

# Control panels

## Range of control panels for fan coils

- **Wide range of panels for the simple, complete control of all the fan coil functions.**

### ACCESSORIES

**AERCAB:** 100 meter skein of shielded cable (4-pole wire + shield) for connection with RS485 serial port and CAN.

### T-TOUCH AND T-TOUCH-I



### Characteristics and equipment supplied as standard

- Installation on the fan coil.
- Air and water probes supplied as standard.
- RS485 serial port for connection with the VMF network (MASTER).
- Connection with VMF-E4X user interface.
- Control of the 3 speeds of the asynchronous motors.
- 0-10 V and/or PWM output for brushless motors.
- Two triac outputs for control of valves and/or accessories.
- MS input (micro switch).
- Inverter fault input.
- Visualisation of the speeds and the temperature set-point.

### Compatibility with the hydronic terminals

| Thermostat | Unit | Range            |
|------------|------|------------------|
| T-TOUCH    | FCZ  | AS - U - UA - DS |
| T-TOUCH-I  | FCZI | AS - U           |

### Compatibility with 2 and 4 pipes systems

|   | Air temperature probe | Water temperature probe |
|---|-----------------------|-------------------------|
| <b>2-pipe systems</b>                                 |                       |                         |
| without accessories                                   |                       |                         |
| with 2-way valve                                      |                       |                         |
| with 3-way valve                                      |                       |                         |
| with Cold Plasma purifier                             |                       |                         |
| with 2-way valve and Cold Plasma purifier             |                       |                         |
| with 3-way valve and Cold Plasma purifier             | supplied as standard  | supplied as standard    |
| with heater   |                       |                         |
| with 2-way valve and heater                           |                       |                         |
| with 3-way valve and heater                           |                       |                         |
| cooling only, with heater for heating                 |                       |                         |
| cooling only, with heater for heating and 3-way valve |                       |                         |
| <b>4-pipe systems</b>                                 |                       |                         |
| with 2-way valve                                      | supplied as standard  | supplied as standard    |
| with 3-way valve                                      |                       |                         |

## AER5031R



### Characteristics and equipment supplied as standard

- Flush installation (503-502 module box, or plasterboard boxes).
- Management of fan coils with asynchronous and brushless motor.
- Automatic / manual season changeover.
- Control of up to 2 On/Off valves.
- Control of 1 modulating valve 0-10.
- Temperature and ventilation control.
- Internal air probe.
- Compatibility with VMF-IR.
- Overall dimensions (mm): H=86 - W=125 - D=46.

### Compatibility with the hydronic terminals

Compatible with all ON/OFF fancoil and INVERTER fancoil, without on board controls.

### Compatibility with 2 and 4 pipes systems

| 2-pipe systems  | Air temperature probe | Water temperature probe |
|---|-----------------------|-------------------------|
| without accessories                                   |                       |                         |
| with 2-way valve                                      |                       |                         |
| with 3-way valve                                      |                       |                         |
| with Cold Plasma purifier                             |                       |                         |
| with 2-way valve and Cold Plasma purifier             |                       |                         |
| with 3-way valve and Cold Plasma purifier             |                       |                         |
| with heater   |                       |                         |
| with 2-way valve and heater                           | SAS                   | SW5                     |
| with 3-way valve and heater                           |                       |                         |
| cooling only, with heater for heating                 |                       |                         |
| cooling only, with heater for heating and 3-way valve |                       |                         |
| with 2-way valve and radiant panel (heating)          |                       |                         |
| radiant panel only (heating)                          |                       |                         |
| <b>4-pipe systems</b>                                 |                       |                         |
| with 2-way valve                                      | SAS                   | SW5                     |
| with 3-way valve                                      |                       |                         |

## TX



### Characteristics and equipment supplied as standard

- Wall-mount installation.
- Management of fan coils with asynchronous and brushless motor.
- Automatic / manual season changeover.
- Control of up to 2 On/Off valves.
- Temperature and ventilation control (3 speeds).
- Internal air probe
- Management of fins and external contact.
- Overall dimensions (mm): H=148 - W=70 - D=27.5.

### Compatibility with the hydronic terminals

Compatible with all ON/OFF fancoil and INVERTER fancoil, without on board controls.

### Compatibility with 2 and 4 pipes systems

| 2-pipe systems  | Air temperature probe | Water temperature probe |
|---|-----------------------|-------------------------|
| without accessories                                   |                       |                         |
| with 2-way valve                                      |                       |                         |
| with 3-way valve                                      |                       |                         |
| with Cold Plasma purifier                             |                       |                         |
| with 2-way valve and Cold Plasma purifier             |                       |                         |
| with 3-way valve and Cold Plasma purifier             |                       |                         |
| with heater   |                       |                         |
| with 2-way valve and heater                           | SAS                   | SW3/ SW5                |
| with 3-way valve and heater                           |                       |                         |
| cooling only, with heater for heating                 |                       |                         |
| cooling only, with heater for heating and 3-way valve |                       |                         |
| with 2-way valve and radiant panel (heating)          |                       |                         |
| radiant panel only (heating)                          |                       |                         |
| with twin delivery (Dualjet)                          |                       |                         |
| <b>4-pipe systems</b>                                 |                       |                         |
| with 2-way valve                                      | SAS                   | SW3/ SW5                |
| with 3-way valve                                      |                       |                         |

## PXA1



### Characteristics and equipment supplied as standard

- Installation on the fan coil.
- Automatic / manual season changeover.
- Control of up to 2 On/Off valves.
- Temperature and ventilation control (3 speeds).
- Internal water probe (2.5m) and air probe (2.3m).
- Management of fins and external contact.
- Overall dimensions (mm): H=148 - W=70 - D=27.5.

### Compatibility with the hydronic terminals

Compatible with all fancoil of the series FCZ-P, FCZI-P.

### Compatibility with 2 and 4 pipes systems

| 2-pipe systems  | Air temperature probe | Water temperature probe |
|---|-----------------------|-------------------------|
| without accessories                                   |                       |                         |
| with 2-way valve                                      |                       |                         |
| with 3-way valve                                      |                       |                         |
| with Cold Plasma purifier                             |                       |                         |
| with 2-way valve and Cold Plasma purifier             |                       |                         |
| with 3-way valve and Cold Plasma purifier             | supplied as standard  | supplied as standard    |
| with heater   |                       |                         |
| with 2-way valve and heater                           |                       |                         |
| with 3-way valve and heater                           |                       |                         |
| cooling only, with heater for heating                 |                       |                         |
| cooling only, with heater for heating and 3-way valve |                       |                         |
| <b>4-pipe systems</b>                                 |                       |                         |
| with 2-way valve                                      | supplied as standard  | supplied as standard    |
| with 3-way valve                                      |                       |                         |

## TXB/TXBI - TXBIS



TXB-TXBI

TXBIS

### Characteristics and equipment supplied as standard

- Installation on the fan coil.
- Automatic / manual season changeover.
- Control of up to 2 On/Off valves.
- Temperature and ventilation control (3 speeds).
- Internal air probe.
- Water probe (supplied) for controlling the minimum or maximum depending on the system, with the possibility to fit an external air probe (SA5).

### Compatibility with the hydronic terminals

#### TXB

Compatible with all fancoil of the series FCZ.

#### TXBI

Compatible with all fancoil of the series FCZI.

#### TXBIS

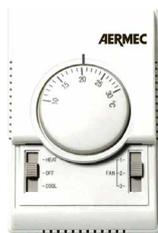
Compatible with all fancoil of the series ULSI\_B and ULSI\_BR.

- For ULSI\_BR units add the mandatory EC-TXBI accessory.

### Compatibility with 2 and 4 pipes systems

| 2-pipe systems  | Air temperature probe | Water temperature probe |
|---|-----------------------|-------------------------|
| without accessories                                   |                       |                         |
| with 2-way valve                                      |                       |                         |
| with 3-way valve                                      |                       |                         |
| with Cold Plasma purifier                             |                       |                         |
| with 2-way valve and Cold Plasma purifier             |                       |                         |
| with 3-way valve and Cold Plasma purifier             |                       |                         |
| with heater   |                       |                         |
| with 2-way valve and heater                           | supplied as standard  | supplied as standard    |
| with 3-way valve and heater                           |                       |                         |
| cooling only, with heater for heating                 |                       |                         |
| cooling only, with heater for heating and 3-way valve |                       |                         |
| with 2-way valve and radiant panel (heating)          |                       |                         |
| radiant panel only (heating)                          |                       |                         |
| with twin delivery (Dualjet)                          |                       |                         |
| <b>4-pipe systems</b>                                 |                       |                         |
| with 2-way valve                                      | supplied as standard  | supplied as standard    |
| with 3-way valve                                      |                       |                         |

## WMT16 - 16V



### Characteristics and equipment supplied as standard

- Wall-mount installation.
- Manual season changeover.
- Temperature and ventilation control (3 speeds).
- Thermostat-controlled ventilation WMT16 - Continuous WMT16CV
- Internal air probe.
- Overall dimensions (mm): H=130 - L=85 - P=40.

### Compatibility with the hydronic terminals

Compatible with all ON/OFF fancoil without on board controls.

### Compatibility with 2 pipe systems

| 2-pipe systems        | Air temperature probe | Water temperature probe |
|-----------------------|-----------------------|-------------------------|
| without accessories   |                       |                         |
| with 2-way valve      | internal              | -                       |
| <b>4-pipe systems</b> |                       |                         |
| with 2-way valve      | internal              | -                       |

## WMT10



### Characteristics and equipment supplied as standard

- Wall-mount installation.
- Manual season changeover.
- Control of up to 2 On/Off valves.
- Temperature and ventilation control (3 speeds).
- Internal air probe.
- Overall dimensions (mm): H=75 - W=127 - D=25.

### Compatibility with the hydronic terminals

Compatible with all ON/OFF fancoil without on board controls.

### Compatibility with 2 and 4 pipes systems

| 2-pipe systems                        | Air temperature probe | Water temperature probe |
|---------------------------------------|-----------------------|-------------------------|
| without accessories                   |                       |                         |
| with 2-way valve                      |                       |                         |
| with heater                           | internal              | -                       |
| with 2-way valve and heater           |                       |                         |
| cooling only, with heater for heating |                       |                         |
| <b>4-pipe systems</b>                 |                       |                         |
| with 2-way valve                      | internal              | -                       |

## FMT10



### Characteristics and equipment supplied as standard

- Wall-mount installation.
- Automatic / manual season changeover.
- Control of up to 2 On/Off valves, or 1 valve and 1 heater.
- Temperature and ventilation control (3 speeds).
- Air probe (supplied) to be installed on the fan coil intake.
- Overall dimensions (mm): H=80 - W=118 - D=40.

### Compatibility with the hydronic terminals

Compatible with all ON/OFF fancoil without on board controls.

### Compatibility with 2 and 4 pipes systems

| 2-pipe systems                        | Air temperature probe | Water temperature probe |
|---------------------------------------|-----------------------|-------------------------|
| without accessories                   |                       |                         |
| with 2-way valve                      |                       |                         |
| with heater                           | supplied as standard  | -                       |
| with 2-way valve and heater           |                       |                         |
| cooling only, with heater for heating |                       |                         |
| <b>4-pipe systems</b>                 |                       |                         |
| with 2-way valve                      | supplied as standard  | -                       |

## DSKT/DSKTI - DSKTS



**DSKT-DSKTI**

**DSKTS**

### Characteristics and equipment supplied as standard

- Installation on the fan coil.
- Air and water probes supplied as standard.
- RS485 serial port for connection with the VMF network (MASTER).
- Control of the 3 speeds of the asynchronous motors.
- 0-10 V and/or PWM output for brushless motors.
- MS input (micro switch).
- Inverter fault input.
- Visualisation of the speeds and the temperature set-point.
- Air purification device management.

### Compatibility with the hydronic terminals

#### DSKT

Compatible with all fancoil of the series FCZ-AS.

#### DSKTI

Compatible with all fancoil of the series FCZI-AS.

#### DSKTS

Compatible with all fancoil of the series ULSI\_B and ULSI\_BR.

■ For ULSI\_BR units add the mandatory EC-DSKT accessory.

### Compatibility with 2 and 4 pipes systems

| 2-pipe systems  | Air temperature probe | Water temperature probe |
|---|-----------------------|-------------------------|
| without accessories                                   |                       |                         |
| with 2-way valve                                      |                       |                         |
| with 3-way valve                                      |                       |                         |
| with Cold Plasma purifier                             |                       |                         |
| with 2-way valve and Cold Plasma purifier             |                       |                         |
| with 3-way valve and Cold Plasma purifier             | supplied as standard  | supplied as standard    |
| with heater   |                       |                         |
| with 2-way valve and heater                           |                       |                         |
| with 3-way valve and heater                           |                       |                         |
| cooling only, with heater for heating                 |                       |                         |
| cooling only, with heater for heating and 3-way valve |                       |                         |
| <b>4-pipe systems</b>                                 |                       |                         |
| with 2-way valve                                      |                       |                         |
| with 3-way valve                                      | supplied as standard  | supplied as standard    |

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