

# AIRZONE VAF ZONING SYSTEM



The World Leading Heat Pump Company



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The Airzone VAF Zoning System is a variable airflow zoning system compatible with Daikin's range of residential and commercial range of ducted indoor units. It offers superior comfort by providing individual temperature control in each zone and improved energy savings via it's intelligent fan speed control.

Each solution consists of Airzone touch controllers, 4-step linear dampers (12V) and a VAF control PCB with Daikin P1, P2 communication module\*.



### TOUCH CONTROLLERS

Featuring premium aesthetic design with intuitive touch screen interfaces for ease of use. Available in 3 models: Blueface, Think and Lite.



### Q-ADAPT ALGORITHM

The controller automatically selects the appropriate fan speed (L/M/H) depending on number of zones opened and the demand, resulting in reduced running costs.



### INDIVIDUAL TEMPERATURE CONTROL

The 4-step linear dampers precisely regulate airflow into each zone ensuring optimal temperatures for all occupants in the house hold at anytime.



### SCALABLE DESIGN

Up to 10 zones can be controlled via a single VAF system and coupled with a simple control architecture this makes scalability and installation convenient.

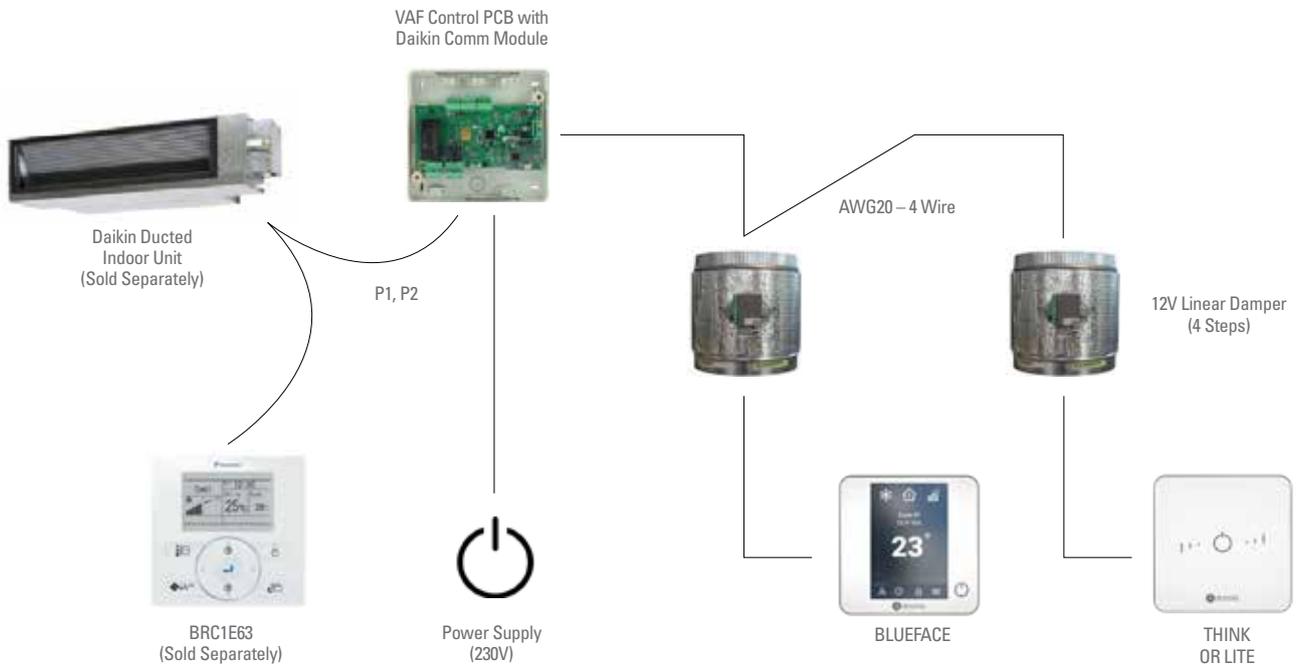
\*A BRC1E63 (nav ease) will also be required for backup and servicing





BLUEFACE	THINK	LITE
Main Controller	Zone Controller	Zone Controller
	Metal & Glass Build	
	White Finish	
	92(H) x 92(W) x 15.85(D) mm	
3.5" Colour Screen	2.7" E-Ink Screen	LED Feedback
Capacitive Touch	Capacitive Buttons	Capacitive Buttons
	Wired	
Full Temperature, Fan Speed and Operation Mode Control		Temperature Control up to $\pm 3^{\circ}\text{C}$
Temperature and Humidity Sensor		
Zone On/Off		
User Mode (Eco, Vacation, Stop, Comfort, Unoccupied and Night Time)		-
Weekly Timer	-	-
Configuration Settings	-	-

## CONTROL ARCHITECTURE



Note:

1. Each VAF system requires at least one Blueface controller (main controller)
2. Each zone requires one Airzone controller
3. All Airzone controllers and dampers are powered by the VAF Control PCB
4. If temperature sensing from the controller is not desired, a remote temperature sensor (AZVAF10KPROBE) can be utilised instead
5. Additional 12V power supply (HDR-15-12) is required when more than 6 zones are connected
6. All cables are field supply

AVZS-05032020

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