



ENERG

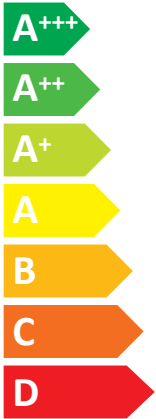
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Model Indoor unit
Outdoor unit

PEAD-M100JA2
PUHZ-P100YKA

SEER



kW 9,4

SEER 5,5

kWh/annum 596

SCOP



kW X 8,0 X

SCOP X 4,0 X

kWh/annum X 2797 X



62dB



70dB



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626/2011

PRODUCT INFORMATION (*)

| | | |
|--------------------------|---------------|--------------|
| PACKAGED AIR CONDITIONER | INDOOR MODEL | PEAD-M100JA2 |
| | OUTDOOR MODEL | PUHZ-P100YKA |

| 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'. | |
| Average (mandatory) | Y |
| Warmer (if designated) | N |
| Colder (if designated) | N |

| Item | symbol | value | unit |
|--------------------|----------|-------|------|
| Design load | | | |
| cooling | Pdesignc | 9.4 | kW |
| heating/Average | Pdesignh | 8.0 | kW |
| heating/Warmer | Pdesignh | x | kW |
| heating/Colder | Pdesignh | x | kW |

| Item | symbol | value | unit |
|----------------------------|--------|-------|------|
| Seasonal efficiency | | | |
| cooling | SEER | 5.5 | - |
| heating/Average | SCOP/A | 4.0 | - |
| 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 | 9.40 | kW |
| Tj=30°C | Pdc | 7.00 | kW |
| Tj=25°C | Pdc | 4.50 | kW |
| Tj=20°C | Pdc | 3.50 | kW |

| Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj | | | |
|---|------|------|---|
| Tj=35°C | EERd | 3.17 | - |
| Tj=30°C | EERd | 4.40 | - |
| Tj=25°C | EERd | 7.30 | - |
| Tj=20°C | EERd | 8.90 | - |

| Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj | | | |
|---|-----|------|----|
| Tj=-7°C | Pdh | 7.00 | kW |
| Tj=2°C | Pdh | 4.30 | kW |
| Tj=7°C | Pdh | 2.80 | kW |
| Tj=12°C | Pdh | 3.10 | kW |
| Tj=bivalent temperature | Pdh | 7.00 | kW |
| Tj=operating limit | Pdh | 4.50 | kW |

| Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj | | | |
|---|------|------|---|
| Tj=-7°C | COPd | 2.90 | - |
| Tj=2°C | COPd | 4.10 | - |
| Tj=7°C | COPd | 4.70 | - |
| Tj=12°C | COPd | 5.70 | - |
| Tj=bivalent temperature | COPd | 2.90 | - |
| Tj=operating limit | COPd | 1.80 | - |

| 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 | -7 | °C |
| heating/Warmer | Tbiv | x | °C |
| heating/Colder | Tbiv | x | °C |

| Operating limit temperature | | | |
|-----------------------------|-----|-----|----|
| heating/Average | Tol | -15 | °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 | 20 | W |
| standby mode | PSB | 20 | W |
| thermostat - off mode | PTO(c/h) | 17 / 35 | W |
| crankcase heater mode | PCK | 0 | W |

| Annual electricity consumption | | | |
|--------------------------------|-----|------|-------|
| cooling | QCE | 596 | kWh/a |
| heating/Average | QHE | 2797 | 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 | 62 / 70 | dB(A) |
| Global warming potential | GWP | 1975 | kgCO2eq. |
| Rated air flow (indoor/outdoor) | - | 1920 / 4740 | m3/h |

| | |
|--|---|
| Contact details for obtaining more information | MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan E-mail: melshierp@MitsubishiElectric.co.jp |
|--|---|

(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

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

| | | | |
|--------------------------|---------------|--------------|--------------------|
| PACKAGED AIR CONDITIONER | INDOOR MODEL | PEAD-M100JA2 | 250H1400W732D (mm) |
| | OUTDOOR MODEL | PUHZ-P100YKA | 981H1050W330D (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 | 5.5 | - |
| heating/Average | SCOP/A | 4.0 | - |
| 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 | 62 / 70 | dB(A) |
| Refrigerant | - | R410A | - |
| Global warming potential | GWP | 1975 | kgCO ₂ eq. |

| | |
|---|--|
| identification and signature of the person empowered to bind the supplier |  |
| | Tadashi Saito Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO.,LTD |

(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011.

(2) SEER/SCOP values are measured based on FprEN 14825:2016: Testing and rating at part load conditions and calculation of seasonal performance.