

Cooling capacity 1,9÷10,9 kW

Heating capacity 2,6÷14,0 kW



### Smart control via APP

### Touch control panel

**Set-ups for 2 or 4-pipe installations or 2 pipe installations with electrical resistance**

**ABS or metal ceiling panelling with Coanda effect.**

### New touch controls

**2 or 3-way, ON/OFF electrovalves and pre-mounted controls on board**

Tax incentives\*



## Cassette-type fan coil units.

### Construction features

- Fan coils: cassette-type for installation in false ceilings, with air return and delivery directly in the room.
- Heat exchanger: finned coil.
- Radial fan.
- 6-speed motor, 3 of which are connected in a terminal block.
- Structure: self-supporting, in galvanised sheet steel complete with an additional condensate drain pan and pump to lift the condensate (maximum head 650 mm).
- PLP buffer ceiling (accessory): in ABS polymer (RAL 9003) with manually adjustable delivery fins, return grille and regenerable filter.

### ACCESSORIES

- PLP-ABS ceiling panelling (RAL 9003).
- PLM – Metal ceiling panelling (RAL 9003) flush with false ceiling with Coanda effect.
- ❖ 3-way ON/OFF electrovalve for 2 and 4-pipe systems.
- ❖ 2-way ON/OFF electrovalves for 2 and 4-pipe systems.
- Primary air duct fitting.
- Circular connector for air distribution at a distance from the unit.
- Primary air kit.

### CONTROLS

STANDARD controls

For wall mounting installation

- Panel with speed and summer/winter switch.
- Panel with room thermostat, summer/winter switch, speed switch, ON/OFF valve control and electrical resistance.

- Electronic panel with automatic summer/winter switching for 2-pipe systems.
- Electronic panel with automatic summer/winter switching and automatic speed adjustment for 2-pipe systems with electrical resistance or 4-pipe systems.
- Electronic panel with display and RS485 serial interface, semi-recessed in wall.
- Interface board to control up to 4 fan coils.

## **ADVANCED controls**

- Flush LIT-Touch control panel in glossy black or pearl white for wall mounting installation.
  - LIT-Touch remote control and receiver for ceiling panelling or wall mounting installation, with air temperature probe and operation LED.
- For on board installation
- ❖ LIT-Touch electronic control for 2-pipe systems, with 2 pipes with electrical resistance or 4 pipes, complete with 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).
  - Wi-Fi gateway for Rhoss TEMA APP.
- Key: ❖ Factory fitted
- Supplied separately

