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|----------------------|---------------|
| <b>Project name:</b> |               |
| Location:            | Approval:     |
| Engineer:            | Date:         |
| Submitted to:        | Construction: |
| Submitted by:        | Unit #:       |
| Reference:           | Drawing #:    |

## DESCRIPTION

The DZK increases the flexibility of Daikin VRV and Sky Air systems by adding a zoning damper box for independent zone temperature control from a single indoor unit.

|                                |                                                                       |
|--------------------------------|-----------------------------------------------------------------------|
| <b>Model</b>                   | DZKS048E4-5                                                           |
| <b>Description</b>             | Daikin Zoning Kit                                                     |
| <b>Damper Control</b>          | Flow Control System by Airzone                                        |
| <b>Damper Size</b>             | 8"                                                                    |
| <b>Number of Dampers</b>       | 4                                                                     |
| <b>Insulation Value</b>        | R4                                                                    |
| <b>Operating range</b>         | 32 to 122 °F (0 to 50 °C)<br>5% to 90% RH (non-condensing)            |
| <b>Weight (Mass)</b>           | 21.16 lb (9.6 kg)                                                     |
| <b>Power supply</b>            | 110/230 VAC, 1 Ø, 50/60 Hz, 250 mA                                    |
| <b>Size (WxHxD)</b>            | 53.43 x 10.43 x 10.43 inch<br>(1357.3 x 265 x 265 mm)                 |
| <b>Compatible Indoor Units</b> | FBQ 36-42-48 TBVJU<br>FXMQ 30-36-48 TBVJU<br>FXSQ 36-48 TAVJU / TBVJU |

### FEATURES

- Each zone is capable of:
  - Independent set point control.
  - Set point range limitation.
  - Local ventilation mode.
  - Adjustable min/max zone opening position.
- Option to link multiple outlets for larger zones.
- Option to cap and close unused outlets.
- Auto changeover logic including adjustable zone weighting.
- Automatic control of fan speed based on each damper's demand.
- Direct control integration to the Daikin indoor unit through the P1-P2 protocol.
- Pre-assembled plenum box and simple bolt on design saves installation time.
- Centralized zone control and monitoring when using DZK-BACNET-HUB-5.

### AVAILABLE DZK-5 THERMOSTATS

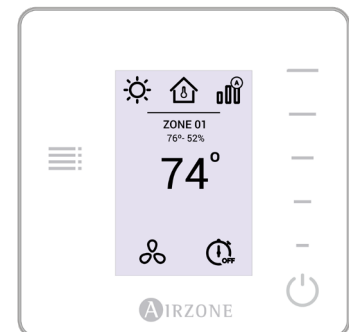
- DZK-MTS-5-W – Wired Thermostat (minimum one Wired Thermostat required)
- DZK-ZTS-5-W – Wireless Thermostat
- DZK-LTS-5-W – Wireless Lite Thermostat
- DZK-BACNET-HUB-5 – BACNET Interface



DZKS048E4-5



DZK-MTS-5-W



DZK-ZTS-5-W

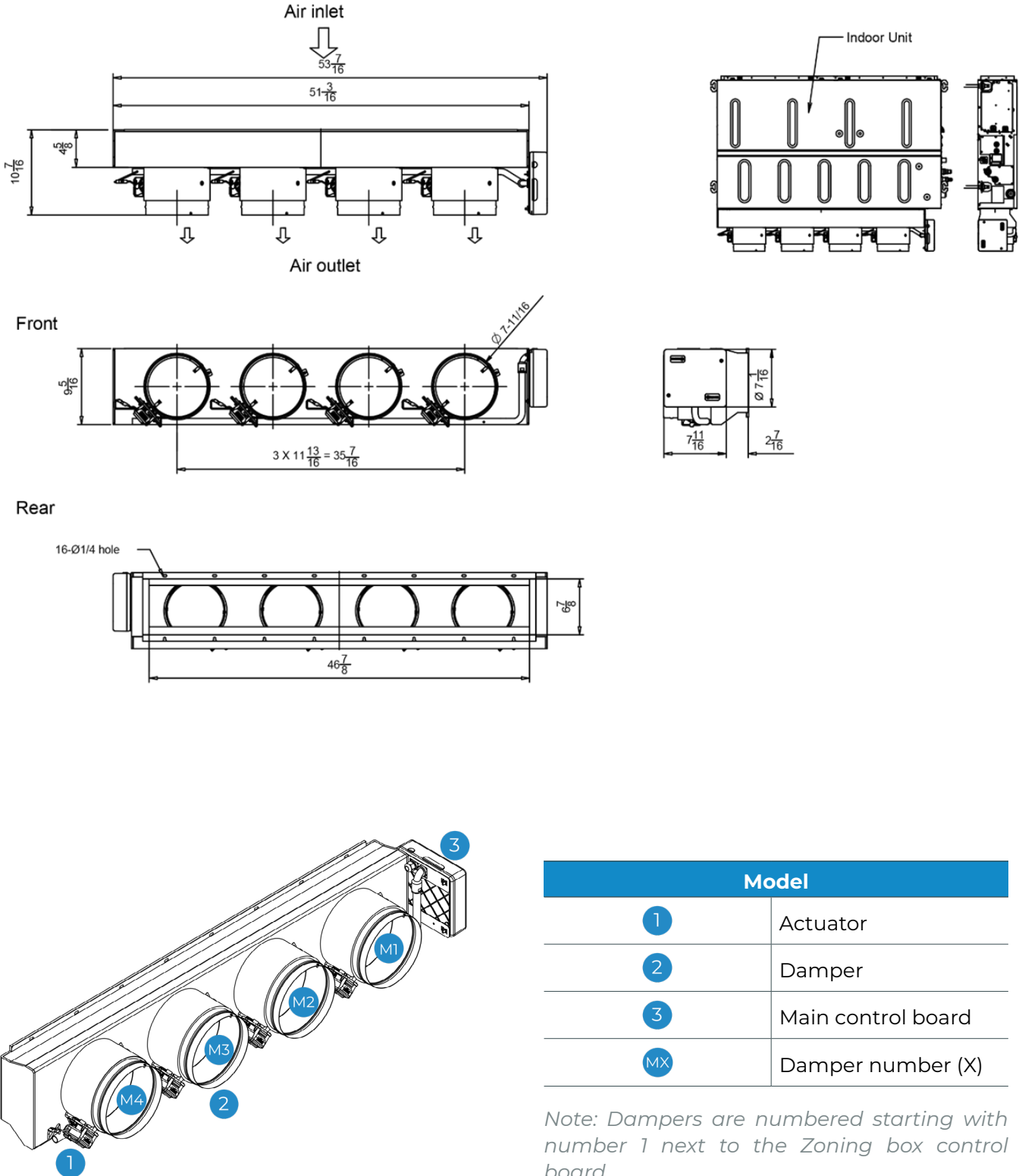


DZK-LTS-5-W

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**DIMENSIONAL DRAWING (UNITS INCH)**

DZKS048E4-5



| Model |                    |
|-------|--------------------|
| 1     | Actuator           |
| 2     | Damper             |
| 3     | Main control board |
| MX    | Damper number (X)  |

Note: Dampers are numbered starting with number 1 next to the Zoning box control board.