VRF CONTROLLERS



WIDE RANGE OF CONTROL OPTIONS

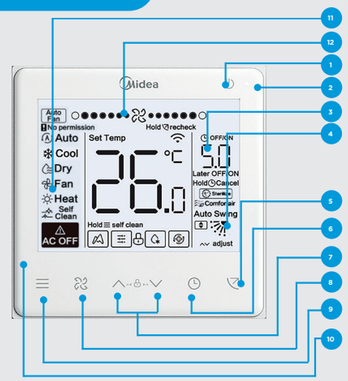
A user-friendly range of wired controllers provides flexible control options to suit different environments. Features include clear LED displays, 24-hour or weekly timers, auto functions and error reporting.

HARD WIRED CONTROLLERS



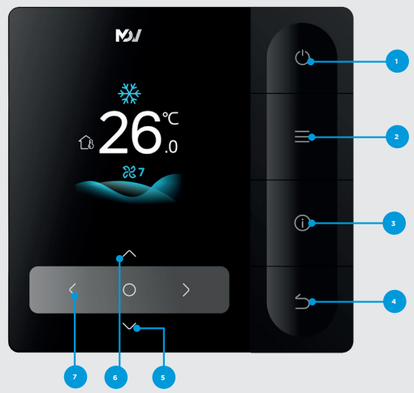
MODEL	WDC3-86S	WDC3-86T	WDC3-120T
Fan speed control	✓	✓	✓
Max Indoors	16*	16*	16*
Mode selection	✓	✓	✓
Auto mode	✓	✓	✓
Eco mode	✓	✓	✓
Wi-Fi Option	X	✓*	✓*
Keyboard lock	✓	✓	✓
Swing function	✓	✓	✓
Background light	✓	✓	✓
24 hour timer	✓	✓	✓
Clock display	✓	✓	✓
Address setting	✓	✓	✓
Remote signal receiver	✓	✓	✓
Clean filter reminder	✓	✓	✓
Follow Me function	✓	✓	✓
Silent mode	✓	✓	✓
One-key 26°C	✓	✓	✓
Indoor temperature display	✓	✓	✓
°F/°C display	✓	✓	✓
Weekly schedule timer	✓	✓	✓
Delay function	✓	✓	✓
Auto restart	✓	✓	✓
Error reporting	✓	✓	✓
Dimensions (HxWxD)mm	86x86x18	86x86x18	120x120x20
Power Supply	DC 18V	DC 18V	DC 18V

WDC3-86S



BUTTON	DESCRIPTION
1. ON/OFF	Turns on/off IDU
2. OPERATING INDICATOR	Shows when indoor unit is in use
3. TIMER INDICATOR	Shows Set Timer Info
4. FAN SET POINT	Shows Fan Setting Information
5. FAN DIRECTION	Fan direction setting
6. TIMER	Set TImer
7. ADJUSTMENT	Select options up & down
8. FAN SPEED	Selects fan speed
9. MODE	Selects the running mode
10. REMOTE RECEIVER	Receives the remore controller signal
11. OPERATING MODE	Auto/cool/dry/fan/heat
12. FAN SPEED/SLEEP	Fan Speed Setting/Sleep Mode

WDC3-120T



BUTTON	DESCRIPTION
1. ON/OFF	Turns on/off IDU
2. MENU	Enter the menu selection screen
3. INFORMATION	View error codes
4. BACK	Return to the previous menu
5. UP/DOWN	Adjust the temperature and humidity
6. CONFIRMATION	Press "O" to wake up the screen
7. LEFT/RIGHT	Adjust the fan speed

VRF CONTROLLERS

TOUCH SCREEN CENTRALISED CONTROLLERS

The centralised controller is a multi-functional device that can control up to 48 systems within a maximum connection length of 1,200m. Users can use group control or individual control to set the temperature independently for each unit.





MODEL	TC3-7	TC3-10.1
Max. number of indoor units	128	384
Max number of systems	16	48
Screen Size	7"	10"
Mode selection	✓	✓
Temperature setting	✓	✓
7-speed fan control	✓	✓
Outdoor unit Eco mode setting	✓	✓
Schedule management	✓	✓
2 permission levels	✓	✓
Daylight saving time	✓	X
Unit model recognition	✓	✓
Electricity charge distribution	X	✓
Visual schematic	X	✓
Energy management	✓	✓
Group management	✓	✓
Error check function	✓	✓
System parameter querying	✓	X
LAN access	✓	✓
Enable & Fault Signal Ports	✓	✓
Dimensions (HxWxD)mm	106x190x32	270x183x27
Power Supply	12V DC	24V AC

TOUCH SCREEN CENTRAL CONTROLLER

The TC3-7 & TC3-10.1 offers control of up to 384 indoors units simultaneously.





HRV CONTROLLER - WDC3-86S2

MODEL	WDC3-86S2
Fan speed control	✓
Max HRV	16
Mode selection	✓
24 hour timer	✓
Keyboard lock	✓
Background light	✓
Clean filter reminder	✓
Clock display	✓
Address setting	✓
Remote signal receiver	✓
Weekly schedule timer	✓
Delay function	✓
Auto restart	✓
Error reporting	✓
Dimensions (HxWxD)mm	86x86x18
Power Supply	DC 18V



BMS & CLOUD GATEWAYS

BMS Gateways available via LonWorks, ModBUS and BACnet interfaces.

MODEL	DESCRIPTION	MAX INDOORS
GW3-LON*	LonWorks Gateway	64
GW3-MOD*	Modbus Gateway	64
GW3-BAC*	BACnet Gateway	192
GW3-CLOUD*	Cloud Controller	64

* Model may vary depending on system combinations

ACCESSORIES

MODEL	DESCRIPTION
MCAC-DIAG-B*	Diagnosis Software For - can be used to monitor VRF systems allowing you to access system settings, operation parameters, review logs and diagnose errors.
MA3-EK*	XYE extension kit allows you to connect two central controllers simultaneously (For example TC3-7 with GW-MOD(A))
RTS	Remote Temperature Sensor Extension (5 Meter)

WIRELESS REMOTE CONTROLLER

A user friendly wireless controller which offers many functions including; 24 hour timer, temperature control, fan speeds, system addressing and 'follow-me' sensitive cooling.



MODEL	RM23A
Mode selection	✓
Temperature setting	✓
7-speed fan control	✓
. Horizontal/ Vertical Louver Control	✓
Eco mode	✓
Louver individual control	✓
Indoor Silent Function Setting	✓
24 hour timer	✓
Sleep Function Setting	✓
Address setting	✓
Parameter Setting	✓
Follow Me function	✓
IDU Display On/Off Setting	✓
Background light	✓
Dimensions (HxWxD)mm	170x48x20
Power Supply	1.5V(LR03/AAA)x2