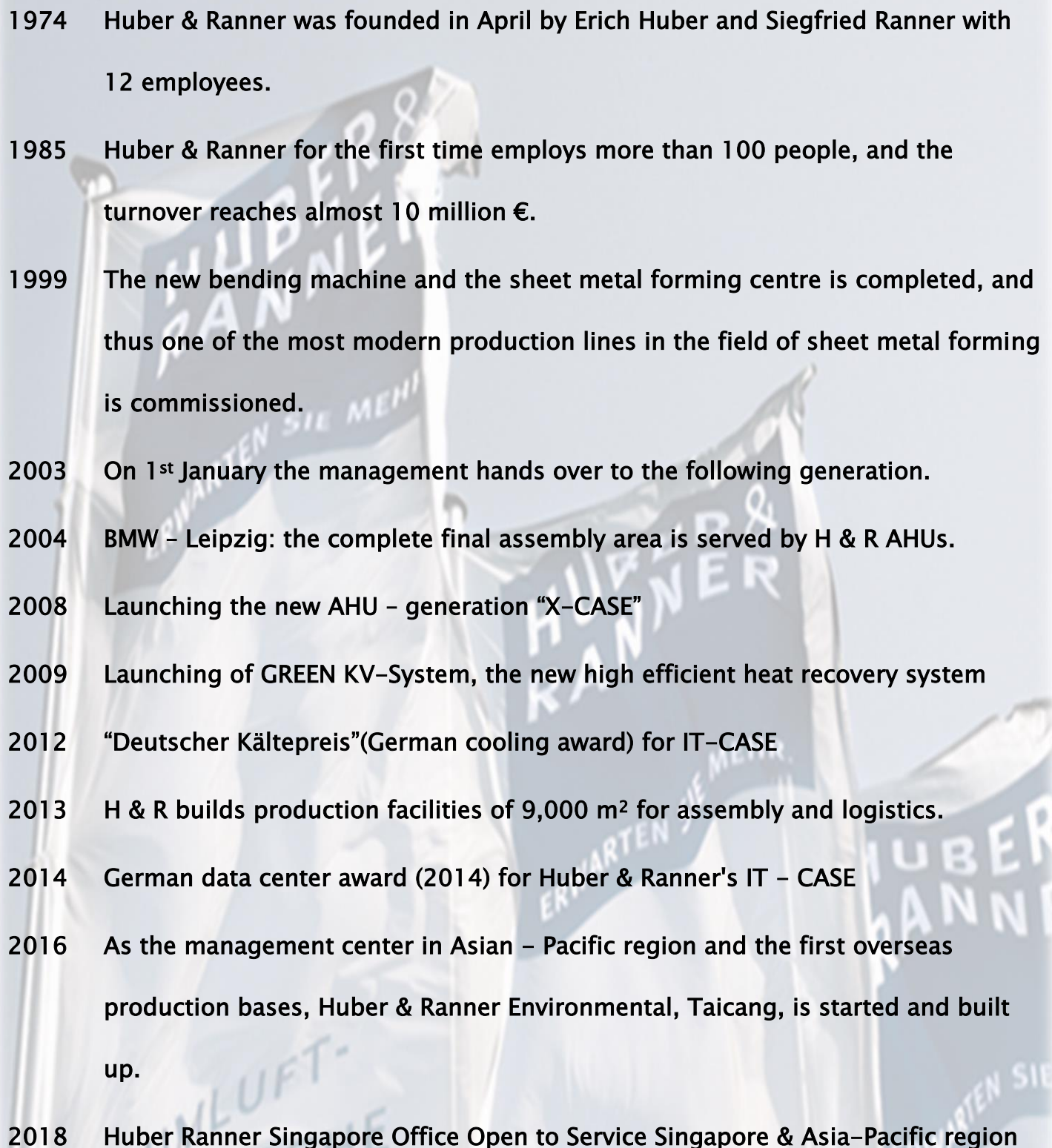




Transmission and Innovation

History of Huber & Ranner

- 
- 1974 Huber & Ranner was founded in April by Erich Huber and Siegfried Ranner with 12 employees.
- 1985 Huber & Ranner for the first time employs more than 100 people, and the turnover reaches almost 10 million €.
- 1999 The new bending machine and the sheet metal forming centre is completed, and thus one of the most modern production lines in the field of sheet metal forming is commissioned.
- 2003 On 1st January the management hands over to the following generation.
- 2004 BMW – Leipzig: the complete final assembly area is served by H & R AHUs.
- 2008 Launching the new AHU – generation “X-CASE”
- 2009 Launching of GREEN KV-System, the new high efficient heat recovery system
- 2012 “Deutscher Kältepreis”(German cooling award) for IT-CASE
- 2013 H & R builds production facilities of 9,000 m² for assembly and logistics.
- 2014 German data center award (2014) for Huber & Ranner's IT – CASE
- 2016 As the management center in Asian – Pacific region and the first overseas production bases, Huber & Ranner Environmental, Taicang, is started and built up.
- 2018 Huber Ranner Singapore Office Open to Service Singapore & Asia-Pacific region

Expect More

Keep Innovating and German Quality

2016 H & R Environmental is established in Taicang, China

Huber & Ranner Environmental, Taicang

Huber & Ranner is a German enterprise with more than 40 years history, which is focus on manufacturing and research of air handling units. Huber & Ranner is also the principal maker for the RLT standard, which is the air handling industry standard in Germany. Huber & Ranner Environmental, Taicang, is a Sino – German joint venture corporation, serving as the headquarter in Asian–Pacific region of Huber & Ranner. The company possesses remarkable team (composing with the top designers, researchers, and experts), global advanced production process equipments and manufacturing experiences.

Based on industry 4.0 positioning, Huber & Ranner provides customized service with high–end air handling units. By means of high standard requirements, professional design, persistent research and flexible production, we offer professional and personalized customized schemes of air handling units to the customer, which insures our products’ iconic status in the market.