## Technical data

| DIVA 2T                                               |            |       |   | 20              | 30              | 40              | 50              | 60              | 90              | 110             |          |
|-------------------------------------------------------|------------|-------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------|
| ❶ Total cooling capacity [EN1397]                     | MAX        | kW    | E | 1,92            | 2,64            | 4,26            | 4,93            | 6,08            | 9,39            | 10,93           |          |
|                                                       | MED        | kW    | E | 1,6             | 2,31            | 3,3             | 3,82            | 4,86            | 6,72            | 8,36            |          |
|                                                       | MIN        | kW    | E | 1,25            | 1,82            | 2,23            | 2,91            | 4,18            | 5,27            | 5,27            |          |
| ❷ Heating capacity (45°C) [EN1397]                    | MAX        | kW    | E | 2,24            | 2,8             | 4,37            | 5,15            | 6,5             | 9,23            | 11,77           |          |
|                                                       | MED        | kW    | E | 1,8             | 2,42            | 3,28            | 3,85            | 5,03            | 6,4             | 8,56            |          |
|                                                       | MIN        | kW    | E | 1,39            | 1,86            | 2,13            | 2,85            | 4,27            | 4,92            | 5,12            |          |
| ❸ Heating capacity (50°C)                             | MAX        | kW    | E | 2,64            | 3,35            | 5,23            | 6,17            | 7,77            | 10,7            | 14              |          |
|                                                       | MED        | kW    | E | 2,12            | 2,9             | 3,93            | 4,63            | 6,03            | 7,34            | 10,3            |          |
|                                                       | MIN        | kW    | E | 1,62            | 2,22            | 2,56            | 3,43            | 5,12            | 5,61            | 6,13            |          |
| ❹ Heating capacity (70°C) [EN1397]                    | MAX        | kW    |   | 4,13            | 5,32            | 8,58            | 10,29           | 12,08           | 15,55           | 22,63           |          |
|                                                       | MED        | kW    |   | 2,8             | 4,37            | 6,32            | 7,69            | 9,29            | 9,98            | 17,21           |          |
|                                                       | MIN        | kW    |   | 2,03            | 3,24            | 4,13            | 5,48            | 7,19            | 7,23            | 9,74            |          |
| RE electrical resistance                              | 230-1-50 V | kW    |   | -               | 1,5             | 2,5             | 2,5             | 3               | 3               | 3               |          |
| ❺ Air flow speed                                      | MAX        | m³/h  |   | 610             | 520             | 710             | 880             | 1140            | 1500            | 1820            |          |
|                                                       | MED        | m³/h  |   | 420             | 420             | 500             | 610             | 820             | 970             | 1280            |          |
|                                                       | MIN        | m³/h  |   | 310             | 310             | 320             | 430             | 630             | 710             | 710             |          |
| ❻ Sound power                                         | MAX        | dB(A) | E | 49              | 45              | 53              | 59              | 48              | 53              | 58              |          |
|                                                       | MED        | dB(A) | E | 40              | 40              | 45              | 49              | 40              | 40              | 48              |          |
|                                                       | MIN        | dB(A) | E | 33              | 33              | 33              | 41              | 33              | 34              | 34              |          |
| ❼ Sp. sound pressure                                  | MAX        | dB(A) |   | 40              | 36              | 44              | 50              | 39              | 44              | 49              |          |
|                                                       | MED        | dB(A) |   | 31              | 31              | 36              | 40              | 31              | 31              | 39              |          |
|                                                       | MIN        | dB(A) |   | 24              | 24              | 24              | 32              | 24              | 25              | 25              |          |
| Absorbed power                                        | MAX        | W     | E | 57              | 44              | 68              | 90              | 77              | 120             | 170             |          |
|                                                       | MED        | W     | E | 32              | 32              | 44              | 57              | 48              | 63              | 95              |          |
|                                                       | MIN        | W     | E | 25              | 25              | 25              | 32              | 33              | 42              | 42              |          |
| Electrical supply                                     | V-ph-Hz    |       |   | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        |          |
| DIMENSIONS AND WEIGHT                                 |            |       |   | 20              | 30              | 40              | 50              | 60              | 90              | 110             |          |
| Box – Dimensions WxHxD                                |            | mm    |   | 575 x 275 x 575 | 575 x 275 x 575 | 575 x 275 x 575 | 575 x 275 x 575 | 820 x 303 x 820 | 820 x 303 x 820 | 820 x 303 x 820 |          |
| PLP Ceiling panelling – Dimensions WxHxD              |            | mm    |   | 670x 67x 670    | 670x 67x 670    | 670x 67x 670    | 670x 67x 670    | 965 x 85 x 965  | 965 x 85 x 965  | 965 x 85 x 965  |          |
| Box – Weight                                          |            | kg    |   | 22              | 22              | 24              | 24              | 36              | 39              | 39              |          |
| PLP Ceiling panelling – Weight                        |            | kg    |   | 3               | 3               | 3               | 3               | 6               | 6               | 6               |          |
|                                                       |            |       |   |                 |                 |                 |                 |                 |                 |                 |          |
|                                                       |            |       |   |                 |                 |                 |                 |                 |                 |                 |          |
| DIVA 4T                                               |            |       |   | 20              | 30              | 32              | 40              | 42              | 50              | 60              | 80       |
| ❶ Total cooling capacity [EN1397]                     | MAX        | kW    | E | 2,27            | 2,66            | 3,27            | 3,86            | 3,72            | 4,44            | 6,26            | 7,59     |
|                                                       | MED        | kW    | E | 1,93            | 2,33            | 2,61            | 3,02            | 2,96            | 3,47            | 4,98            | 5,6      |
|                                                       | MIN        | kW    | E | 1,49            | 1,83            | 1,83            | 2,07            | 2,33            | 2,69            | 4,11            | 4,48     |
| ❷ Heating capacity of additional coil (65°C) [EN1397] | MAX        | kW    | E | 2,66            | 3,04            | 3,86            | 2,91            | 4,19            | 3,29            | 8,02            | 9,66     |
|                                                       | MED        | kW    | E | 2,23            | 2,66            | 3,04            | 2,4             | 3,33            | 2,66            | 6,33            | 7,15     |
|                                                       | MIN        | kW    | E | 1,73            | 2,14            | 2,14            | 1,74            | 2,61            | 2,14            | 5,21            | 5,69     |
| ❸ Heating capacity of additional coil (70°C) [EN1397] | MAX        | kW    | E | 3,09            | 3,5             | 4,47            | 3,42            | 5,04            | 3,88            | 9,18            | 11,12    |
|                                                       | MED        | kW    | E | 2,57            | 3,05            | 3,5             | 2,75            | 4,03            | 3,12            | 7,24            | 8,16     |
|                                                       | MIN        | kW    | E | 1,99            | 2,46            | 2,46            | 2,01            | 3,13            | 2,49            | 5,94            | 6,49     |
| ❹ Air flow speed                                      | MAX        | m³/h  |   | 610             | 520             | 710             | 710             | 880             | 880             | 1140            | 1500     |
|                                                       | MED        | m³/h  |   | 420             | 420             | 500             | 500             | 610             | 610             | 820             | 970      |
|                                                       | MIN        | m³/h  |   | 310             | 310             | 320             | 320             | 430             | 430             | 630             | 710      |
| ❺ Sound power                                         | MAX        | dB(A) | E | 49              | 45              | 53              | 53              | 59              | 59              | 48              | 53       |
|                                                       | MED        | dB(A) | E | 40              | 40              | 45              | 45              | 49              | 49              | 40              | 40       |
|                                                       | MIN        | dB(A) | E | 33              | 33              | 33              | 33              | 41              | 41              | 33              | 34       |
| ❼ Sp. sound pressure                                  | MAX        | dB(A) |   | 40              | 36              | 44              | 44              | 50              | 50              | 39              | 44       |
|                                                       | MED        | dB(A) |   | 31              | 31              | 36              | 36              | 40              | 40              | 31              | 31       |
|                                                       | MIN        | dB(A) |   | 24              | 24              | 24              | 24              | 32              | 32              | 24              | 25       |
| ❹ Absorbed power                                      | MAX        | W     | E | 57              | 44              | 68              | 68              | 90              | 90              | 77              | 120      |
|                                                       | MED        | W     | E | 32              | 32              | 44              | 44              | 57              | 57              | 48              | 63       |
|                                                       | MIN        | W     | E | 25              | 25              | 25              | 25              | 32              | 32              | 33              | 42       |
| Electrical supply                                     | V-ph-Hz    |       |   | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50        | 230-1-50 |
| DIMENSIONS AND WEIGHT                                 |            |       |   | 20              | 30              | 32              | 40              | 42              | 50              | 60              | 80       |

