplets – many times smaller than that of a spray or conventional fogger. Mist-pac units are therefore ideally suited to a variety of humidification applications in cold rooms, post harvest storage, distribution and retail food displays.

the complete range of market leading Humidifirst ultrasonic humidifiers are available from:

humideco[®]

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ULTRASONIC HUMIDIFIERS FROM **HUMIDIFIRST®**

