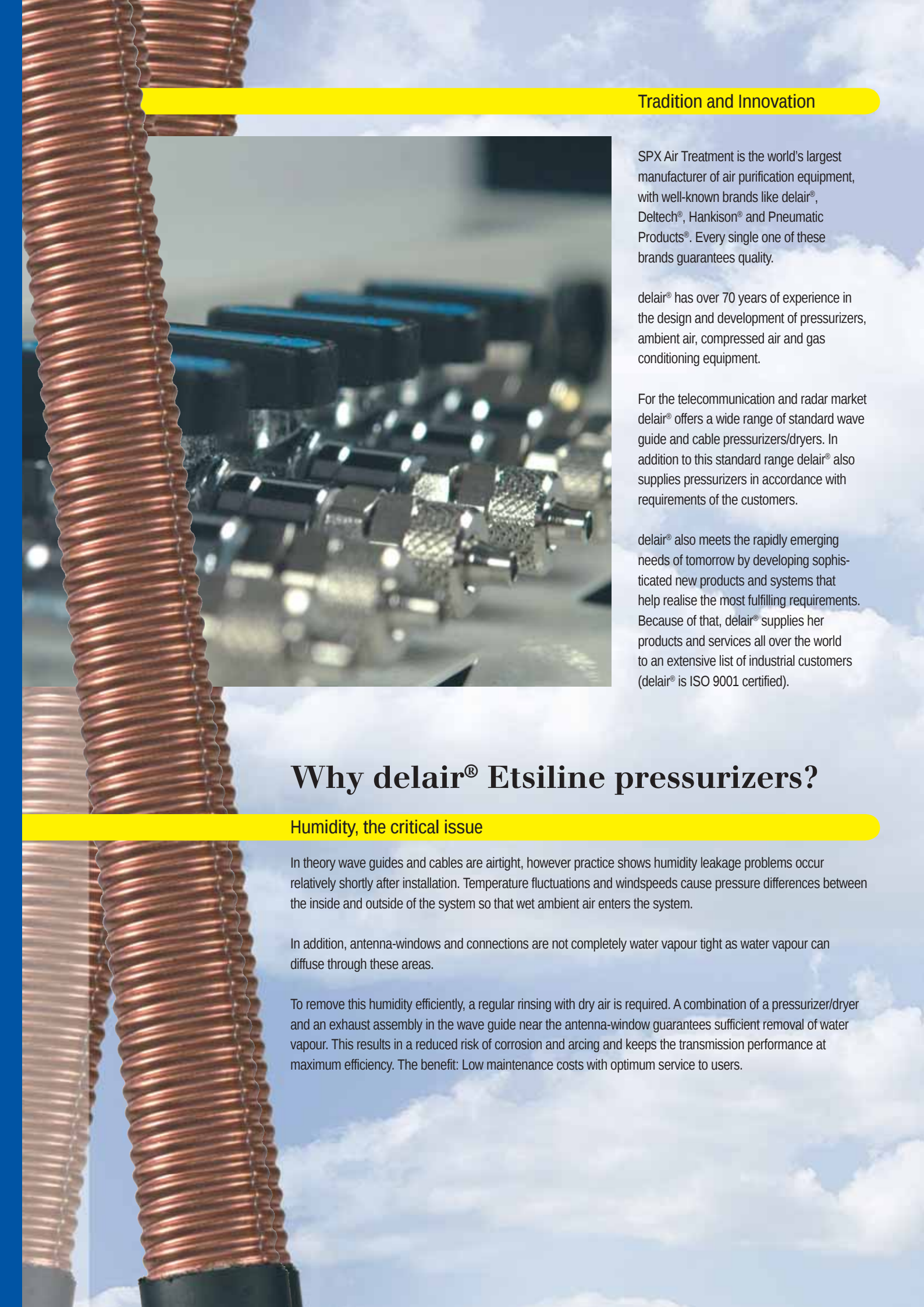




Etsiline pressurizers/dryers





Tradition and Innovation

SPX Air Treatment is the world's largest manufacturer of air purification equipment, with well-known brands like delair®, Deltech®, Hankison® and Pneumatic Products®. Every single one of these brands guarantees quality.

delair® has over 70 years of experience in the design and development of pressurizers, ambient air, compressed air and gas conditioning equipment.

For the telecommunication and radar market delair® offers a wide range of standard wave guide and cable pressurizers/dryers. In addition to this standard range delair® also supplies pressurizers in accordance with requirements of the customers.

delair® also meets the rapidly emerging needs of tomorrow by developing sophisticated new products and systems that help realise the most fulfilling requirements. Because of that, delair® supplies her products and services all over the world to an extensive list of industrial customers (delair® is ISO 9001 certified).

Why delair® Etsiline pressurizers?

Humidity, the critical issue

In theory wave guides and cables are airtight, however practice shows humidity leakage problems occur relatively shortly after installation. Temperature fluctuations and windspeeds cause pressure differences between the inside and outside of the system so that wet ambient air enters the system.

In addition, antenna-windows and connections are not completely water vapour tight as water vapour can diffuse through these areas.

To remove this humidity efficiently, a regular rinsing with dry air is required. A combination of a pressurizer/dryer and an exhaust assembly in the wave guide near the antenna-window guarantees sufficient removal of water vapour. This results in a reduced risk of corrosion and arcing and keeps the transmission performance at maximum efficiency. The benefit: Low maintenance costs with optimum service to users.

How delair® Etsiline Pressurizers Work

Etsiline pressurizers use porous materials (desiccants) to adsorb the water molecules from the air flow. Two desiccant adsorbers guarantee a continuous operation. When one adsorber is adsorbing moisture the other one is being regenerated.

Why delair® Etsiline pressurizers?

- Flexible arrangement
- Plug and Play
- Low noise and vibration
- High reliability
- Digital control and read-out
- Low power consumption and high efficiency

Flexible arrangement

delair® Etsiline pressurizers are suitable for wall, floor, ETSI and 19" rack mounting. The Etsiline pressurizers are equipped with a 6 valve manifold, each provided with a shut-off valve.



Plug and Play

Connecting the outlet air connection and connecting the pressurizer to mains is sufficient to start the operation. A dew point indicator shows if the dew point is within acceptable limits.

Low noise and vibration

All Etsiline desiccant pressurizers have an optimal sized and balanced low pressure compressor, resulting in low levels of vibration and noise.

High reliability

Reliability and long life are assured through the use of high quality components. These components need little or no maintenance resulting in low maintenance costs.



Digital control and read-out

The micro processor controlled printed circuit board ensures an optimal performance. A digital read-out gives a continuous and clear status of the process, working pressure and running hours.

Low power consumption and high efficiency

Optimal selection of components in combination with efficient low pressure air compressors results in low power consumption and high efficiency.