

# Air of Life



Air for life. Climate for well-being. What we produce meets essential human needs. That drives us to do our best. System solutions for ventilation and air conditioning that inspire thanks to cuttingedge technology, reliability and sustainability. Worldwide.

NACON STORE

Hospital General Guasmo Sur, Guayaquil

# Passion for air and climate.

Driven by a spirit of innovation, passion and commitment to quality, we have achieved unmatched standards in the industry. As a family business from South Tyrol, we have become a global player in air conditioning and ventilation systems. Founded in 1977 with 8 employees dedicated to plant engineering and the production of ventilation ducts and air conditioning accessories, we decided to go the whole hog – with the production of complex system solutions for air and climate. Technological progress for best air quality. All in the interests of our customers.

#### **GLOBAL COMPANY**

Today, our second-generation family business is active all over the world. In cutting-edge production plants, we manufacture advanced air conditioning and ventilation units for a wide variety of areas and requirements. With excellent references from home and abroad. We owe this to our highly trained and motivated employees as well as to our attitude towards the environment. We are the industry benchmark for sustainability and energy efficiency, for example through heat recovery.



"It's a nice feeling when the next generation shares the same passion for innovation, air and climate. The company is in good hands with them."



# 17.000 km

of **profiles** have been produced. This equals the **distance from London to Sydney**.

WALTER WEGER, company founder



## 100 million kg

**metals** have been processed. This equals the weight of approximately **300** fully refuelled **Boeing 747s**.



## Air for innovation.

The pure air of the Dolomites has, how could it be otherwise, a great influence on our thinking and acting. Additionally, we build on our tradition of craftsmanship – solidity, reliability and the utmost care from execution to assembly. However, it is our quest for innovation that has allowed us to grow sustainably. We work tirelessly on the technical development of our enclosures and units. The best air quality and the greatest possible energy efficiency are challenges that always lead us to new, better solutions. Research and development – the lifeblood of our company. A glance at our production reveals what innovative strength can achieve.

The main plant in Kiens in South Tyrol, where the DIWER, DIWER EVO and DIWER TE series are manufactured, is avant-garde. One of the most leading-edge punching and laser centres for sheet metal processing in Europe is located here. The ultra-modern technology makes it possible to produce art-specific unit series with the patented WEGER frame with inlaid panels largely fully automatically. Of course, we install airconditioning technology of the latest stateof-the-art. Whatever the project, whether a full air conditioning system for filtering, heating, cooling, aeration, be it a ventilation system with heat recovery, Hygienic or ATEX version, be it for indoor or outdoor installation: we supply the solution you need. Tailor-made and professionally planned.

Broad expertise, versatile unit series and our own calculation software, WGK, ensure satisfied customers even before commissioning. And it stays that way after installation. Imperia, our intelligent control system, makes the operation a child's play and our Meteor software creates transparency in life cycle costs. All this comes with exemplary after-sales support.

### DIWER, DIWER EVO & DIWER TE Best conditions

Profiles, panels and technologically innovative ideas – in principle, you don't need anything more to get to the top. Our intelligent frame system allows almost unlimited construction methods, is equipped with a unique screwless and rivetless clamping strip system and impresses with uncompromising material and processing quality. This is how you build success.

#### DIWER

With this series, WEGER achieved a breakthrough in 1992. Today a "classic", DIWER is the epitome of excellent housings for the installation of ventilation and air-conditioning systems.

#### **DIWER EVO**

Consistent further development of thermal separation and unmatched energy efficiency. DIWER EVO is our top product, the result of decades research and development.

#### **DIWER TE**

The economical hybrid solution between the "classic" and top model DIWER EVO.

### **Clean work**

Precision and accuracy are the air we breathe, so to speak. We ensure that units and components are always precisely matched to the standards and regulations of the respective industry. In addition, we have an integrated management system with certificates for quality, the environment as well as occupational health and safety. Customers and employees can trust us in all areas.

As far as the green values are concerned, we naturally play in the upper league as an RLT member. The energy efficiency of most devices is A+. Our participation in the Eurovent certification programme also ensures transparency in the classification of classes. We also strictly adhere to the new EU Ecodesign Directives (ErP). For us as South Tyroleans, climate protection is not just a regulation, but a true concern.





With the Atex marking according to directive 2014/34/EU we guarantee the safety of our devices for use in potentially explosive atmospheres. "The work is technically challenging, the working atmosphere is good – and I have the chance to develop further. A job I like!"

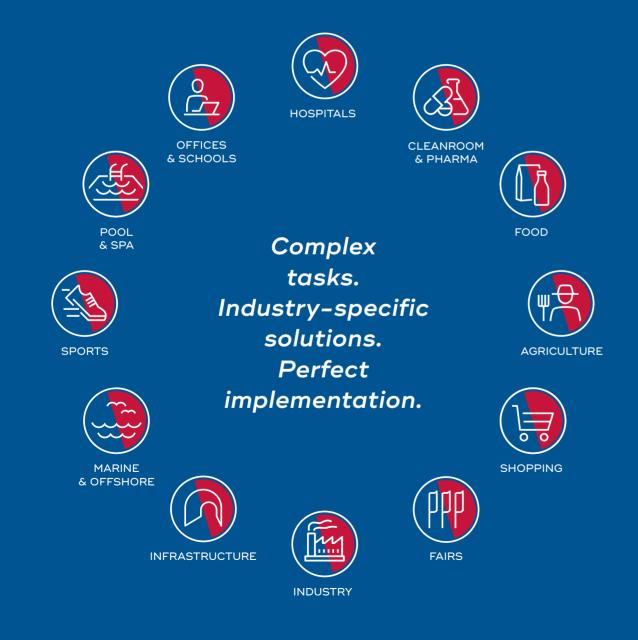
SIMON AUER, employee in production

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# Fresh air made to measure.

