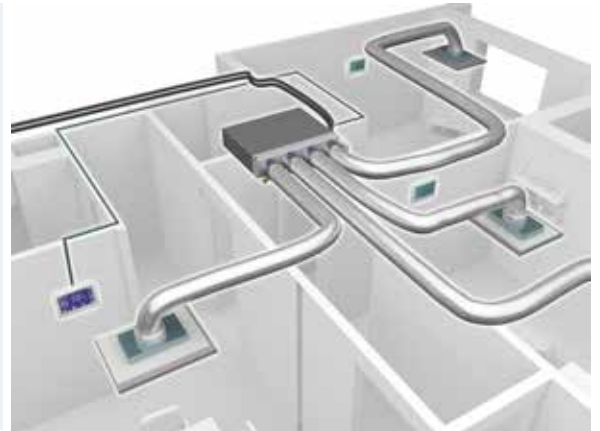# DAIKIN

DZK
DAIKIN ZONING KIT

ENERGY-INTELLIGENT™ HEATING AND COOLING SYSTEMS

The Daikin Zoning Kit (DZK)

The optional DZK increases the flexibility of the Daikin VRV and SkyAir systems in both residential and commercial applications by adding a Zoning Box to an indoor unit fan coil (FXMQ_P(A) or FBQ_P series, respectively) allowing several separate ducts to supply air to different individually-controlled zones. A zone can be a room, part of room, or several rooms. This flexible and scalable Zoning Kit integrates seamlessly with the indoor unit fan coil and the controls of the heating and cooling system.

Main Thermostat (DZK-MTS-1)

The Main Thermostat in the DZK is a graphical colored, touch-screen interface with text menus, intuitive icons, and guided scheduling capability. It displays temperatures and operating values, and selects the operating mode for the system. One Main Thermostat is required per DZK.
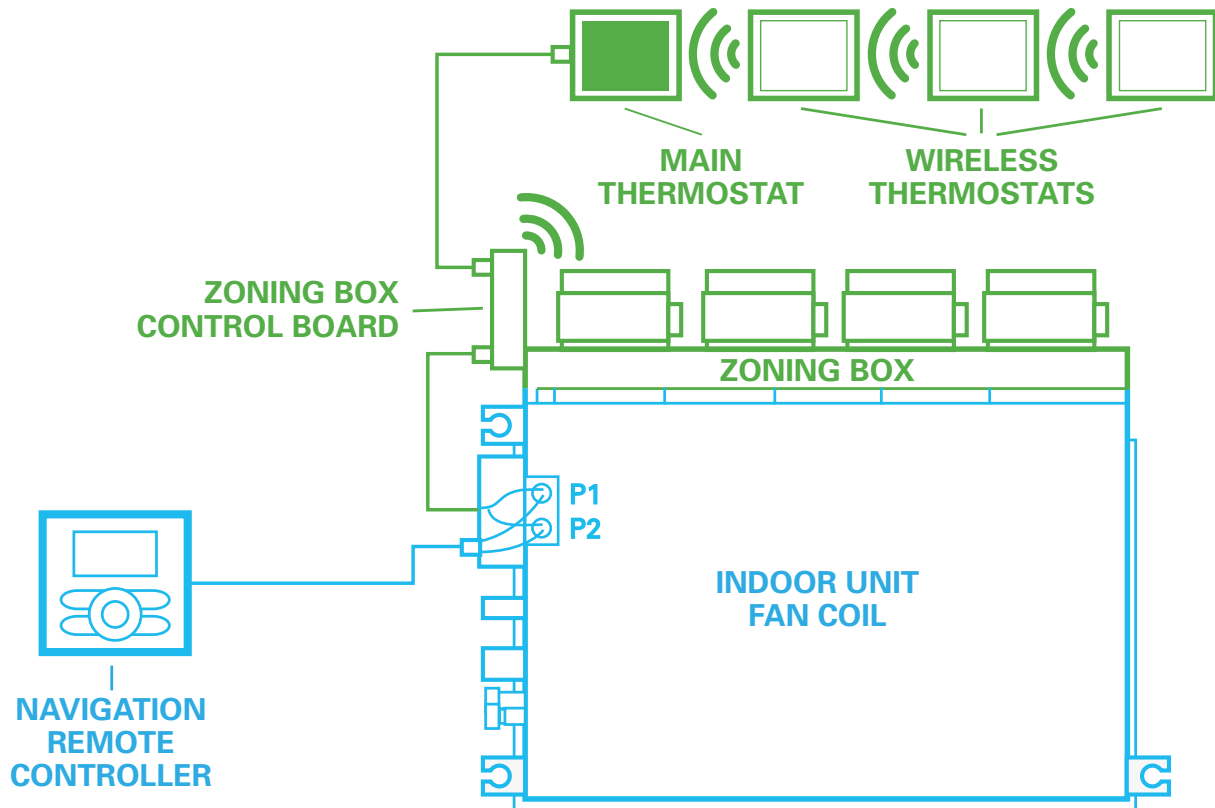
Wireless Thermostat (DZK-ZTS-1)

The wireless backlit touch-screen thermostat in the DZK can control the temperature for a zone while displaying the air temperature, system time, and day of the week. Additional functions include adjusting set point temperature, automatic configuration, local ventilation activation, and vacation mode.
A Wireless Thermostat is required for zones not being controlled by the Main Thermostat.

Zoning Box with Control Board

The Zoning Box in the DZK mounts easily on Daikin's Indoor Unit FXMQ_P(A) or FBQ_P series fan coils. It consists of the enclosure, individually motorized dampers, and a control board. It is available in different sizes and damper configurations and by utilizing ducts for air supply it can be used to control the air temperature in up to 6 zones. The Main Thermostat and the Wireless Thermostats provide temperature inputs and user interfaces for programming and adjustment of the control functions for each zone.

MAIN THERMOSTAT

WIRELESS THERMOSTATS

ZONING BOX CONTROL BOARD

ZONING BOX

P1
P2

INDOOR UNIT FAN COIL

NAVIGATION REMOTE CONTROLLER

DZK Kit Structure and General Technical Data						
	Zoning Box with Control Board				Main Thermostat*	Wireless Thermostat*
DZK Product Number	DZK030E4	DZK030E5	DZK048E4	DZK048E6	DZK-MTS-1	DZK-ZTS-1
KIT STRUCTURE						
Compatible with Indoor Unit Fan Coils FXMQ15-24PAVJU FBQ18-30PVJU	Yes	Yes	No	No	Yes	Yes
Compatible with Indoor Unit Fan Coils FXMQ30-54PAVJU FBQ36-42PVJU	No	No	Yes	Yes	Yes	Yes
Number of Zones Compatibility	2 to 4	2 to 5	2 to 4	2 to 6	-	-
Number of Air Duct Outlets x Diameter (")	4 x Ø8	5 x Ø6	4 x Ø8	6 x Ø6	-	-
TECHNICAL DATA						
Height (")	10.43	10.43	10.43	10.43	3.58	3.58
Width (")	43.58	43.58	53.46	53.46	4.13	4.13
Depth (")	10.43	10.43	10.43	10.43	0.94	0.94
Weight (lbs)	18.04	20.24	20.24	23.32	0.4	0.46
Input Voltage (VAC)	110/230	110/230	110/230	110/230	-	2 AAA Batteries
Full Load Amps	0.25	0.25	0.25	0.25	-	-

*One thermostat can be used to control multiple dampers on a DZK serving one space