|                                          |    |                 |                 |                 |                 |                 |                 |                 |                 |
|------------------------------------------|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Box – Dimensions WxHxD                   | mm | 575 x 275 x 575 | 575 x 275 x 575 | 575 x 275 x 575 | 575 x 275 x 575 | 575 x 275 x 575 | 575 x 275 x 575 | 820 x 303 x 820 | 820 x 303 x 820 |
| PLP Ceiling panelling – Dimensions WxHxD | mm | 670x 67x 670    | 670x 67x 670    | 670x 67x 670    | 670x 67x 670    | 670x 67x 670    | 670x 67x 670    | 965 x 85 x 965  | 965 x 85 x 965  |
| Box – Weight                             | kg | 24              | 24              | 24              | 24              | 24              | 24              | 39              | 39              |
| PLP Ceiling panelling – Weight           | kg | 3               | 3               | 3               | 3               | 3               | 3               | 6               | 6               |

|                                    |  |            |         |   |
|------------------------------------|--|------------|---------|---|
| <b>DIVA 2T</b>                     |  |            |         |   |
| ❶ Total cooling capacity [EN1397]  |  | MAX        | kW      | E |
|                                    |  | MED        | kW      | E |
|                                    |  | MIN        | kW      | E |
| ❷ Heating capacity (45°C) [EN1397] |  | MAX        | kW      | E |
|                                    |  | MED        | kW      | E |
|                                    |  | MIN        | kW      | E |
| ❸ Heating capacity (50°C)          |  | MAX        | kW      | E |
|                                    |  | MED        | kW      | E |
|                                    |  | MIN        | kW      | E |
| ❹ Heating capacity (70°C) [EN1397] |  | MAX        | kW      |   |
|                                    |  | MED        | kW      |   |
|                                    |  | MIN        | kW      |   |
| RE electrical resistance           |  | 230-1-50 V | kW      |   |
| ❷ Air flow speed                   |  | MAX        | m³/h    |   |
|                                    |  | MED        | m³/h    |   |
|                                    |  | MIN        | m³/h    |   |
| ❷ Sound power                      |  | MAX        | dB(A)   | E |
|                                    |  | MED        | dB(A)   | E |
|                                    |  | MIN        | dB(A)   | E |
| ❸ Sp. sound pressure               |  | MAX        | dB(A)   |   |
|                                    |  | MED        | dB(A)   |   |
|                                    |  | MIN        | dB(A)   |   |
| Absorbed power                     |  | MAX        | W       | E |
|                                    |  | MED        | W       | E |
|                                    |  | MIN        | W       | E |
| Electrical supply                  |  |            | V-ph-Hz |   |

