

AERZEN TURBO CONTAINER SOLUTION

The compact solution for wastewater technology



AERZEN

PLUG AND PLAY SOLUTIONS IN THE ISO CONTAINER

Highest energy efficiency alongside maximum flexibility

- ✓ Innovative system solutions with maximum flexibility for the reliable supply of compressed air
- ✓ Quick plug and play solution: Loading, setup and commissioning in less than 2 hours
- ✓ Compact and turnkey outdoor installation
- ✓ Simple handling with standardized ISO container
- ✓ Short distances and minimal pressure losses due to placement of the process air supply directly where they are needed
- ✓ Highest level of energy efficiency with innovative AERZEN Turbo Blowers
- ✓ Simple integration into supervisory control systems
- ✓ Highly effective silencing and ventilation
- ✓ No newbuild or rebuild measures required for machine room



MODIFICATIONS / ACCESSORIES

Bespoke and individual

- i Interface for field bus connection
- i Remote monitoring
- i Adjustment to special sound requirements and installation conditions
- i Extras such as circular silencers, heating, air conditioning units etc.
- i Special filter versions
- i Special temperature versions and Desert installation
- i Special colouration and corrosion protection
- i Combination with other blower technologies
- i 10', 20' or 40' ISO container
- i Side-by-side and roof-top installation

PERFORMANCE DATA

Turbo air from the container

The integrated blower solutions for wastewater technology are compact, quiet, efficient. Each ISO container consists of up to three turbo blowers in an extensive performance range.

Series	ATC ... - 0.8	ATC ... - 1.0
Volume flow [m³/h]	1,400 - 32,500	1,500 - 27,000
Performance [kW]	30 - 650	35 - 650
Pressure increase [mbar]	300 - 850	300 - 1,050

Efficient turbo technology meets absolute flexibility.

AERZEN has built turbo blowers since 1911. For many decades, we have taken these machines to a peak in terms of technology. Along the way, we've developed expertise that sets standards worldwide today. It is reflected in the performance characteristics and all components and details of the current turbo series.



SCOPE OF SUPPLY (STANDARD)

- 20' ISO container in RAL5001
- Dimensions 6,058 x 2,438 x 2,896 mm
- Integrated machine control (potentialfree contact / 4 ...20mA)
- Sound pressure level < 78 dB(A)

Extensive modifications and individual accessories for numerous applications and operating conditions available on request.



More information and practical examples on AERZEN Turbo container solutions are available on our website www.aerzen.com

AERZEN. Compression – the key to our success.

AERZEN was founded in 1864 as Aerzener Maschinenfabrik. In 1868, we built Europe's first positive displacement blower. The first turbo blowers followed in 1911, the first screw compressors in 1943 and in 2010: the world's first rotary lobe compressor package. Innovations "made by AERZEN" keep driving forward the development of compressor technology. Today, AERZEN is among the world's longest established and most significant manufacturers of positive displacement blowers, rotary lobe compressors, screw compressors and turbo blowers.

AERZEN is among the undisputed market leaders in many areas of application. At our 50 subsidiaries around the world, more than 2,500 experienced employees are working hard to shape the future of compressor technology. Their technological expertise, our international network of experts, and the constant feedback we get from our customers provide the basis for our success. AERZEN products and services set the standard in terms of reliability, stability of value and efficiency. Go ahead - challenge us!



**FIND
YOUR LOCAL
CONTACT**

www.aerzen.com/worldwide



Aerzener Maschinenfabrik GmbH
Reherweg 28 – 31855 Aerzen, Germany
Phone: +49 5154 81 0 – Fax: +49 5154 81 9191
info@erzen.com – www.aerzen.com



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EXPECT PERFORMANCE