



HUMIDITY CONTROL SYSTEM

Our Products and Services

Humidity Control System (HCS)

Humidity Control System (HCS) is a critical success factor for such humidity sensitive industries as Pharmaceuticals, Foods, Electronics, Laboratories, seed storage, and etc. We can provide HCS that can control condition from 1%RH to 99%RH at any temperature range. We also provide small portable system for household uses, museums, as well as film and art collections. HCS can be applied as a latent load removal to boost energy efficiency for large air conditioning system. HCS can also be applied for an energy-efficient low temperature drying system.

Energy Recovery System (ERS)

Energy Recovery System (ERS) is a system that is capable of recycling waste energy from exhaust air ranging from -30oC ถึง 500oC with up to 80% recovery efficiency. ERS is suitable for fresh air units in hotels, buildings, and industrial factories. ERS is also applicable for recovering heat and cold from such manufacturing processes as ceramics, gypsums, cements, and frozen foods.

Field of Services

- Rust protection (Anti-Corrosion)
- Pharmaceutical industries (Drying and Bacteriostatic)
- Drying cold storage room (Seed and food storage)
- Laboratory room (Precision control)
- Freeze drying process (Atemia, Corn seed, vegetable seed, etc.)
- Food production process (Candy, Chocolate, etc.)
- Improve productivity / quality of product in electronics, foods, automotive & automobile, etc.
- Office building for ventilation system
- Paint spray process (recovery fresh air to system)
- Install with burner (Gypsum production process)
- Lacquer coating room (reduce pre cooling size)



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INDUSTRIAL DEHUMIDIFIERS

Portable dehumidifier is used in various industrial/military application as follows:-

1. Corrosion prevention.
2. Mold / fungi prevention.
3. Condensation prevention.
4. Certain processes which require low relative humidity such as in pharmaceutical, food processing, electronic plants, etc.
5. Hygienic applications such as operation room, clean room, etc.
6. Military equipment protection.
7. Archive storage.
8. Cool drying process.

The Expert in industrial dehumidification!!



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UTILE ENGINEERING INTERNATIONAL CO., LTD.
Best climate control technology for greatest productivity

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