Huber & Ranner not only persists in the professional and precise attitude when manufacturing the air conditioning unit, but also runs through the whole procedure of products’ sale, installation, and after–sales service. Huber & Ranner supplies high quality service throughout the whole value chain and offers perfect products and service experience for the customer with the integration of research and development, products, sale, installation, debugging and after–sale service.

Relying on the rich development experience, rigorous German technique and the leading technology, Huber & Ranner is the indisputable leader in the field of the cleaning air conditioning unit used in hospital in Europe.

We safeguard safe and neat air for you!



Out of Concentration Came the Professionalism

The European Standard

Wir bestätigen die Firma
Huber & Ranner GmbH
in
D-64686 Pöcking

aufgrund der mit positivem Ergebnis abgeschlossenen
Prüfung der

**RLT-Geräteauslegungs-Software
Klimamanager
Version x.x.xxx**

das die Anforderungen gemäß dem Prüf- und Zertifizierungsprogramm
der TÜV SÜD Industrie Service GmbH erfüllt sind und
Der Hersteller ist bereit, folgende Pflichten zu beenden:

A+ A B

Das Zertifikat ist gültig bis einschließlich 31.12.2017
Zertifizierungsnummer: 081006

TÜV SÜD INDUSTRIE SERVICE GMBH HERTZENGASSE 10 D-69126 HEIDELBERG

HUBER & RANNER
ERWARTEN SIE MEHR

Huber & Ranner GmbH
Gevelberg 15
D-64686 Pöcking

Huber & Ranner ist Hersteller des Qualitätsmanagementsystems VDI 6022 Blatt 1 (AUSGABE 2018-01)

VDI 6022 BLATT 1 (AUSGABE 2018-01)

Hersteller, der Produkte (hier: RLT-Geräte) unter der European A+1001
EN 12007 (Teil 4, RLT-Geräte) herstellt oder herstellt lassen. In der Regel der
4. Fachbereich des VDI 6022 Blatt 1 (AUSGABE 2018-01) und des
Sonderanhangs 10.

Hersteller, der Produkte (hier: RLT-Geräte) herstellt, die unter der
European A+1001 EN 12007 (Teil 4, RLT-Geräte) herstellt oder herstellt lassen.

Hersteller, der Produkte (hier: RLT-Geräte) herstellt, die unter der
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Hersteller, der Produkte (hier: RLT-Geräte) herstellt, die unter der
European A+1001 EN 12007 (Teil 4, RLT-Geräte) herstellt oder herstellt lassen.

