T-SERIES COMPACT OUTDOOR

INDUSTRY STANDARDS
UL/cUL Listed; Type 12, 3R, 4; 4X optional; File No. SA6453
UR/cUR Recognized

UR/cUR Recognized on select models, reference performance data tables.
CE
EAC
telcordia GR-487 capable

APPLICATION
• Industrial automation
• Telecommunications equipment
• Package handling equipment
• Security and defense systems
• And more

FEATURES
• Stock models equipped with head pressure control for low-ambient operation, compressor heater, coated condenser coil, malfunction switch, thermostat and heater package
• R134A earth-friendly refrigerant
• Models for 115, 230 and 460 VAC power input
• UL Listed to save customers time and money with agency approvals (some models UL recognized)
• Outdoor model operating temperature range from -40 F/-40 C to 131 F/55 C
• Exterior and fully recessed mounting options on many models
• Compact footprint to minimize real estate and maximize capacity
• Reliable mechanical thermostat on enclosure side of the unit
• Dual condenser-side air movers for performance redundancy

• Painted galvanized sheet-metal cover for rugged factory and outdoor environments
• Easy-mount flanges for simple installation
• Cleanable, reusable aluminum mesh filter protects coils for maximum cooling performance
• Mounting hardware, gaskets and user manual furnished with the unit
• Every unit functionally tested before shipping
• Standard Outdoor Air Conditioner models also include:
  - telcordia GR-487 capable
  - Thermostat
  - Corrosion-resistant components
  - Malfunction switch
  - Compressor heater
  - Head pressure control
  - Enclosure heater

FINISH
• RAL 7035 light-gray, semi-textured powder-coat paint
• Other colors and textures available

OPTIONS
• Thermostat Malfunction Package
• Special Voltage Package
• Outdoor Package
• Harsh Environment Package*
• Stainless Steel Package*
• Heater Package
  * PROAIR A/C may be more appropriate. Refer to PROAIR A/C Chapter. Consult the Factory for availability and catalog number.

*
**Performance Data**  
*Model T15 800 BTU/Hr. (234 Watt) Models*

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>T150116G120</td>
<td>T150116G100</td>
<td>T150116G150</td>
<td>T150116G152</td>
<td>T150126G104</td>
</tr>
</tbody>
</table>

**COOLING PERFORMANCE**

Nominal:

<table>
<thead>
<tr>
<th></th>
<th>BTU/Hr.</th>
<th>Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800/800</td>
<td>235/235</td>
</tr>
</tbody>
</table>

At 131°F/131°F (55°C/55°C):

<table>
<thead>
<tr>
<th></th>
<th>BTU/Hr. (50/60 Hz)</th>
<th>Watts (50/60 Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>819</td>
<td>240</td>
</tr>
</tbody>
</table>

At 95°F/95°F (35°C/35°C):

<table>
<thead>
<tr>
<th></th>
<th>BTU/Hr. (50/60 Hz)</th>
<th>Watts (50/60 Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>948</td>
<td>278</td>
</tr>
</tbody>
</table>

Refrigerant: R-134A

Refrigerant Charge (ounces/grams):

| Indoor Model        | 4/113          | 3.8/107         |

Operating Temperature Range:

| Maximum (*°F/°C)   | 131/55         | 125/131/52/55   |
| Minimum (*°F/°C)   | -40/-40        | -40/-40         |

Airflow at 0 Static Pressure:

<table>
<thead>
<tr>
<th></th>
<th>Internal loop 50 Hz (CFM / m³/hr.)</th>
<th>External loop 50 Hz (CFM / m³/hr.)</th>
<th>Internal loop 60 Hz (CFM / m³/hr.)</th>
<th>External loop 60 Hz (CFM / m³/hr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25/42</td>
<td>48/82</td>
<td>30/51</td>
<td>53/90</td>
</tr>
</tbody>
</table>

Max. Heater W (Outdoor Models):

|                     | 150                              |

**ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>Rated Voltage</th>
<th>100/115</th>
<th>220/230</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency (Hz)</td>
<td>50/60</td>
<td>50/60</td>
</tr>
<tr>
<td>Operating Range</td>
<td>+/- 10%</td>
<td>+/- 10%</td>
</tr>
<tr>
<td>Max. Power Consumption (W at 50/60 Hz)</td>
<td>360/403</td>
<td>330/345</td>
</tr>
<tr>
<td>Max. Nominal Current (A at 50/60 Hz)</td>
<td>3.5/3.5</td>
<td>1.5/1.5</td>
</tr>
<tr>
<td>Starting Current (A)</td>
<td>8.0/9.2</td>
<td>3.3/3.1</td>
</tr>
</tbody>
</table>

