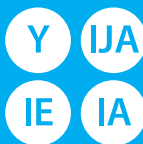




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Model Indoor unit **PCA-M100KA**
Outdoor unit **PUZ-ZM100VKA**

SEER



A++

A+

A

B

C

D

E

A++

kW 9,5

SEER 6,4

kWh/annum 513

SCOP



A++

A+

A

B

C

D

E

A+

kW X 7,8 X

SCOP X 4,3 X

kWh/annum X 2539 X



63dB



69dB



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626/2011

PRODUCT INFORMATION (*)

| | | |
|--------------------------|---------------|--------------|
| PACKAGED AIR CONDITIONER | INDOOR MODEL | PCA-M100KA |
| | OUTDOOR MODEL | PUZ-ZM100VKA |

| | |
|--------------------------------|---|
| Function (indicate if present) | |
| cooling | Y |
| heating | Y |

| | |
|---|---|
| If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season | |
| Average (mandatory) | Y |
| Warmer (if designated) | N |
| Colder (if designated) | N |

| Item | symbol | value | unit |
|--------------------|----------|-------|------|
| Design load | | | |
| cooling | Pdesignc | 9.5 | kW |
| heating/Average | Pdesignh | 7.8 | kW |
| heating/Warmer | Pdesignh | x | kW |
| heating/Colder | Pdesignh | x | kW |

| Item | symbol | value | unit |
|----------------------------|--------|-------|------|
| Seasonal efficiency | | | |
| cooling | SEER | 6.4 | - |
| heating/Average | SCOP/A | 4.3 | - |
| heating/Warmer | SCOP/W | x | - |
| heating/Colder | SCOP/C | x | - |

| | | | |
|---|-----|------|----|
| Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj | | | |
| Tj=35°C | Pdc | 9.50 | kW |
| Tj=30°C | Pdc | 7.00 | kW |
| Tj=25°C | Pdc | 4.60 | kW |
| Tj=20°C | Pdc | 4.20 | kW |

| | | | |
|--|------|-------|---|
| Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj | | | |
| Tj=35°C | EERd | 4.10 | - |
| Tj=30°C | EERd | 5.60 | - |
| Tj=25°C | EERd | 8.60 | - |
| Tj=20°C | EERd | 10.00 | - |

| | | | |
|--|-----|------|----|
| Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | Pdh | 6.90 | kW |
| Tj=2°C | Pdh | 4.20 | kW |
| Tj=7°C | Pdh | 3.30 | kW |
| Tj=12°C | Pdh | 3.90 | kW |
| Tj=bivalent temperature | Pdh | 7.80 | kW |
| Tj=operating limit | Pdh | 5.80 | kW |

| | | | |
|--|------|------|---|
| Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | COPd | 2.70 | - |
| Tj=2°C | COPd | 4.41 | - |
| Tj=7°C | COPd | 5.60 | - |
| Tj=12°C | COPd | 6.70 | - |
| Tj=bivalent temperature | COPd | 2.40 | - |
| Tj=operating limit | COPd | 1.60 | - |

| | | | |
|---|-----|---|----|
| Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=2°C | Pdh | x | kW |
| Tj=7°C | Pdh | x | kW |
| Tj=12°C | Pdh | x | kW |
| Tj=bivalent temperature | Pdh | x | kW |
| Tj=operating limit | Pdh | x | kW |

| | | | |
|---|------|---|---|
| Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=2°C | COPd | x | - |
| Tj=7°C | COPd | x | - |
| Tj=12°C | COPd | x | - |
| Tj=bivalent temperature | COPd | x | - |
| Tj=operating limit | COPd | x | - |

| | | | |
|---|-----|---|----|
| Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | Pdh | x | kW |
| Tj=2°C | Pdh | x | kW |
| Tj=7°C | Pdh | x | kW |
| Tj=12°C | Pdh | x | kW |
| Tj=bivalent temperature | Pdh | x | kW |
| Tj=operating limit | Pdh | x | kW |
| Tj=-15°C | Pdh | x | kW |

| | | | |
|---|------|---|---|
| Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | COPd | x | - |
| Tj=2°C | COPd | x | - |
| Tj=7°C | COPd | x | - |
| Tj=12°C | COPd | x | - |
| Tj=bivalent temperature | COPd | x | - |
| Tj=operating limit | COPd | x | - |
| Tj=-15°C | COPd | x | - |