ZERTIFIKAT
DIN EN ISO 9001

PÜG Prüf- und Überwachungsgesellschaft mbH
bezeichnet hiermit, dass das Unternehmen

HUBER & RANNER
ERWARTEN SIE MEHR

Huber & Ranner GmbH
Standort: Gevelberg 15
94060 Pöcking

Bereiche: Entwicklung, Herstellung und Vertrieb von
Lüftungs- und Klimatechnik mit
integrierter Kabell- und Regelungs-technik,
sowie multifunktionale
Energieeffizienzsystemen

Standort: Vöslauerhof Ring 1
94060 Pöcking

Bereiche: Endmontage und Lager
ein Qualitätsmanagementsystem entsprechend der DIN EN ISO 9001:2008
eingeführt hat und dieses wirksam anwendet.
Das Nachweis wurde im Rahmen des Zertifizierungs/Audits erbracht.

Zertifikat über: **28.08.2013**
Dieses Zertifikat ist gültig von: **21.08.2015**
bis: **21.02.2018**

Zertifikatsnummer: **0827-2015-Q**

PÜG

Dakks
Deutsche
Akreditierungsstelle
für die EU-Mitglieder

PÜG

EUROVENT
CERTIFICATION

Certification Diploma N°: 12.12.001

Extreme Care Certification certifies that

Air Handling Units

from
HUBER & RANNER GmbH
Ernst-Reuter-Str.
94060 Pöcking Germany
EUROVENT
CERTIFICATION

has been assessed according to the requirements of the standard
EN 12007

The list of certified products is available at
<http://www.euroventcertification.com>

Manufacturing process:
Pöcking, Germany
ISO 9001:2008

EUROVENT CERTIFICATION
11, rue de la Loi • B-1049 Luxembourg • Luxembourg
In accordance with the rules specified in the European Manual
(EN 12007)

Huber & Ranner GmbH
Pöcking

Approved on: 2012-12-20
Rechecked on: 2015-02-27
Valid until: 2018-02-27

sira
CERTIFICATION

**QUALITY MANAGEMENT SYSTEM
CERTIFICATE**

This is to certify that the QUALITY MANAGEMENT SYSTEM of
**HUBER RANNER ENVIRONMENT
EQUIPMENT(TAICANG) CO.,LTD.**
Registered Address (Building), No.188, East Guangzhou Road, Taicang City, Suzhou,
Jiangsu, China

Audit Address No.188-3, East Guangzhou Road, Taicang City, Suzhou, Jiangsu, China

has been assessed by Sira Certification Service
and found to comply with
GB/T19001-2016 idt ISO9001:2015
for the
Manufacture and sales of air conditioning equipment and components

Certificate No: 16055
Organization Code: 91030804010102P
Initial Certification: 14 Dec 2015
Issue/Recertify Date: 14 Dec 2018
Certificate Expiry: 04 Dec 2019

Sira Certification Service

sira
CERTIFICATION

**ENVIRONMENTAL MANAGEMENT
SYSTEM CERTIFICATE**

This is to certify that the ENVIRONMENTAL MANAGEMENT SYSTEM of
**HUBER RANNER ENVIRONMENT
EQUIPMENT(TAICANG) CO.,LTD.**
Registered Address (Building), No.188, East Guangzhou Road, Taicang City, Suzhou,
Jiangsu, China

Audit Address No.188-3, East Guangzhou Road, Taicang City, Suzhou, Jiangsu, China

has been assessed by Sira Certification Service
and found to comply with
GB/T24001-2016 idt ISO14001:2015
for the
Manufacture and sales of air conditioning equipment and components

Certificate No: 16056
Organization Code: 91030804010102P
Initial Certification: 14 Dec 2015
Issue/Recertify Date: 14 Dec 2018
Certificate Expiry: 04 Dec 2019

Sira Certification Service

sira
CERTIFICATION

**OCCUPATIONAL HEALTH & SAFETY
MANAGEMENT SYSTEM CERTIFICATE**

This is to certify that the OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM of
**HUBER RANNER ENVIRONMENT
EQUIPMENT(TAICANG) CO.,LTD.**
Registered Address (Building), No.188, East Guangzhou Road, Taicang City, Suzhou,
Jiangsu, China

Audit Address No.188-3, East Guangzhou Road, Taicang City, Suzhou, Jiangsu, China

has been assessed by Sira Certification Service
and found to comply with
GB/T28001-2011 idt OHSAS18001:2007
for the
Manufacture and sales of air conditioning equipment and components

Certificate No: 16057
Organization Code: 91030804010102P
Initial Certification: 14 Dec 2015
Issue/Recertify Date: 14 Dec 2018
Certificate Expiry: 04 Dec 2019

Sira Certification Service

Expect More

Out of Professionalism Came the Quality

Developing the hygienic manufacturing method is our highest uncompromised pursuit.

