Rooftop Packaged Air Conditioners Tropical Range

• URTT 018-276

CERTIFIED ISO 9001 ISO 14001
plug & play CE PED
2014/68/EU
URTT Series
Tropical Range Rooftop Packaged Units for T3 Air Climates

Cooling capacity: 18.33 kW - 275.96 kW

- High Energy Efficient Packaged Air Conditioners
- Eco-Friendly R410a Refrigerant Gas
- Monoblock Compact Unit
- Advanced Control Options
- Optimal Energy Efficiency, Air Quality and Comfort
- Wide and Versatile Range
- Energy Saving Solutions for All Commercial Buildings

Structural Features

- **Construction and Panel:** Corrosion Resistant Self-supported Frame
- **Sheet Metal Material:** Powder Coated Galvanized Steel
- **Thermal and Acoustic Insulation:** High Performance Thermal and Acoustic Insulation with Various Options
- **Refrigerant Control:** Thermostatic / Electronic Expansion Valve Options
- **Heating:** Electrical Heating Options
- **Heating / Cooling Coil:** Copper Pipe Aluminum Fins with Various Coating Options
- **Supply Fan & Motors:** High Efficiency Belt Driven Fans with IE2 / IE3 Motors
- **Pressure:** High / Low Pressure Gauge
- **Power and Regulation:** IP54 / IP55 Class Built-in Power and Control Panel

Types

- **BSC SS:** Unit with Basic Controller
- **ADV SS:** Unit with Advanced Microprocessor

Versions

- **SS:** Cooling Only

Optional Features

- Filter Clogging Alarm
- Coil Coating
- Outdoor Coil Protection Grill
- Stainless Steel Drain Pan
- High/Low Capacity Electrical Heater
- Electronic Expansion Valve
- Hot Gas Bypass
- Room Display Unit
- Pump-Down Application
- Dehumidification Control Feature
- Supply Temperature Control
- Smoke Detector And Fire Alarm
- External Fire Alarm
- Low Pressure Transmitter
- High Pressure Transmitter
- IP55 Electrical Panel
- Main Circuit Isolator
- Modbus Rtu Communication Card
- Safety Relief Valve
- Ball Type Shut-Off Valve
- Metal, Panel and Bag Filters
- Adjustable Belt Pulley System

PED 2014/68/EU
### Rooftop Packaged Air Conditioners

#### URTT Series

<table>
<thead>
<tr>
<th>URTT Series</th>
<th>018–094</th>
<th>108–276</th>
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</thead>
<tbody>
<tr>
<td><strong>Technical Specifications</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal Airflow Rate</td>
<td>m/h</td>
<td>2,800</td>
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<tr>
<td>Gross Cooling Capacity</td>
<td>kW</td>
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<tr>
<td>Net Cooling Capacity</td>
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<td>Net Sensible Cooling Capacity</td>
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<td>EER</td>
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<td>BL/WWh</td>
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<tr>
<td>Maximum External Static Pressure</td>
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<tr>
<td>Circuit-Compressor Qty</td>
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<td>1-1</td>
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#### Dimensions

<table>
<thead>
<tr>
<th><strong>Dimensions</strong></th>
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<tbody>
<tr>
<td>Width (W)</td>
<td>mm</td>
<td>1,362</td>
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<tr>
<td>Height (H)</td>
<td>mm</td>
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<tr>
<td>Length (L)</td>
<td>mm</td>
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#### Weight

<table>
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<th><strong>Weight</strong></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>kg</td>
<td>374</td>
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</tbody>
</table>

### Technical Specifications

- Capacities as per AHRI 340/360 standard @ 26.67/19.4 °C coil inlet and 35 °C ambient temperature.
- Capacities @ 26.67/19.4 °C coil inlet and 46°C ambient temperature.
- Energy Efficiency Ratio at full load as per AHRI 340/360 standard.
- Maximum ESP at nominal airflow rate according to metal filter for high pressure class units.

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**Technical Specifications**

- **Nominal Airflow Rate**
- **Gross Cooling Capacity**
- **Net Cooling Capacity**
- **Net Sensible Cooling Capacity**
- **Comps. Abs. Power**
- **Gross Cooling Capacity**
- **Net Cooling Capacity**
- **Net Sensible Cooling Capacity**
- **EER**
- **Maximum External Static Pressure**
- **Circuit-Compressor Qty**

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**Dimensions**

- **Width (W)**
- **Height (H)**
- **Length (L)**

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**Weight**

- **Total**

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Control System

Standard Control Features

URTT control panel presents all features of basic air conditioning applications itself.

- Stylish design, digital display
- Cool/Off/Heat and Fan Auto/On selection
- Cooling + Electric heater
- Integrated sensor
- Uptime counter for filter
- Ability to set the program as temporary or permanent

Additional Control Options

- “Mode Area”: heating, cooling, automatic transition.
- “Big Area”: selected value (room temperature, set values, etc.) are displayed with its unit. If rotating menu is selected, more than one value can be seen by pressing the setting key.
- “Time Band”: Passive/Active
- “Small Area”: the selected value can be seen with its unit or time value can be seen. The values displayed in this area can not be changed.
- “Fan Area”: The control status of inner unit fan is seen.
- “Function Lock”: it shows that the big area variable is locked against setting.
- “Time Band Area”: it shows which time band is active.
- “Day Area”: it shows the day.
- “Icon Area”: it shows the icons belonging to fan, alarm, etc. conditions.
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