



RoseBuild

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FACTORIES



Leaves a Trail in the Future World

Factories 1

Rooftop Packaged ACs,
Air Handling Units, Fan Coil Units



Factories 2

Water Chiller and Heat
Pump Systems



PERFORMANCE TEST LABORATORY & RESEARCH CENTERS



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• Fan Coil & Air Terminal Units • Package Air Conditioning Systems • Water Chiller & Heat Pump Systems



Eliminate
all the risks
at start up



Know in advance
how the unit will
operate at actual
operating
conditions



Verify unit limits
at severe
operating
conditions

AIR HANDLING

Units



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Flexible, Modular and Energy Efficient Air Handling Units

- Unlimited Modular, Flexible and Energy Efficient Air Handling Units
- 23 Different Cross-sections Up to 100.000 m³/h Airflow
- TUV tested and EUROVENT certified according to EN 1886
- Full compliance with Eco-Design 2018

Improved Indoor Air Quality

- Enhanced Indoor Air Quality Standards
- Integrated Electronic Regulation
- Energy Saving Customized Solutions for All Commercial Buildings

Mechanical Performances

- Casing Strength: D1 Class
- Filter By-Pass Leakage: F9 Class
- Casing Air Leakage: L1 Class
- Thermal Transmittance: T2 Class
- Thermal Bridging Factor: TB2 Class

Thermal and Acoustical Insulation Options:

Mineral Wool / Rock Wool / Glass Wool / Polyurethane

Panel Thickness Options:

60 mm / 50 mm

HYGIENIC AIR HANDLING

Units



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Meet Our Highest Hygiene Criteria!

- Excellent Hygienic Air Control
- 23 Different Cross-sections up to 100.000 m³/h Airflow
- Full compliance with Eco-Design 2020

Improved Indoor Air Quality

- Enhanced Indoor Air Quality Standards
- Easy Cleaning and Continuous Drain
- High Design and Production Technology



Easy Cleaning and Continuous Drain



High Design and Production Technology



Excellent Hygienic Air Control



Certified Hygiene Features



Laminar Flow Units and Hepa Filter Boxes are also available.

- ✓ EN 1886
- ✓ VDI 3803
- ✓ VDI 6022
- ✓ DIN 1946
- ✓ EN 13053



THERMOFRESH

Heat Recovery Units



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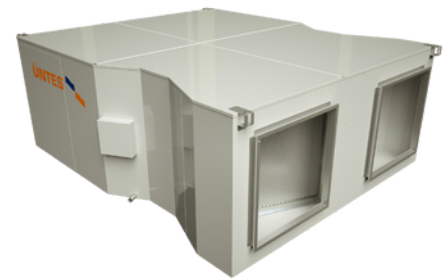
ThermofreshPlus UTFP Series

- Compatible with latest Ecodesign regulation requirements
- 8 Different sizes up to 3.600 m³/h airflow rate
- Design without profile (without thermal bridge)
- 40 mm thick double skinned casing structure
- Counter-flow heat recovery system up to 90% thermal efficiency
- Proportional flow control powered by highly efficient ec plug fans
- Electrical pre and post-heater options
- DX and water heating/cooling coil options
- IP 67 panel option
- Minimum energy consumption with advanced automation control system
- Remote access with Wi-Fi technology



Thermofresh UTFS Series

- Uniform Airflow Enabling Low Sound Level and Low Energy Consumption Thanks to Aerodynamic Casing Design
- 9 Different Sizes up to 5500 m³/h Airflow Rate
- Highly Efficient Aluminium Plate Cross-Flow Heat Recovery System
- Low Sound Level
- 6 Staged Airflow Rate Control Powered by Highly Efficient Coupled AC Plug Fans or AC Centrifugal Fans
- Minimum Thermal Leak Achieved by 10 mm Elastomeric Rubber Foam Insulation with Low Thermal Conductivity and High Water Vapor Diffusion Resistance
- Minimum Energy Consumption Thanks to Advanced
- Automation Control System Remote Access to Unit with Wi-Fi Technology



ROOFTOP PACKAGE AIR CONDITIONERS

Devices



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ECOSER Series

- Compliance with ErP 2021 requirements.
- Nonstop operation with 100% fresh air.
- Low GWP R454B refrigerant.
- Effective Efficiency Control System (EEC System).
- Low sound level.
- Thermal or enthalpic controlled free cooling alternatives.
- Thermodynamic heat recovery. (Standard)