And the newly-developed technology can make sure of the better hygiene and cleanness.

For making a tribute to customers' success, it is necessary to know them well!

Geographically speaking, our presence gives us proximity to our customers, their markets and their specific requirements. Still, it is our employees who ensure that, wherever in the world we get to know these in depth and work to understand their problems better. Our employees delve deeply into industries, products and applications; their thoughts accompany and anticipate. In doing so, they are supported by a corporate culture that promotes, stimulates and motivates a high level of personal responsibility.

HUBER & RANNER's Services

Your unit is in the focus

Engineering

- System engineering
- Sizing
- Budgeting
- Technical guidance
- Design

Design / Manufacturing

- design
- Personnel project management
- Exact sizing
- Technical optimization
- Coordination with site erection
- Factory acceptance test
- Commissioning test
- Logistics – delivery of site
- Logistics – containers by customer
- Logistics – special transportation

After sales

- Supervisor
- Full service on-site-erection
- Startup assistance
- Spare parts
- Maintenance assistance

Expect More

Out of Professionalism Came the Quality



H & R – Assuring the customers

No matter in the planning, designing / construction or aftersales stage, by providing customized service can we meet all customers' needs.

- Planning with us: you gain freedom whilst concentrating on the core of your work.
- Construction with us: your processes will be supervised by experts
- After sales by us: you can budget with precision, as the costs are transparent at all times

Core Advantage

Quality, The Representative



Casing Mechanical Strength : D1

Air leakage rate: L1

Thermal factor: T2

Cold bridge:TB1

Follow the following criteria :

EN1886

DIN 1946

RLT guideline 2014

VDI6022

GB50591

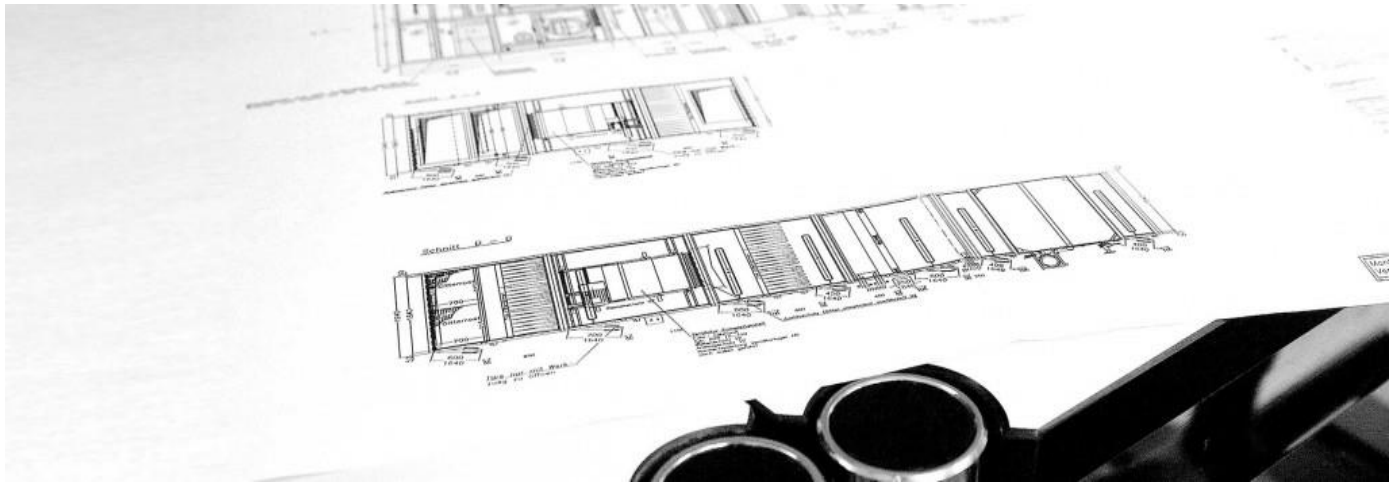
GB/T14294-2008

GB50333-2013

EN14470

Expect More

Out of Professionalism Came the Quality



Quality

Improving the products' quality continuously according to the constantly changing demands and requirements is the motivation of our daily work. High quality products can help us retain the leading position in the market and provide the best service for you. Quality assurance is not only the task of the experts, but also the goal of unremitting struggle of every employee of Huber & Ranner.

