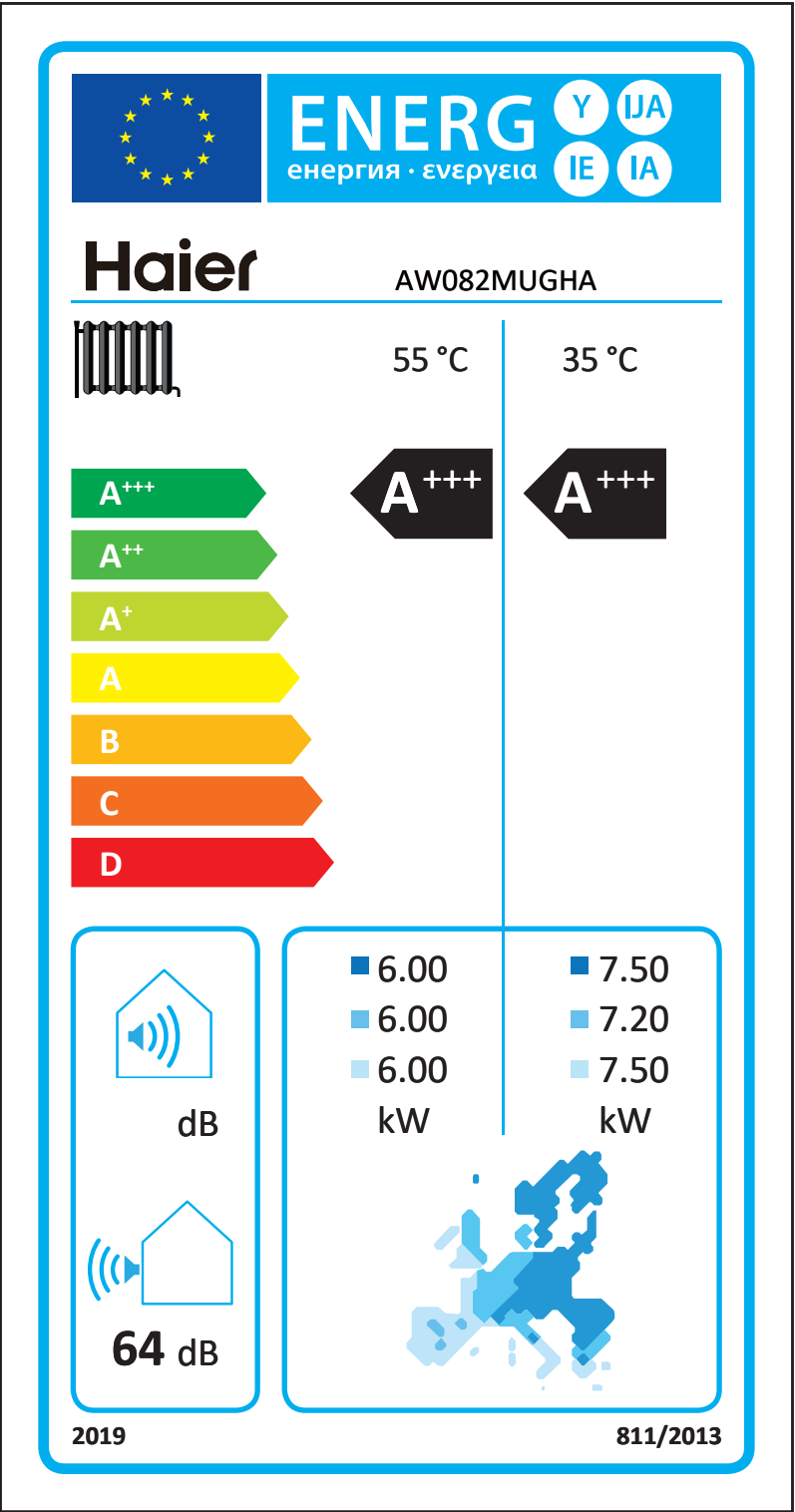




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| Model(s): [information identifying the model(s) to which the information relates]                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | AW082MUGHA                                                                                                                                   |                                      |       |       |
| Air-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |       |          | Yes                                                                                                                                          |                                      |       |       |
| Water-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Brine-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Low-temperature heat pump:                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Equipped with a supplementary heater:                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Heat pump combination heater:                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.                                                                                                                                                                                                                      |                                                                                                                                                                 |       |          | Low-temperature application                                                                                                                  |                                      |       |       |
| Parameters shall be declared for average, colder and warmer climate conditions.                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |       |          | Average climate conditions                                                                                                                   |                                      |       |       |
| Item                                                                                                                                                                                                                                                                                                                                                                                                                        | symbol                                                                                                                                                          | Value | Unit     | Item                                                                                                                                         | symbol                               | Value | Unit  |
| Rated heat output (*)                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>rated</sub>                                                                                                                                              | 7.2   | kW       | Seasonal space heating energy efficiency                                                                                                     | η <sub>s</sub>                       | 205   | %     |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |       |          | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub> |                                      |       |       |
| T <sub>j</sub> = − 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 6.34  | kW       | T <sub>j</sub> = − 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 3.43  | – or% |
| T <sub>j</sub> = + 2 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 3.89  | kW       | T <sub>j</sub> = + 2 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 5.01  | – or% |
| T <sub>j</sub> = + 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 2.52  | kW       | T <sub>j</sub> = + 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 6.88  | – or% |
| T <sub>j</sub> = + 12 °C                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | 3.56  | kW       | T <sub>j</sub> = + 12 °C                                                                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 8.83  | – or% |
| T <sub>j</sub> = bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>dh</sub>                                                                                                                                                 | 6.34  | kW       | T <sub>j</sub> = bivalent temperature                                                                                                        | COP <sub>d</sub> or PER <sub>d</sub> | 3.43  | – or% |
| T <sub>j</sub> = operation limit temperature                                                                                                                                                                                                                                                                                                                                                                                | P <sub>dh</sub>                                                                                                                                                 | 7.11  | kW       | T <sub>j</sub> = operation limit temperature                                                                                                 | COP <sub>d</sub> or PER <sub>d</sub> | 2.34  | – or% |
| For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | N/A   | kW       | For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | N/A   | – or% |
| Bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                                        | T <sub>biv</sub>                                                                                                                                                | -7    | °C       | For air-to-water heat pumps: Operation limit temperature                                                                                     | TOL                                  | -25   | °C    |
| Cycling interval capacity for heating                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>cych</sub>                                                                                                                                               | N/A   | kW       | Cycling interval efficiency                                                                                                                  | COP <sub>d</sub> or PER <sub>d</sub> | 0.9   | – or% |
| Degradation co- efficient (**)                                                                                                                                                                                                                                                                                                                                                                                              | C <sub>dh</sub>                                                                                                                                                 | 0.9   | —        | Heating water operating limit temperature                                                                                                    | WTOL                                 | 80    | °C    |
| Power consumption in modes other than active mode                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | Supplementary heater: N/A                                                                                                                    |                                      |       |       |
| Off mode                                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>OFF</sub>                                                                                                                                                | 0.018 | kW       | Rated heat output (*)                                                                                                                        | P <sub>sup</sub>                     | 0.09  | kW    |
| Thermostat-off mode                                                                                                                                                                                                                                                                                                                                                                                                         | P <sub>TO</sub>                                                                                                                                                 | 0.018 | kW       | Type of energy input                                                                                                                         | -                                    |       |       |
| Standby mode                                                                                                                                                                                                                                                                                                                                                                                                                | P <sub>SB</sub>                                                                                                                                                 | 0.018 | kW       |                                                                                                                                              |                                      |       |       |