Shopping centre or offshore platform, hospital or food production – no two tasks are the same when it comes to air and climate. A challenge cut out for our experts. They develop tailor-made solutions and designs that perfectly meet every requirement – thermal comfort, hygiene, drying, dedusting, detoxification, Sound insulation or energy recovery. Our expertise is particularly in demand when the highest requirements must be met, such as sterile air in operating theatres. The Diamant, Goliath and Sairios series of compact units show just how well we know the needs of the market. Whether turnkey unit or special ventilation technology – our many years of experience pay off.







# MARINE & OFFSHORE Burbo Bank

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The ventilation system for the interiors of the central platform of the Burbo Bank wind farm meets the special requirements perfectly. Autonomous heating and cooling, fail-safe due to redundant operation of the fans, resistance to aggressive sea air. Tailor-made WEGER.

#### PROJECT DATA

Location:Liverpool Bay, GBYear of construction:2015Solution:Supply and exhaust air systemProduct:Ventilation unitPower:4,000 m³/h air,Technical details:Halogen-free and fire-resistant<br/>wiring



"The exposed location 7 km off the coast was a challenge – from material to assembly."

FABIAN PEINTNER, WEGER Sales and Technology



"Construction and transport of the giant devices - brilliantly mastered by WEGER."

FRITZ HEINIGER, WEGER sales partner Switzerland, Zurich office







Location: Ebikon, Canton of Lucerne, CH Year of construction: 2016 Solution: Ventilation and air conditioning Products: 41 ventilation units 570,000 m<sup>3</sup>/h air, Power: energy recovery 2,850 kW Technical details: 2 large appliances with dimensions of  $15.5 \times 9.2 \times 5$  m, delivered with 17 trucks, mounted in 8 working days per large unit

#### SHOPPING

## Mall of Switzerland

The second largest shopping and leisure centre in Switzerland. A mega project for WEGER. We supplied ventilation and air conditioning solutions for a total area of 65,000 m<sup>2</sup>. The enormous dimensions dictated the number and size of the devices. Among them giants of 5 m height. The separation points were planned so that the devices could be delivered in 30 individual cubes (2 per truck). WEGER, in demand for major projects.

#### PROJECT DATA





### HOSPITAL St. Elisabethen-Klinikum

With 500 beds and state-of-the-art medical technology, the St. Elisabethen-Klinikum Ravensburg is the leading clinic in the region – and a first-class reference for WEGER. The ventilation and air conditioning solution with perfect thermal decoupling also included 4 HPS systems, consisting of the WEGER high-performance hydraulic modules for energy recovery and the Imperia control system. WEGER, hygienically first-class.

#### PROJECT DATA

Location:	Ravensburg, Baden-Württemberg
Year of construction:	2016
Solution:	Ventilation and air conditioning
Products:	11 ventilation units
Power:	293.000 m <sup>3</sup> /h air,
	energy recovery 640 kW
Technical details:	4 HPS systems,
	Internal and external coating in accordance
	with the applicable hygiene guidelines
Certificates:	VDI 6022 for hygiene requirements,
	DIN 1946-4 standard for buildings
	and rooms of the health care sector







"A complete solution that demonstrated our expertise in clinically clean air."

HARALD BETZ, Sales partner Germany, Stuttgart office

## **Production plants** and distribution

Air for life is in demand. Outstanding quality no less. That is why we are ideally positioned. With two production plants in Europe and one in South America, we supply the global market with our system solutions. These include world-famous companies such as IKEA, Audi, Deutsche Bahn, METRO and Bayer. The distribution network corresponds to the size of our company: 19 locations in Europe, sales partners in over 25 countries and three continents. For successful projects without frontiers.

### Production plants

#### ITALY / HEADQUARTER

Weger Walter GmbH Kiens/Ehrenburg T. +39 0474 565253 www.weger.it

#### HUNGARY

Weger Hungária Kft. Jászárokszállás T. +36 (06)57 531270 www.weger.hu

#### BRAZIL

Weger do Brasil Ltda. Mogi das Cruzes / SP T. +55 (0)11 47227675 www.weger.com.br

### Sales offices

#### GERMANY

T. +49 (0)89 7142066 www.weger.de Weger Munich Weger Bingen Weger Koblenz Stuttgart Office Dresden Office Leipzig Office Hanover Office Bremen Office Hamburg Office Rostock Office

#### ÖSTERREICH

T. +43 (0)4852 712600 www.weger.hu www.weger.co.at Weger Lienz Weger Innsbruck Linz Office Bregenz Office

HUNGARY T. +36 (06) 30 3664274

T. +44 (0)1225 701864

www.weger-air.co.uk

Weger Melksham

Weger Budapest

SWITZERLAND

Lausanne Office

GREAT BRITAIN

T. +41 (0)62 8382828

T. +41 (0)31 3871616

T. +41 (0)21 6514900

Zurich Office

Bern Office

### Sales partners

#### EUROPE

Belgium Bosnia & Herzegovina Ireland Croatia Luxembourg Macedonia Montenegro Netherlands Portugal Russia Romania Serbia Slovakia Slovenia Czechia Ukraine Belarus

#### AMERIKA

Argentina Chile Ecuador Colombia Mexico Peru

#### AFRICA Egypt



### Weger Walter GmbH

Handwerkerzone 5 I-39030 Kiens/Ehrenburg (BZ)

T. +39 0474 565 253 F. +39 0474 565 011 info@weger.it www.weger.it A company from