Responsibility

Each individual employee bears responsibility for the manufactured products and for their working performance. Exactly for this reason our customers can expect the best from us.

Flexible

Huber & Ranner can respond flexibly to various aspects!

Our products are designed into special modular components, which can be installed anywhere, and can be customized according to the customers' special requirements and needs. In the after-sales service field, we also have the ability to solve the problems rapidly and flexibly by our experienced and high-quality service team.

Teamwork

We insist on quick decision-making and a lack of bureaucracy and on customer satisfaction!

Only with close cooperation and teamwork for our employees, we are able to react to the various requirements of our customers - fast and flexibly.

Staffs

Professional, Dedicated and Reliable



Professionalism

Huber & Ranner integrates professionalism, openness, reliability, passionate responsibility and dedication together. We have the open and direct communication with our customers and realize the customers' ideas from a professional perspective.

Dedication

High-quality staffs work sedulously to create excellent industry brand. We construct the foundation of technological innovation, which is also our greatest pride. When our endeavors are translated to your full satisfaction on the solution, we feel very happy and excited.



Reliability

We can ensure that every staffs possess professional ability and personal advantage to solve problems, and perfect cooperation with teams and enterprise.

Huber & Ranner

Best service & Perfect solution

We devote a lot of time to standardized quotation, developing unified product, supplying door-to-door service, and so forth. Designers and equipment installation staffs often seek specific solution to satisfy special requirements of customers.

To satisfy every customer is the fine tradition of Huber & Ranner. For the factory in Asia Pacific Region, this fine tradition will be continued and held fast with understanding every customer's special demand, providing high-end and flexible solution, tracking the whole process until the project is completed.

In the same way, it is our differentiated development direction in the further.



“As the leader manufacturer, we have supplied flexible solution to satisfy customer’s special demands since 1974, which is our differentiated development direction in the further.”

Dietmar Huber / Udo Ranner



“As a leader of high-end cleaning air conditioning unit, we keep the idea “simplicity the better and honesty the foundation”. We will adhere to the spirit of German craftsman and contribute to enhance air quality in China and even in the Asia Pacific Region.”

Billy Yang (GM for Asia Pacific Area)

Validation Service

Timely Service and Execution



After providing the equipment for you, we are willing to supplied after-sales service and after-sales support to let you at ease. For example, our consulting service can provide help to you, no matter communicating on site or by telephone.

It's our pleasure to serve you on maintenance, especially large-scale projects or complex individual devices. We will recommend professional technical person to ensure your project and equipment proceed smoothly.

Increasing Requirement, Increasing Know-how You have to rely on it, day by day!

You rely on ventilation and air conditioning systems day by day?

If this is the case, with Huber & Ranner you are in good hands. Just make use of a wide range of services. Ask our competent service team for consultation in respect of a service package tailored to your special needs.

Huber & Ranner's customer service is to provide a detailed response to your post-installation needs. Your individual wishes and requirements have highest priority for us.

We provide all our services for the life of your system.



Especially for large scale projects or complex individual devices, We will recommend professional technical person to ensure your project and equipment proceed smoothly.

Continuous Innovation, Multi-industries' Application

Energy conservation, Environmental protection, High efficiency



Nowadays, energy issues are the main topic of the world. In order to prevent climate warming, we must reduce energy use or enhance energy efficiency in various fields. Especially in the field of air conditioning equipment, there is tremendous energy saving potential. And meanwhile, energy saving technology is relatively mature. Therefore, Huber & Ranner set new standards for environmental awareness and action - manufacturing clean air efficiently and environmentally friendly.

Huber & Ranner adopt high quality materials and efficient technology in combination with advanced engineering technology. Our Green KV system can increase the efficiency of conversion from standard 50% to 75%, without any cross contamination between supply air and exhaust air.