|                                          |  |  |    |  |
|------------------------------------------|--|--|----|--|
| <b>DIMENSIONS AND WEIGHT</b>             |  |  |    |  |
| Box – Dimensions WxHxD                   |  |  | mm |  |
| PLP Ceiling panelling – Dimensions WxHxD |  |  | mm |  |
| Box – Weight                             |  |  | kg |  |
| PLP Ceiling panelling – Weight           |  |  | kg |  |

|                                                       |  |     |         |   |           |           |            |
|-------------------------------------------------------|--|-----|---------|---|-----------|-----------|------------|
| <b>DIVA 4T</b>                                        |  |     |         |   | <b>90</b> | <b>92</b> | <b>110</b> |
| ❶ Total cooling capacity [EN1397]                     |  | MAX | kW      | E | 8,65      | 8,72      | 10,03      |
|                                                       |  | MED | kW      | E | 6,27      | 6,84      | 7,75       |
|                                                       |  | MIN | kW      | E | 4,95      | 4,48      | 4,95       |
| ❷ Heating capacity of additional coil (65°C) [EN1397] |  | MAX | kW      | E | 7,5       | 11,16     | 8,58       |
|                                                       |  | MED | kW      | E | 5,63      | 8,81      | 6,79       |
|                                                       |  | MIN | kW      | E | 4,59      | 5,69      | 4,59       |
| ❹ Heating capacity of additional coil (70°C) [EN1397] |  | MAX | kW      | E | 8,68      | 12,87     | 9,97       |
|                                                       |  | MED | kW      | E | 6,48      | 10,08     | 7,5        |
|                                                       |  | MIN | kW      | E | 5,27      | 6,49      | 5,27       |
| ❹ Air flow speed                                      |  | MAX | m³/h    |   | 1500      | 1820      | 1820       |
|                                                       |  | MED | m³/h    |   | 970       | 1280      | 1280       |
|                                                       |  | MIN | m³/h    |   | 710       | 710       | 710        |
| ❹ Sound power                                         |  | MAX | dB(A)   | E | 53        | 58        | 58         |
|                                                       |  | MED | dB(A)   | E | 40        | 48        | 48         |
|                                                       |  | MIN | dB(A)   | E | 34        | 34        | 34         |
| ❸ Sp. sound pressure                                  |  | MAX | dB(A)   |   | 44        | 49        | 49         |
|                                                       |  | MED | dB(A)   |   | 31        | 39        | 39         |
|                                                       |  | MIN | dB(A)   |   | 25        | 25        | 25         |
| ❹ Absorbed power                                      |  | MAX | W       | E | 120       | 170       | 170        |
|                                                       |  | MED | W       | E | 63        | 95        | 95         |
|                                                       |  | MIN | W       | E | 42        | 42        | 42         |
| Electrical supply                                     |  |     | V-ph-Hz |   | 230-1-50  | 230-1-50  | 230-1-50   |

|                              |  |  |    |  |                 |                 |                 |
|------------------------------|--|--|----|--|-----------------|-----------------|-----------------|
| <b>DIMENSIONS AND WEIGHT</b> |  |  |    |  | <b>90</b>       | <b>92</b>       | <b>110</b>      |
| Box – Dimensions WxHxD       |  |  | mm |  | 820 x 303 x 820 | 820 x 303 x 820 | 820 x 303 x 820 |

| PLP Ceiling panelling – Dimensions WxHxD | mm | 965 x 85 x 965 | 965 x 85 x 965 | 965 x 85 x 965 |
|------------------------------------------|----|----------------|----------------|----------------|
| Box – Weight                             | kg | 39             | 39             | 39             |
| PLP Ceiling panelling – Weight           | kg | 6              | 6              | 6              |

Data at the following conditions:

- ❶ Air: 27°C D.B.; 19°C W.B. – Water: 7/12°C.
- ❷ Air: 20°C – Water: 45/40°C.
- ❸ Air: 20°C – Water: 50°C, flow rate as in cooling.
- ❹ Air: 20°C – Water: 70/60°C.
- ❺ Air: 20°C – Water: 65/55°C.
- ❻ For room volume equal to 100 m³ and reverberation time = 0.5 sec.
- E Eurovent certified performance.
- ❷ 2 pipes
- ❹ 4 pipes



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