



MTA air dryers are refrigeration-type dryers that remove moisture from compressed air using innovative thermal storage and Pulse Technology, adapting to actual system needs for maximum energy efficiency and dew point stability. Key features include patented heat exchangers, digital controls, robust construction, and connectivity options for Industry 4.0. MTA offers various series, including DE-iTECH and DE-X, with advanced features like low environmental impact refrigerants, low load function, and microprocessor-controlled drainage.

Key Features & Technologies

- **DE-iTECH & Hybrid Technology:**

MTA's DE-iTECH and DE-Hybrid dryers utilize thermal mass and innovative Pulse Technology to adapt to the real needs of a compressed air system, optimizing energy consumption and providing consistent performance.

- **Patented Heat Exchangers:**

The DE-X series features a unique patented 3-in-1 X-MODULE heat exchanger, while other series use modular designs for optimum performance.

- **Microprocessor Control:**

Digital controls and microprocessors provide intuitive operation, monitoring key parameters, managing functions like compressor on/off cycles, and offering remote connectivity options.

- **Energy Efficiency:**

Advanced control systems, including the Low Load Function (LLF), adapt the dryer's operation to save energy during partial loads.

- **Robust and Reliable:**

MTA dryers are built with heavy-duty housings and premium components for high reliability and can be easily installed thanks to their compact design.

- **Environmental Responsibility:**

Newer models utilize environmentally friendly refrigerants like R513A, which has a low Global Warming Potential (GWP).

- **Condensate Drainage:**

All models feature microprocessor-controlled drainage systems, with options for zero loss drainage to prevent air pressure loss.

Benefits

- **Improved Air Quality:**

Removes moisture and impurities to protect downstream equipment from corrosion and failure.

- **Increased Efficiency:**

Energy-saving technologies reduce operating costs.

- **High Reliability:**

Advanced technologies and quality components ensure consistent performance and longevity.

- **Easy to Use & Maintain:**

Intuitive controls, compact design, and frontal access simplify installation and maintenance.