



**Characteristics**



- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO<sub>2</sub> emissions (heating mode).
- Self-supporting casing construction made of galvanized steel plate, ready to be installed recessed in a false ceiling.
- Inlet grille (free of maintenance) made with aluminium profiles and blow-out nozzle, integrated in a single white frame colour RAL 9016. Other colours are available on request.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable in both directions.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficient fans.
- Includes direct expansion coil with sensors. Optional condensate water pump.
- CS-5DX-NE Plug&Play control with 5 speeds and telephone cable 7m included.
- Requires MITSUBISHI ELECTRIC DX Interface KIT adapted for air curtain and programmable control, please consult.
- Ready to connect to MITSUBISHI ELECTRIC Standard and Power Inverter outdoor heat pump unit (R410A) with expansion valve, not included, the customer should purchase it.

**Specifications**

| Model             | Airflow<br>m <sup>3</sup> /h | Outdoor Unit (*)<br>230Vx1 | Outdoor Unit (*)<br>400Vx3 | Power Fans<br>230V-50Hz<br>kW | Current Fans<br>230V-50Hz<br>A | Noise Level<br>(5 m)<br>dB(A) | Weight<br>kg |
|-------------------|------------------------------|----------------------------|----------------------------|-------------------------------|--------------------------------|-------------------------------|--------------|
| RECM 1000 DX8-ME  | 1640                         | PUHZ-ZRP71VHA              | -                          | 0,142                         | 1,24                           | 56                            | 63           |
| RECM 1500 DX11-ME | 2460                         | PUHZ-ZRP100VKA             | PUHZ-ZRP100YKA             | 0,213                         | 1,86                           | 57                            | 93           |
| RECM 1500 DX13-ME | 2460                         | PUHZ-ZRP125VKA             | PUHZ-ZRP125YKA             | 0,213                         | 1,86                           | 57                            | 93           |
| RECM 2000 DX16-ME | 3280                         | PUHZ-ZRP140VKA             | PUHZ-ZRP140YKA             | 0,284                         | 2,48                           | 58                            | 122          |
| RECM 2500 DX22-ME | 4100                         | -                          | PUHZ-ZRP200YKA             | 0,355                         | 3,10                           | 59                            | 153          |
| RECM 2500 DX24-ME | 4100                         | -                          | PUHZ-ZRP250YKA             | 0,355                         | 3,10                           | 59                            | 153          |
| RECG 1000 DX10-ME | 2190                         | PUHZ-ZRP100VKA             | PUHZ-ZRP100YKA             | 0,213                         | 1,86                           | 61                            | 67           |
| RECG 1500 DX14-ME | 2920                         | PUHZ-ZRP125VKA             | PUHZ-ZRP125YKA             | 0,284                         | 2,48                           | 62                            | 98           |
| RECG 2000 DX22-ME | 4380                         | -                          | PUHZ-ZRP200YKA             | 0,426                         | 3,72                           | 63                            | 131          |
| RECG 2000 DX24-ME | 4380                         | -                          | PUHZ-ZRP250YKA             | 0,426                         | 3,72                           | 63                            | 131          |
| RECG 2500 DX27-ME | 5110                         | -                          | PUHZ-ZRP250YKA             | 0,497                         | 4,34                           | 64                            | 163          |

(\*) Includes direct expansion valve.