We strictly adhere to the European clean standards of easy - cleaning and highly cleanliness. We restrict us by the highest standards of industry and provide customized service for every customer with high quality products and services.



Diversified Products

Different demand, different choice

X-Case: Air Volume range: 1,000m³/h ~ 1,000,000 m³/h

IT-Case: Air conditioner for data center

Green KV-System: For occasions requiring high thermal recovery efficiency and highest hygienic requirements



Numerous user experiences —— Trustworthy!

Cases —— Medical and Pharmaceutical Industry

Requirements for Air handling Units in Medical and Pharmaceutical Industry:

- The quality and stability rely on the air's cleanliness.
- Risk analysis and Preventive Maintenance are necessary for the pharmaceutical market.
- Energy recovery technology is very necessary since the energy consumption of HAVC is too large in the Pharmaceutical industry.



Numerous user experiences — Trustworthy!

Cases — Healthcare Industry

Requirements for Air handling Units in Medical and Pharmaceutical Industry:

- The quality and stability rely on the air's cleanliness.
- Risk analysis and Preventive Maintenance are necessary for the healthcare market.
- The box is flat and not easy to breed bacteria.
- There are strict requirements for humidity and temperature control.



Zhongnan Hospital of Wuhan University



Maria Hospital, Stuttgart, Germany



Kongjiang Hospital, Shanghai



Suizhou Central Hospital



Nanjing Children's Hospital



Nanjing Jiangning Hospital



Columbia Hospital Wuxi



Parway Pantai, Shanghai



Columbia Hospital Shanghai

Numerous user experiences —— Trustworthy!

Cases —— Automobile Industry

Requirements for Air handling Units in Automobile Industry:

- Large air volume
- Mechanical strength
- Sealing performance
- Energy conservation
- Special maintenance methods (external lights, motors, etc.)
- Non-standard product, customized design
- Corrosion resistance unit without spraying process
- Silicone resin free



Das Auto.



Mercedes-Benz



Numerous user experiences — Trustworthy!

Cases — Electronic and semiconductor Industry

Requirements for Air handling Units in Electronics Industry:

- Air handling Units has high internal full pressure, which requires high air leakage rate, frame and plates strength.
- There are strict requirements for dust concentration and particle size of air supply, and multiple filtration measures of crude, medium, sub-high or high efficiency are needed.
- There are strict requirements for indoor organic pollution and heavy metal pollution control. Sometimes chemical filtration and washing measures are needed. And there are many functional sections in the unit.
- Coil handle enthalpy difference is large, dew point temperature after air treatment is low, and the requirements for thermal insulation, anti-cooling bridge and anti-condensation dew of unit wall are high.
- Fans and motors should choose high efficiency products, and generally adopt direct drive mode.
- It is necessary to strictly control the positive pressure difference between clean rooms of different grades, between clean rooms and the outside world. Frequency conversion and speed regulation measures are usually adopted for exhaust and supply fans.

LEONI

infineon

CERN

YEARS/ANS CERN

FAB
MIXED-SIGNAL FOUNDRY EXPERTS

e-on

HILTI

lumberg automation
A BELDEN BRAND

Micron

SIEMENS



BOSCH

QUALCOMM

siltronic
perfect silicon solutions

AT&S



SEAGATE



**华虹
HUAHONG**

REC

ST
STMicroelectronics

Valeo

amun

QI OPTIQ
Photonics for Innovation

Numerous user experiences — Trustworthy!

Cases — Commercial building, Residential building

Requirements for Air handling Units in Commercial building, Residential building:

- Comfort and convenience
- Energy conservation and low noise
- Long service life and easy maintenance
- Beautiful appearance
- cost-effective performance



Museum of natural history,
Berlin



Skyline Plaza,
Frankfurt



RWTH Aachen University,
Germany



The New Bund,
Shanghai



West Mall,
Singapore



Steinway piano exhibition hall,
Shanghai



Bishui Manor,
Beijing



Yifang residence,
Dalian

**HUBER &
RANNER**

ERWARTEN SIE MEHR.



**ANY QUESTIONS?
TALK TO US!**

Huber & Ranner GmbH

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D-94060 Pocking

Germany

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Huber & Ranner | Germany – China – Singapore