Agency Approvals: UL/UL Listed, CE, EAC

Power Input Description: 6-ft. cord with NEMA 5-15 plug

**ENCLOSURE PROTECTION**

UL Type: Type II, 3R, 4 standard  
Type 4X Stainless steel optional

**CONTROLLER**

Description: Basic mechanical thermostat

Thermostat Location: Enclosure behind front panel

Factory Thermostat Setting (*°F/°C): 80/27

**SOUND LEVEL**

At 1.5 Meters: 63 dB(A)

**UNIT CONSTRUCTION**

Material: Galvanized sheet metal standard  
Stainless steel optional

Finish: RAL 7035 light-gray, semi-textured powder-coat paint standard

**UNIT DIMENSIONS**

Height (in./mm): 15.75/400

Width (in./mm): 7.5/191

Depth (in./mm): 6.3/160

Weight (lb./kg): 27/12
Performance Curves for T15 Models 800 BTU/Hr. (234 Watt)

T15-01x6-Gxxx Capacity Curves 50 Hz

T15-01x6-Gxxx Capacity Curves 60 Hz
T15 Models 800 BTU/Hr. (234 Watt)

NOTE:
1. MOUNTING GASKET SUPPLIED (NOT SHOWN)
2. UNITS: in. [mm]

Visit www.nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.
### Performance Data  T20 2000 BTU/Hr. (586 Watt) Models

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td></td>
<td>T200216G100</td>
<td>T200226G100</td>
<td>T200216G155</td>
<td>T200226G103</td>
</tr>
<tr>
<td></td>
<td>T200216G150</td>
<td>T200226G150</td>
<td>T200216G155</td>
<td>T200226G158</td>
</tr>
</tbody>
</table>

### COOLING PERFORMANCE

<table>
<thead>
<tr>
<th>Nominal</th>
<th>BTU/Hr.</th>
<th>Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1800/2000</td>
<td>528/586</td>
</tr>
</tbody>
</table>

- **At 131 F/131 F (55 C/55 C):**
  - BTU/Hr. (50/60 Hz): 2000/2175
  - W (50/60 Hz): 586/637
- **At 95 F/95 F (35 C/35 C):**
  - BTU/Hr. (50/60 Hz): 1950/2200
  - W (50/60 Hz): 571/645
  - Refrigerant: R-134A
  - Refrigerant Charge (ounces/grams): 6.5/184
  - Operating Temperature Range:
    - Maximum (°F/°C): 131/55
    - Minimum (°F/°C): -40/-40

### Airflow at 0 Static Pressure:

- **Internal loop 50 Hz (CFM / m³/hr.):** 77/131
- **External loop 50 Hz (CFM / m³/hr.):** 150/255
- **Internal loop 60 Hz (CFM / m³/hr.):** 91/155
- **External loop 60 Hz (CFM / m³/hr.):** 165/280
- **Max. Heater W (Outdoor Models):** 500/600

### Electrical Data

- **Rated Voltage:** 115/230/460V 1PH
- **Frequency (Hz):** 50/60
- **Operating Range:** +/− 10% +/− 10% +/− 10%
- **Max. Power Consumption (W at 50/60 Hz):** 700/805
- **Max. Nominal Current (A at 50/60 Hz):** 7.0/7.0
- **Starting Current (A):** 19/7.6/7.2

### Agency Approvals

- **UL/cUL Listed**
- **cUR Recognized**
- **EAC**
- **Others available upon request**

### Enclosure Protection

- **UL Type:** Type 12, 3R, 4 standard
- **Type 4X Stainless steel optional**

### Controller

- **Description:** Basic mechanical thermostat
- **Thermostat Location:** Enclosure side on all base models
- **Factory Thermostat Setting (°F/°C):** 80/27

### Sound Level

- **At 1.5 Meters:** 66 dB(A)

### Unit Construction

- **Material:** Galvanized sheet metal standard
- **Stainless steel optional**
- **Finish:** RAL 7035 light-gray, semi-textured powder-coat paint standard

### Unit Dimensions

- **Height (in./mm):** 20/508
- **Width (in./mm):** 10/254
- **Depth (in./mm):** 9.9/251
- **Weight (lb./kg):** 56/25
Performance Curves for T20 Models 2000 BTU/Hr. (586 Watt)

T200216Gxxx Capacity Curves at 50Hz

Ambient Air In (°C)

Enclosure Air Temperature

T200216Gxxx Capacity Curves at 60Hz

Ambient Air In (°F)
Performance Curves for T20 Models 2000 BTU/Hr. (586 Watt)

T200226Gxxx Capacity Curves at 50 Hz

Ambient Air In (°C)

Enclosure Air Temperature

55 C 131 F
45 C 113 F
35 C 95 F
25 C 77 F

T200226Gxxx Capacity Curves at 60 Hz

Ambient Air In (°F)

Performance Curves for T20 Models 2000 BTU/Hr. (586 Watt)
T20 Models 2000 BTU/Hr. (586 Watt)

1/2-INCH DRAIN STUB

NOTE:
1. MOUNTING GASKET SUPPLIED (NOT SHOWN)
2. UNITS: in. [mm]

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