57 - 264 kW

58 - 268 kW

Airflow: 7.000-48.300 m³/h



Tropical Range for T3 Air Climates

URTT Series

Tropical Packaged Air Conditioning Solutions

- High Energy Efficient Packaged Air Conditioners
- Eco-Friendly R410a Refrigerant Gas
- Monoblock Compact Unit
- Advanced Control Options

Compactness with Well Qualified Air

- Optimal Energy Efficiency, Air Quality and Comfort
- Wide and Versatile Range
- Energy Saving Solutions for All Commercial Buildings
- Operation up to 53°



WATER CHILLER & HEAT PUMP Systems



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- Ideal Temperature and Indoor Air Quality for All Seasons Efficient Range in Class A
- Extended Operating Limits up to 55 °C
- Linear Capacity Control (25-100%)
- Variable Vi Screw Compressor (VFD) Versions
- Continuous Power Regulation from 12.5 to 100%
- High Energy Efficiency Certified by Eurovent
- Water Chiller & Heat Pump Systems Fan Coil



Air Cooled Chillers (Scroll and Screw)

- ❄️ 15-1.750 kW
- 🔥 15-700 kW (Heat Pump)

Water Cooled Chillers (Scroll and Screw)

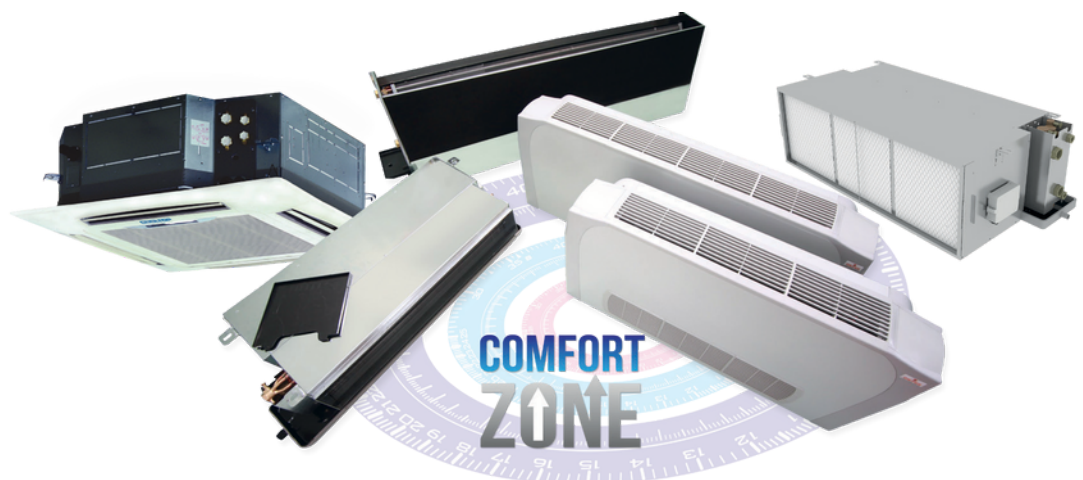
- ❄️ 15-1.635 kW
- 🔥 17-515 kW (Heat Pump)

FAN COIL & AIR TERMINAL Units



Leaves a Trail in the Future World

- Ideal Temperature and Indoor Air Quality for All Seasons
- Wide And versatile Production Options
- Advanced Electronic Control Options
- Low Energy Consumption And High Comfort
- Outstanding Reliability And High Quality
- Eurovent Certified Series
- Up to 200 pa External Static Pressure for Air Terminal Units



- ❄️ 1,20-40 kW
- 🔥 1,45-101 kW

EXPORT SALES OFFICE

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Cukurambar, **Ankara, Turkey**
T+90 (312) 287 91 00 **F**+90 (312) 284 91 00
Email: export@untes.com.tr

MANUFACTURING PLANT-1

Air Handling & Ventilations Systems
Fan Coil Systems
Packaged Air Conditioning Systems
Address: Istanbul Road 37th km
Kahramankazan, **Ankara, Turkey**

MANUFACTURING PLANT-2

Water Chiller and Heat Pumps
Address: Istanbul Road 24th km
Saraykoy, **Ankara, Turkey**

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