| | | | |
|-----------------------------|------|-----|----|
| Bivalent temperature | | | |
| heating/Average | Tbiv | -10 | °C |
| heating/Warmer | Tbiv | x | °C |
| heating/Colder | Tbiv | x | °C |

| | | | |
|------------------------------------|-----|-----|----|
| Operating limit temperature | | | |
| heating/Average | Tol | -20 | °C |
| heating/Warmer | Tol | x | °C |
| heating/Colder | Tol | x | °C |

| | | | |
|----------------------------------|-------|------|----|
| Cycling interval capacity | | | |
| for cooling | Pcycc | x | kW |
| for heating | Pcyh | x | kW |
| Degradation co-efficient cooling | Cdc | 0.25 | - |

| | | | |
|------------------------------------|--------|------|---|
| Cycling interval efficiency | | | |
| for cooling | EERcyc | x | - |
| for heating | COPcyc | x | - |
| Degradation co-efficient heating | Cdh | 0.25 | - |

| | | | |
|---|----------|-------|---|
| Electric power input in power modes other than 'active mode' | | | |
| off mode | POFF | 18 | W |
| standby mode | PSB | 18 | W |
| thermostat - off mode | PTO(c/h) | 50/52 | W |
| crankcase heater mode | PCK | 0 | W |

| | | | |
|---------------------------------------|-----|------|-------|
| Annual electricity consumption | | | |
| cooling | QCE | 513 | kWh/a |
| heating/Average | QHE | 2539 | kWh/a |
| heating/Warmer | QHE | x | kWh/a |
| heating/Colder | QHE | x | kWh/a |

| | |
|---|---|
| Capacity control (indicate one of three options) | |
| fixed | N |
| staged | N |
| variable | Y |

| | | | |
|------------------------------------|-----|-----------|---------|
| Other items | | | |
| Sound power level (indoor/outdoor) | LWA | 63/69 | dB(A) |
| Global warming potential | GWP | 550 | kgCO2eq |
| Rated air flow (indoor/outdoor) | - | 1680/6600 | m3/h |

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| Contact details for obtaining more information | Name and address of the manufacturer or of its authorized representative. |
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(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

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|---|
| TECHNICAL DOCUMENTATION ⁽¹⁾ |
|---|

| | | | |
|--------------------------|---------------|--------------|---------------------|
| PACKAGED AIR CONDITIONER | INDOOR MODEL | PCA-M100KA | 230H1600W680D (mm) |
| | OUTDOOR MODEL | PUZ-ZM100VKA | 1338H1050W330D (mm) |

| Function | |
|----------|---|
| cooling | Y |
| heating | Y |

| The heating season | |
|------------------------|---|
| Average (mandatory) | Y |
| Warmer (if designated) | N |
| Colder (if designated) | N |

| Capacity control | |
|------------------|---|
| fixed | N |
| staged | N |
| variable | Y |

| Item | symbol | value | unit |
|------------------------------------|--------|-------|------|
| Seasonal efficiency ⁽²⁾ | | | |
| cooling | SEER | 6.4 | - |
| heating/Average | SCOP/A | 4.3 | - |
| heating/Warmer | SCOP/W | x | - |
| heating/Colder | SCOP/C | x | - |

| Energy efficiency class | | | |
|-------------------------|--------|-----|---|
| cooling | SEER | A++ | - |
| heating/Average | SCOP/A | A+ | - |
| heating/Warmer | SCOP/W | x | - |
| heating/Colder | SCOP/C | x | - |

| Other items | | | |
|------------------------------------|-----|-------|-----------------------|
| Sound power level (indoor/outdoor) | LWA | 63/69 | dB(A) |
| Refrigerant | - | R32 | - |
| Global warming potential | GWP | 550 | kgCO ₂ eq. |

| | |
|---|--|
| identification and signature of the person empowered to bind the supplier |  <hr style="width: 20%; margin: auto;"/> Takashi Tanabe Manager, Quality Assurance Department Mitsubishi Electric Air Conditioning Systems Europe Ltd. |
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(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011.

(2) SEER/SCOP values are measured based on FprEN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance.