Fan coils with EC motor
YARDY-I EV3

Cooling capacity: 1.9÷8.4 kW - Heating capacity: 2.5÷11.8 kW

√ New white RAL 9003 for versions with cabinet
√ New touch controls
√ Air'Suite biocide filter for healthier and cleaner air in indoor environments
√ Enhanced performance with 4-row coil
√ Consumption reduced by 50% with EC motor
√ Continuous fan speed regulation

Construction features
• Heat exchanger: with finned coil with left side connections reversible to the right.
• Centrifugal fan with an inverter controlled electronic brushless motor and continuous speed adjustment.
• Cabinet version structure: covering cabinet in pre-painted sheet steel, RAL9003, complete with a regenerable filter, ABS polymer grilles and a natural condensate drain pan.
• Recessed version structure: in galvanised sheet steel, complete with a natural condensate drain pan and regenerative filter.

Versions
• MVP - Vertical unit with cabinet equipped with lower air inlet and upper delivery for wall mounting installation or with feet on the ground.
• MVT - Vertical unit with cabinet equipped with front air inlet and upper delivery for floor installation.
• MXP - Horizontal/vertical unit with cabinet, equipped with lower air inlet and upper delivery, for ceiling installation, wall mounted or with feet on the ground.
• MXF - Horizontal/vertical unit with cabinet, equipped with front air inlet and upper delivery, for ceiling or floor installation.
• IVP - Recessed vertical unit equipped with lower air inlet and upper delivery for wall mounting installation.
• IVF - Recessed vertical unit equipped with lower air inlet and front delivery for wall mounting installation.
• IXP - Horizontal/vertical unit equipped with lower air inlet and upper delivery for false ceiling or recessed wall installation.

Construction set-ups
Type of unit
2T - Single main coil.
4T - Double main coil and additional.

ACCESSORIES
➔❖ Additional water heating coil for 4-pipe systems.
➔❖ Electrical resistance.
➔❖ 2-way ON/OFF electrovalves for 2 and 4-pipe systems.
➔❖ 3-way ON/OFF electrovalves for 2 and 4-pipe systems.
➔❖ 4-way ON/OFF electrovalves for 4-pipe systems with single main coil.
➔❖ Auxiliary condensate drain pan.
➔❖ Air'Suite biocide filter.
❖ Electrical box for connection terminal block.
❖ Air inlet flange: Ø10cm or Ø12cm.
➔ Manual damper.
➔ Motorised damper.
➔ Back in view.
➔ Rear closing panel.
➔ Rear closing panel with grille and filter.
➔ Support feet with pipe cover.
➔ Flanged frame for duct connection.
➔ Frame with Air'Suite biocide filter (G2) that can be extracted in any direction.
➔ Delivery straight fitting.
➔ 90° delivery and inlet fitting.
➔ Telescopic outlet/inlet fitting.
➔ Inlet grille with filter.
➔ Delivery grille.
➔ Formwork for recessed wall or false ceiling installation.
➔ Aesthetic panel for wall mounted formwork, with air delivery and return grille.
➔ Aesthetic panel for formwork, with air inlet grille.
➔ Delivery nozzle made of aluminium, with a double row of adjustable fins.
➔ Anti-vibration fitting for delivery/inlet duct connection.
➔ Intake/outlet plenum with round nozzles.

CONTROLS
STANDARD controls
For wall mounting installation
➔ Electronic panel with display and RS485 serial interface, semi-recessed in wall.

Advanced LIT-TOUCH controls
➔ Flush LIT-Touch control panel in glossy black or pearl white for wall mounting installation.
➔ Wall mounted LIT-Touch remote control and receiver with air temperature probe and operation LED.
➔❖ LIT-Touch control with air temperature probe for on board installation.
For on board installation
➔❖ LIT-Touch electronic control for 2-pipe systems, with 2 pipes with electrical resistance or 4 pipes, complete with a minimum water temperature probe, ON/OFF valve control and integrated master/slave function up to a total of 15 units.
➔❖ Additional board with 2 digital outputs that can be configured.
➔❖ On board air temperature probe.
➔❖ RS485 serial board for serial communication with other devices (Modbus RTU protocol).

Key: ❖ Factory fitted
➔ Supplied separately
### Technical Data

#### DIMENSIONS AND WEIGHTS

<table>
<thead>
<tr>
<th>Model</th>
<th>20</th>
<th>24</th>
<th>30</th>
<th>34</th>
<th>45</th>
<th>48</th>
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</table>

Data at the following conditions:

2. Air: 20°C - Water: 45/40°C.
4. Air: 20°C - Water: 70/80°C.
5. Air: 20°C - Water: 65/55°C.
6. For room volume equal to 100 m³ and reverberation time = 0.5 sec.
8. Performance refers to the motor's input signal: 10V - 6V - 1V at MAX - MED - MIN speed.
9. For the selection with Air'Suite filter, refer to the UP-TO-DATE selection Software.
10. For the selection with Air'Suite filter, refer to the UP-TO-DATE selection Software.

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