| MITSUBISHI<br>Power Inverter (*)<br>Outdoor Units | Heating Capacity<br>kW | Heating Power<br>kW | SCOP or COP | Cooling Capacity<br>kW | Cooling Power<br>kW | SEER or EER | Power Supply | Pipes<br>Gas Liquid | Pipes<br>Minimum Length<br>m | Pipes<br>Maximum Length<br>m | Pipes<br>Maximum Height<br>m |
|---|------------------------|---------------------|-------------|------------------------|---------------------|-------------|--------------|---------------------|------------------------------|------------------------------|------------------------------|
| PUHZ-ZRP71VHA                                     | 8,0                    | 2,03                | 3,90        | 7,1                    | 2,01                | 5,60        | 230Vx1       | 5/8 3/8             | -                            | 50                           | 30                           |
| PUHZ-ZRP100VKA                                    | 11,2                   | 2,06                | 4,20        | 10,0                   | 2,63                | 5,60        | 230Vx1       | 5/8 3/8             | -                            | 75                           | 30                           |
| PUHZ-ZRP100YKA                                    | 11,2                   | 2,06                | 4,20        | 10,0                   | 2,63                | 5,50        | 400Vx3       | 5/8 3/8             | -                            | 75                           | 30                           |
| PUHZ-ZRP125VKA                                    | 14,0                   | 3,63                | 3,86        | 12,5                   | 4,05                | 3,09        | 230Vx1       | 5/8 3/8             | -                            | 75                           | 30                           |
| PUHZ-ZRP125YKA                                    | 14,0                   | 3,63                | 3,86        | 12,5                   | 4,05                | 3,09        | 400Vx3       | 5/8 3/8             | -                            | 75                           | 30                           |
| PUHZ-ZRP140VKA                                    | 16,0                   | 4,20                | 3,81        | 13,4                   | 4,36                | 3,07        | 230Vx1       | 5/8 3/8             | -                            | 75                           | 30                           |
| PUHZ-ZRP140YKA                                    | 16,0                   | 4,20                | 3,81        | 13,4                   | 4,36                | 3,07        | 400Vx3       | 5/8 3/8             | -                            | 75                           | 30                           |
| PUHZ-ZRP200YKA                                    | 22,4                   | 6,94                | 3,23        | 19,0                   | 6,46                | 2,94        | 400Vx3       | 1 3/8               | -                            | 100                          | 30                           |
| PUHZ-ZRP250YKA                                    | 27,0                   | 8,94                | 3,75        | 22,0                   | 8,31                | 2,65        | 400Vx3       | 1 1/2               | -                            | 100                          | 30                           |

(\*) Also compatible with Standard Inverter outdoor units.

Energy efficiency: SCOP/SEER seasonal ≤12kW, COP/EER >12kW.

Outdoor unit capacities depending on standard conditions: heating 20°CDB indoor / 7°CDB and 6°CWB outdoor, cooling 27°CDB and 19°CWB indoor / 35°CDB outdoor.

When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.



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- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficient fans.
- Includes direct expansion coil with sensors. Optional condensate water pump.
- CS-5DX-NE Plug&Play control with 5 speeds and telephone cable 7m included.
- Requires MITSUBISHI ELECTRIC VRF Interface KIT adapted for air curtain with expansion valve and programmable control, please consult.
- Ready to connect to MITSUBISHI ELECTRIC VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.

**Specifications**

| Model              | Airflow<br>m <sup>3</sup> /h | Power Fans<br>230V-50Hz<br>kW | Current Fans<br>230V-50Hz<br>A | Noise Level<br>(5 m)<br>dB(A) | Weight<br>kg | Mitsubishi Electric<br>Kit Interface<br>VRF (*) |
|--------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------|---|
| RECM 1500 VRF12-ME | 2460                         | 0,213                         | 1,86                           | 57                            | 93           | PAC-AH125M-J                                    |
| RECM 2000 VRF16-ME | 3280                         | 0,284                         | 2,48                           | 58                            | 122          | PAC-AH125M-J                                    |
| RECM 2000 VRF19-ME | 3280                         | 0,284                         | 2,48                           | 58                            | 122          | PAC-AH250M-J                                    |
| RECM 2500 VRF21-ME | 4100                         | 0,355                         | 3,10                           | 59                            | 153          | PAC-AH250M-J                                    |
| RECM 2500 VRF24-ME | 4100                         | 0,355                         | 3,10                           | 59                            | 153          | PAC-AH250M-J                                    |
| RECG 1000 VRF10-ME | 2190                         | 0,213                         | 1,86                           | 61                            | 67           | PAC-AH125M-J                                    |
| RECG 1500 VRF13-ME | 2920                         | 0,284                         | 2,48                           | 62                            | 98           | PAC-AH125M-J                                    |
| RECG 1500 VRF15-ME | 2920                         | 0,284                         | 2,48                           | 62                            | 98           | PAC-AH125M-J                                    |
| RECG 2000 VRF20-ME | 4380                         | 0,426                         | 3,72                           | 63                            | 131          | PAC-AH250M-J                                    |
| RECG 2000 VRF24-ME | 4380                         | 0,426                         | 3,72                           | 63                            | 131          | PAC-AH250M-J                                    |
| RECG 2500 VRF25-ME | 5110                         | 0,497                         | 4,34                           | 64                            | 163          | PAC-AH250M-J                                    |
| RECG 2500 VRF29-ME | 5110                         | 0,497                         | 4,34                           | 64                            | 163          | PAC-AH250M-J                                    |

