**COOLING PERFORMANCE**

- **Total Capacity**: _____ MBH
- **Sensible Capacity**: _____ MBH
- **Outdoor Design Temp.**: _____ °F DB/WB
- **Total Supply Air**: _____ CFM
- **Temp. of Air Entering 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**: __ FUSE __ BREAKER _____ AMPS

**TOTAL UNIT WEIGHT**

- **Including Factory-Installed Options**: _____ LBS
3 thru 4 Ton ZU/ZW, 3 Ton ZK (See Physical Dimensions table for exact models)

See detail A for gas inlet

See detail B for drain location
5 Ton ZU/ZW, 4 and 5 Ton ZK and 6 thru 10 Ton ZS/ZU/ZW/ZK (See Physical Dimensions table for exact models)
12.5 Ton ZW/ZK-12

See detail B for drain location
See detail A for gas inlet

LEFT

FRONT
12.5 Ton ZS/ZU-12

See detail B for drain location

See detail A for gas inlet

LEFT

FRONT

Ø 24.47 TYP. 4 PL.
# 3 to 12.5 Ton Unit Physical Dimensions

<table>
<thead>
<tr>
<th>Unit Model Number</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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</thead>
<tbody>
<tr>
<td>ZS -06, -07</td>
<td>42</td>
<td>89</td>
<td>22 1/8</td>
<td>18 3/16</td>
<td>15 3/16</td>
<td>6 3/16</td>
</tr>
<tr>
<td>ZS-08, -10</td>
<td>50 3/4</td>
<td>89</td>
<td>30 3/16</td>
<td>24 3/16</td>
<td>17 3/16</td>
<td>6 3/16</td>
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<td>ZS-12</td>
<td>50 3/4</td>
<td>119 1/2</td>
<td>30 3/16</td>
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<td>6 3/16</td>
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<td>ZU-A3, -A4, A5, -06, -07</td>
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<td>89</td>
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<td>18 3/16</td>
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</tr>
</tbody>
</table>

**Detail A**

Gas Pipe Inlet

Gas Exhaust Vent

**Detail B**

3/4" FPT

42" CABINET

50 3/4" CABINET
3 to 12.5 Ton Unit Side Duct Openings

12.5 Ton Unit Side Duct Openings - ZW/ZK-12

12.5 Ton Unit Side Duct Openings - ZS/ZU-12

Johnson Controls Unitary Products
### 3 to 12.5 Ton Side Duct Dimensions

<table>
<thead>
<tr>
<th>Unit Model Number</th>
<th>Dimension (in.)</th>
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<tbody>
<tr>
<td></td>
<td>A</td>
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<tr>
<td>ZS-06, -07</td>
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<tr>
<td>ZS-08, -10</td>
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<tr>
<td>ZS-12</td>
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<td>ZU-A3, -A4, -A5, -06, -07</td>
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<td>ZW-A3, -A4, -A5</td>
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</tr>
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<td>ZW-06, -07, -08, -10</td>
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</table>

### 3 to 12.5 Ton Unit Clearances

<table>
<thead>
<tr>
<th>Direction</th>
<th>Distance (in.)</th>
<th>Direction</th>
<th>Distance (in.)</th>
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<tbody>
<tr>
<td>Top</td>
<td>72</td>
<td>Right</td>
<td>12</td>
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<tr>
<td>Front</td>
<td>36</td>
<td>Left</td>
<td>36</td>
</tr>
<tr>
<td>Rear</td>
<td>36</td>
<td>Bottom²</td>
<td>0</td>
</tr>
</tbody>
</table>

1. Units must be installed outdoors. Over hanging structure or shrubs should not obscure condenser air discharge outlet.
2. Units may be installed on combustable floors made from wood or class A, B or C roof covering materials.
3 to 12.5 Ton Unit Bottom Duct Openings (inches)

**TOP VIEW**
- Bottom condensate drain
- Bottom gas supply entry
- Bottom power, control and convenience outlet wiring entry

**Dimensions**
- Bottom condensate drain: 20 1/8 x 19 1/8 x 17 1/8
- Bottom gas supply entry: 27 1/2 x 18
- Bottom power, control and convenience outlet wiring entry: 14 1/2 x 16 3/8 x 18 1/16

**Other Notes**
- Top view: 3X $\Phi 0.875$
- Bottom: $\Phi 2.469$
3 to 12.5 Ton Unit Electrical Entry (inches)

3 to 12.5 Ton Unit Left Economizer Duct Opening (inches)
3 to 12.5 Ton Unit Roof Curb (inches)

3 to 12.5 Ton Unit Transition Roof Curb (inches)
3 to 12.5 Ton Unit Downflow Economizer Assembly (inches)
FACTORY INSTALLED OPTIONS

- ELECTRIC HEATER MODEL - KW _____ VOLTS
- STAINLESS STEEL HEAT EXCHANGER
- ALUMINIZED STEEL HEAT EXCHANGER
- STAINLESS STEEL DRAIN PAN
- ECONOMIZER, DOWNFLOW
- ECONOMIZER, HORIZONTAL
- ECONOMIZER, SLAB
- POWER EXHAUST
- MOTORIZED AIR DAMPER
- HIGH STATIC INDOOR BLOWER MOTOR
- DISCONNECT SWITCH
- CONVENIENCE OUTLET, POWERED
- CONVENIENCE OUTLET, NON-POWERED
- SMOKE DETECTOR (RETURN)
- SMOKE DETECTOR (SUPPLY)
- PHASE MONITOR
- COIL GUARD
- DIRTY FILTER SWITCH
- PHENOLIC COATED EVAPORATOR COILS
- PHENOLIC COATED CONDENSER COILS
- ELECTROFIN® EVAPORATOR COILS
- ELECTROFIN® CONDENSER COILS
- BAS OPTION
  - Simplicity® Intelli-Comfort™
  - Honeywell™
  - Novar®
  - Johnson UNT 1126
  - CPC

FIELD INSTALLED ACCESSORIES

- ROOF CURB, 8”
- ROOF CURB, 14”
- TRANSITION ROOF CURB
- COIL GUARD
- HAIL GUARD
- PERMANENT FILTERS
- METAL FILTER FRAME KIT
- DIRTY FILTER SWITCH
- AIR PROVING SWITCH
- BURGLAR BARS (DOWNFLOW ONLY)
- LOW AMBIENT KIT
- SMOKE DETECTOR (RETURN)
- SMOKE DETECTOR (SUPPLY)
- CO2 SENSOR
- PHASE MONITOR
- ECONOMIZER, DOWNFLOW
- ECONOMIZER, HORIZONTAL
- ECONOMIZER, SLAB
- DUAL ENTHALPY
- POWER EXHAUST
- MOTORIZED OUTDOOR AIR DAMPER
- MANUAL OUTDOOR AIR DAMPER
- ELECTRIC HEATER MODEL - KW _____ VOLTS
- FLUE EXTENSION KIT
- GAS PIPING KIT
- GAS HEAT PROPANE ADAPTER KIT
- GAS HEAT HIGH ALTITUDE KIT, NATURAL GAS
- GAS HEAT HIGH ALTITUDE KIT, PROPANE
- -60°F GAS HEAT KIT
- WALL MOUNT TEMPERATURE SENSOR (Intelli-Comfort™)
- WALL MOUNT TEMPERATURE SENSOR WITH OVERRIDE (Intelli-Comfort™)
- WALL MOUNT TEMPERATURE SENSOR WITH OVERRIDE & SET POINT ADJ. (Intelli-Comfort™)
- HUMIDITY SENSOR (Intelli-Comfort™)

1. Phase monitor standard on units with scroll compressors.