# Submittal Data Sheet

**Gas/Electric & Electric/Electric Single Package Air Conditioners**

**Models:** ZDT03, T04 & T05

<table>
<thead>
<tr>
<th>Job Name:</th>
<th>Location:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchaser:</td>
<td>Order No:</td>
</tr>
<tr>
<td>Engineer:</td>
<td></td>
</tr>
</tbody>
</table>

## Cooling Performance

| Total Capacity | ___ MBH |
| Sensible Capacity | ___ MBH |
| Outdoor Design Temp. | ___ °F DB/DB |
| Total Supply Air | ___ CFM |
| Temp. of Air Entering | ___ °F |
| Evaporator Coil | ___ °F |
| Power Input Req. (Less Blower Motor) | ___ KW |

## Heating Performance

| Electric Heat | ___ KW |
| Gas-Fired Input-Cap. | ___ MBH |

## Supply Air Blower Performance

| Total Supply Air | ___ CFM |
| Ext. Static Press. | ___ IWG |
| Blower Speed | ___ RPM |
| Power Output Req. | ___ BHP |
| Motor Rating | ___ HP |
| Power Input Req. | ___ KW |

## Electrical Data

| Power Supply | ___ |
| Total Unit Ampacity | ___ AMPS |
| Max. Overcurrent Device | ___ Amps |
| Including Factory-Installed Options | ___ LBS |

## Factory Installed Options

- Outdoor Dry Bulb Sensor Economizers
- Motorized Outdoor Air Intake Damper
- Phenolic Coated Evaporator Coils
- Phenolic Coated Condenser Coils
- E-Coat Evaporator Coils
- E-Coat Condenser Coils
- EL2 Sensor, Space Mount
- Filter (2” Pleated Filters, MERV 7)
- Powered Convenience Outlet
- Non-Powered Convenience Outlet
- Disconnect Switch
- BAS - (Building Automation Systems)
  - Smart Equipment™ w/Communication
  - Bacnet MS/TP (Programmable to Modbus or N2 protocols)
  - Honeywell™
  - Novar®
  - CPC
- Smoke Detector (Return)
- Smoke Detector (Supply)
- Coil Guard
- Stainless Steel Heat Exchanger
- Stainless Steel Drain Pan
- BAS Ready Economizer (2-10 V.D.C. Actuator Without A Controller)
- Air Proving Switch
- Phase Monitor
- Belt Drive
- Belt Drive (High Static)
- Direct Drive
- Dirty Filter Switch
- Hinged Toolless Filter, Motor and Electrical Access Panels

## Field Installed Accessories

- Enthalpy Accessory Control Kit (Single or Dual)
- Motorized Outdoor Air Intake Damper
- Roof Curbs
- High Altitude Natural Gas
- Propane Conversion
- High Altitude Propane
- Barometric Relief Damper
- Burglar Bars
- Flue Exhaust Extension Kit
- CO2 Sensor, Unit Mount
- CO2 Sensor, Space Mount
- Dirty Filter Switch
- Air Proving Switch
- Electric Heat
- Low NOx Kit
- Coil Guards
- Hail Guards
- Low Ambient Kit (Except 6 Ton Cooling Only with & without Electric Heat)
- Gas Piping Kit
- Wall Mount Temperature Sensor
- Wall Mount Temperature Sensor With Override
- Wall Mount Temperature Sensor With Override & Set Point Adj.
- Humidity SE NSR
**UTILITIES ENTRY DATA**

<table>
<thead>
<tr>
<th>HOLE</th>
<th>KNOCKOUT SIZE (DIA.)</th>
<th>USED FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>7/8&quot;</td>
<td>Control Wiring (Side or Bottom)</td>
</tr>
<tr>
<td>B</td>
<td>2&quot;</td>
<td>Power Wiring (Side or Bottom)</td>
</tr>
<tr>
<td>C</td>
<td>1-5/8&quot;</td>
<td>Gas Piping (Front)</td>
</tr>
<tr>
<td>D</td>
<td>1-1/2&quot;</td>
<td>Gas Piping (Bottom)</td>
</tr>
</tbody>
</table>

*Applicable to gas heating units only.*

(1/2" NPTI at gas valve)

**NOTE:** For curb-mounted units, refer to the duct hanger dimensions of the curb for the proper size of the supply and return air duct connections.
FILTER ACCESS
BLOWER MOTOR ACCESS
FIELD-SUPPLIED DISCONNECT SWITCH LOCATION
MOUNTING BRACKET FOR DISCONNECT SWITCH (Field-Supplied)
A, B WIRING ENTRY (See Detail "B")
CONTROL BOX ACCESS
DISCONNECT SWITCH LOCATION AND MOTOR ACCESS PANEL FOR UNIT WITH "BELT-DRIVE" OPTION

REAR VIEW
L.H. END VIEW

DETAIL "A"
UNIT WITH ECONOMIZER RAINHOOD

RETURN AIR
SUPPLY AIR
CONDENSER AIR
OUTDOOR AIR (Economizer)

DIMENSION "A"

| FIXED OUTDOOR AIR DAMPER | 12 |
| MOTORIZED DAMPER | 16 1/2 |

DETAIL "B"
UNIT WITH FIXED OUTDOOR AIR/MOTORIZED DAMPER RAINHOOD
NOTE: A 1" clearance must be provided between any combustible material and the supply air ductwork for a distance of 3 feet from the unit.

NOTE: The products of combustion must not be allowed to accumulate within a confined space and recirculate.

NOTE: Locate unit so that the vent air outlet hood is at least:
- Three (3) feet above any force air inlet located within 10 horizontal feet (excluding those integral to the unit).
- Four (4) feet below, four horizontal feet from, or one foot above any door or gravity air inlet into the building.
- Four (4) feet from electric and gas meters, regulators and relief equipment.

NOTE: Units and ductwork are approved for zero clearance to combustible materials when equipped with electric heaters.

NOTE: All entry holes should be field sealed to prevent rain water entry into building.

### MINIMUM CLEARANCES

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>CLEARANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>24&quot; (Cooling/Electric Heat) 32&quot; (Gas Heat)</td>
</tr>
<tr>
<td>Rear</td>
<td>12&quot; (Less Economizer) 36&quot; (With Economizer or Fixed Air/Motorized Damper)</td>
</tr>
<tr>
<td>Left Side (Filter Access)</td>
<td>24&quot; (Less Economizer) 36&quot; (With Economizer)</td>
</tr>
<tr>
<td>Right Side (Cond. Coil)</td>
<td>24&quot;</td>
</tr>
<tr>
<td>Below Unit(^1)</td>
<td>0&quot;</td>
</tr>
<tr>
<td>Above Unit(^2)</td>
<td>72&quot; (For Condenser Air Discharge)</td>
</tr>
</tbody>
</table>

1. Units may be installed on combustible floors made from wood or class A, B, or C roof covering material.
2. Units must be installed outdoors. Overhanging structures or shrubs should not obstruct condenser air discharge outlet.

### REFER TO THE TECHNICAL GUIDE FOR THE LIST OF STANDARD FEATURES

ATTACHED ☐ NOT ATTACHED ☐