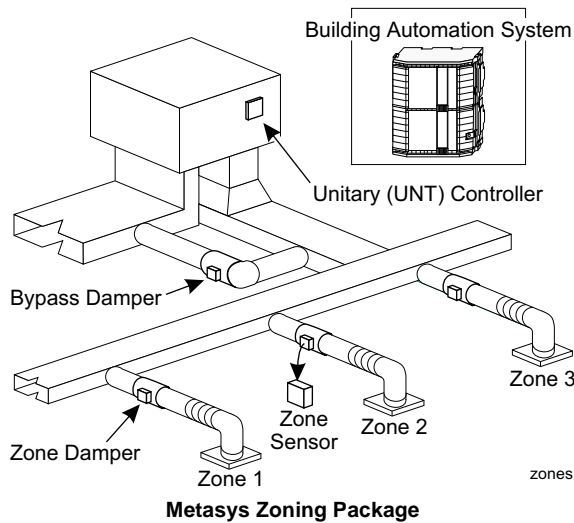


# Metasys® Zoning Package



## Description

The Metasys® Zoning Package improves occupant comfort by providing reliable zoning control of standard packaged rooftop units. It features Metasys controllers bundled with Johnson Controls actuators and sensors in

damper assemblies that provide zone or bypass applications. The innovative control algorithms provide superior temperature control of Heating, Ventilating, and Air Conditioning (HVAC) zoning applications.

## Specifications

Metasys® Zoning Package	
<b>Zoning Package</b>	<ul style="list-style-type: none"> <li>Building Automation System<sup>(a)</sup></li> <li>UNT Rooftop Controller</li> <li>Bypass/Zone Damper Assemblies</li> <li>Zone Sensor</li> <li>Split-bobbin Transformer</li> </ul>
<b>Power Requirements</b>	<b>UNT</b> 20-30 VAC at 25 VA
	<b>Bypass Damper Assembly</b> 5 VA
	<b>Zone Damper Assembly</b> 10 VA
<b>Ambient Operating Conditions</b>	<b>UNT</b> -40 to 52°C (-40 to 125°F), 10 to 90% RH
	<b>Damper Assemblies</b> 0 to 50°C (32 to 122°F), 10 to 90% RH
<b>Ambient Storage Conditions</b>	-40 to 70°C (-40 to 158°F), 10 to 90% RH
<b>Dimensions</b>	<b>UNT (H x W x D)</b> 165 x 163 x 56 mm (6.5 x 6.4 x 2.2 in.) without enclosure
	<b>Damper Assemblies</b> <sup>(b)</sup>
<b>Shipping Weight</b>	<b>UNT</b> 0.64 kg (1.4 lb)
	<b>Damper Assemblies</b> <sup>(b)</sup>
<b>Agency Compliance</b>	<b>UNT</b> IEEE 472, IEEE 518, IEEE 587, Category A FCC Part 15, Subpart J, Class A UL864, Smoke Control Listed, Class UUKL UL 916, Energy Management Listed, Class PAZX
	<b>VMA</b> IEEE 472, IEEE 518, IEEE 587, Category A/B ANSI C62.41 FCC Part 15, Subpart J, Class A/B UL 864, Smoke Control Listed, Class UUKL UL916, Class UUKL CISPR 22, Class B; CSA 22.2, No.205 IEC 950, IEC 801 CE Directive (89/336/EEC, EN-50081-1, EN-50082-2)
<b>Agency Listings</b>	UL Listed and CSA Certified

(a) Building Automation System refers to Metasys® Network and N30 Series supervisory systems.

(b) For specific sizes and shipping weights of Round or Rectangular Damper Assemblies, refer to Metasys Zoning Package Overview Technical Bulletin (LIT-639100).

## Features

- manufacturer independent - controls standard packaged rooftop units, regardless of manufacturer
- familiar Johnson Controls components minimize the time needed to learn about and install the system. Provides the same flexibility and quality found in all Metasys systems
- damper assemblies save installation time with preassembled and configured parts
- adjustable logic parameters allow building control specialists to optimize HVAC control of a building

## To Order

Specify the code number from the following selection chart.

## Selection Chart

Code Number	Description
<b>Building Automation System</b>	
<b>AS-UNT121-1 or AS-UNT1126-0</b>	UNT Rooftop Controller
<b>(a)</b>	Bypass/Zone Damper Assemblies
<b>TE-67Nx-1BOO or AP-TMZ1600-0</b>	Zone Sensor
<b>Y6xxx-x</b>	Series Y63, Y64, Y65, Y66, Y69 Split-bobbin Transformers

(a) Refer to Metasys Zoning Package Overview Technical Bulletin [LIT-639100] for part numbers.

## Accessories

Code Number	Description
<b>MW-M3WHCI-0</b>	M3 Workstation
<b>MW-MGRAPH-0</b>	M-Graphics
<b>AS-ZTU100-1</b>	Zone Terminal
<b>CD-WOO-OO-0</b>	Carbon Dioxide Sensor (Wall Mounted)
<b>CD-Pxx-0-0</b>	Carbon Dioxide Sensor (Duct Mounted)
<b>HE-67N3-ONOOP</b>	Humidity Sensor (±3% accuracy)
<b>HE-67N2-ONOOP</b>	Humidity Sensor (±2% accuracy)
<b>AS-DPTKIT-1</b>	Static Pressure Transducer kit with Dwyer A-303 tip (AS-DPTKIT-1) for use with the VMA1440 controller