



HZ221K TrueZONE Panel Kit

SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Notes	

Model(s)			
HZ221K	Qty.		Notes
Approval			
Service			
Tag No.			

APPLICATION

Model HZ221K: Kit includes HZ221 zone panel, C7735A1000 discharge sensor, and AT140A1042 40 VA transformer. 2 zones and 2H/1C heat pump with auxiliary electric heat only.

SPECIFICATIONS

Input Ratings:

Voltage: 18-30 VAC 50/60 Hz transformer of 40 VA or more.

Current Draw:

Zone Panel: 6.25 VA max.

All VA specifications at 24 VAC.

Wiring: 18-gauge solid (not stranded) wire.

Mounting Means: The HZ221 has mounting holes on the sides top and bottom so it can be mounted on a wall, return duct, or stud.

Humidity Ratings: 5% to 90% RH non-condensing.

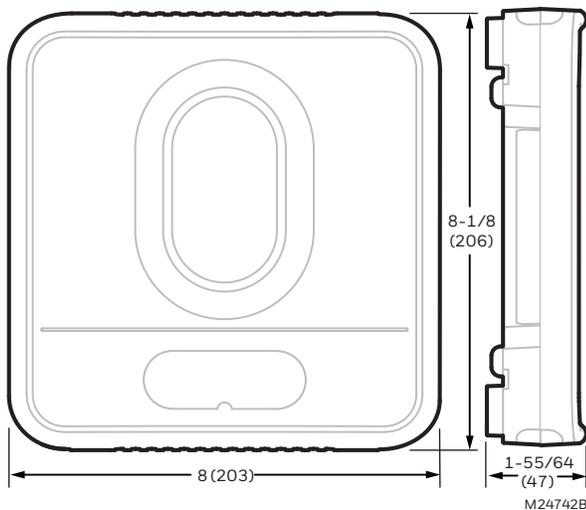
Temperature Ratings:

Shipping: -20° to 150°F (-29° to 66°C).

Operating: -40° to 165°F (-40° to 74°C).

Emissions: Complies with FCC Class B, part 15 requirements.

HZ221 TrueZONE Panel Dimensions in Inches (mm):



Maximum Dampers Per Zone (Size Transformer Appropriately):

Max temperature in zone panel location	Maximum VA per zone *
100°F (38°C)	28.8 VA
160°F (71°C)	16.8 VA
6.5 VA for HZ221 zone panel.	
8 VA per ARD series zone damper.	
8 VA per ZD series zone damper.	
2.5 VA per MARD series zone damper.	
2.5 VA per RRD series zone damper.	
* If exceeding max VA per zone, use SDCR relay to isolate a zone from panel. Separate SDCR required for each zone exceeding max VA.	

Zone Dampers for use with HZ221K:

Damper	Sizes	VA per damper (max)
ZD series (rectangular)	Even sizes from 6" x 6" up to 28" x 20"	8 VA
ARD series (round)	5-10" in 1" increments, 12-18" in 2" increments.	8 VA
MARD series (round)	5, 6, 8, 9, 10, 12, 14, 16, and 18" models.	2.5 VA
RRD series (retrofit)	5, 6, 7 and 8" models.	2.5 VA

Accessories:

Model number	Description
AT140A1042	40 VA transformer (included in HZ311K (kit)).
AT175A1058	75 VA transformer.
C7735A1000	Discharge Sensor (included in HZ311K (kit)).
SDCR	Secondary Damper Control Relay. Needed when there are too many dampers for a zone.
Thermostats	HZ221K is only compatible with heat pump thermostats that use a cool changeover valve terminal (O).



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