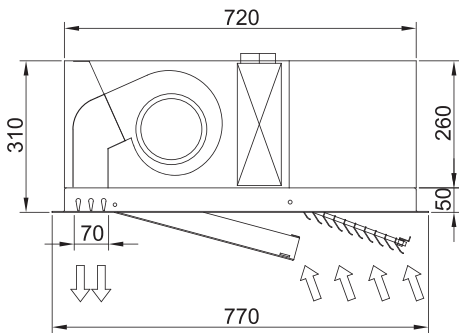
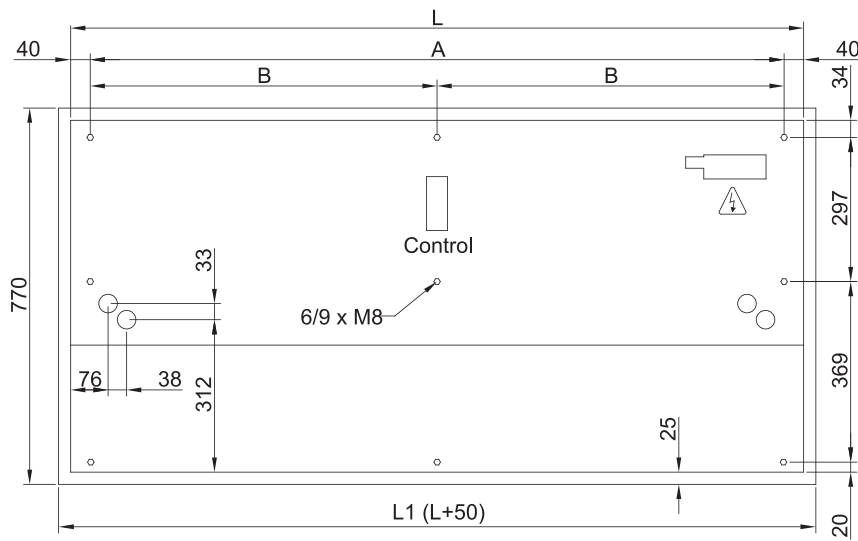
(\*) Includes direct expansion valve.

| MITSUBISHI ELECTRIC VRF compatible Outdoor Units |                    |
|--|--------------------|
| Range  | Series             |
| City Multi                                       | S/Y (Heat Pump)    |
| City Multi                                       | R2 (Heat Recovery) |
| Mr. Slim   | Standard Inverter  |
| Mr. Slim   | Power Inverter     |
| Mr. Slim   | Zubadan            |
| Industrial                                       | Standard Inverter  |
| Industrial                                       | Power Inverter     |

When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.



**Dimensions**



|           | L    | L1   | A    | B    |
|-----------|------|------|------|------|
| RWIN 1000 | 1000 | 1050 | 920  | -    |
| RWIN 1500 | 1500 | 1550 | 1420 | 710  |
| RWIN 2000 | 2000 | 2050 | 1920 | 960  |
| RWIN 2500 | 2500 | 2550 | 2420 | 1210 |

**Finishes and details**

Designed to be integrated in a false ceiling or in a bulkhead at the entrance of a local



Customizable inlet grille in RAL color optionally