| Crankcase heater mode                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>CK</sub>                                                                                                                                                 | 0     | kW       |                                                                                                                                              |                                      |       |       |
| Other items                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Capacity control                                                                                                                                                                                                                                                                                                                                                                                                            | Variable                                                                                                                                                        |       |          | For air-to-water heat pumps: Rated air flow rate, outdoors                                                                                   | —                                    | 3028  | m³/h  |
| Sound power level, indoors/ outdoors                                                                                                                                                                                                                                                                                                                                                                                        | L <sub>WA</sub>                                                                                                                                                 | -/59  | dB(A)    | For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger                                             | N/A                                  | 1.376 | m³/h  |
| Annual energy consumption                                                                                                                                                                                                                                                                                                                                                                                                   | Q <sub>HE</sub>                                                                                                                                                 | 2866  | kWhor GJ |                                                                                                                                              |                                      |       |       |
| For heat pump combination heater: N/A                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Declared load profile                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                                               |       |          | Water heating energy efficiency                                                                                                              | η <sub>wh</sub>                      | -     | %     |
| Daily electricity consumption                                                                                                                                                                                                                                                                                                                                                                                               | Q <sub>elec</sub>                                                                                                                                               | -     | kWh      | Daily fuel consumption                                                                                                                       | Q <sub>fuel</sub>                    | -     | kWh   |
| Annual electricity consumption                                                                                                                                                                                                                                                                                                                                                                                              | AEC                                                                                                                                                             | -     | kWh      | Annual fuel consumption                                                                                                                      | AFC                                  | -     | GJ    |
| Contact details                                                                                                                                                                                                                                                                                                                                                                                                             | Qingdao Haier Air Conditioner Electric Co., Ltd.<br>Haier industrial Park, No.236, Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555, China |       |          |                                                                                                                                              |                                      |       |       |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0.9. |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |

|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
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| Model(s): [information identifying the model(s) to which the information relates]                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |       |          | AW082MUGHA                                                                                                                                   |                                      |       |       |
| Air-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                 |       |          | Yes                                                                                                                                          |                                      |       |       |
| Water-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Brine-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Low-temperature heat pump:                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Equipped with a supplementary heater:                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Heat pump combination heater:                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.                                                                                                                                                                                                         |                                                                                                                                                                 |       |          | Medium-temperature application                                                                                                               |                                      |       |       |
| Parameters shall be declared for average, colder and warmer climate conditions.                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                 |       |          | Average climate conditions                                                                                                                   |                                      |       |       |
| Item                                                                                                                                                                                                                                                                                                                                                                                                           | symbol                                                                                                                                                          | Value | Unit     | Item                                                                                                                                         | symbol                               | Value | Unit  |
| Rated heat output (*)                                                                                                                                                                                                                                                                                                                                                                                          | P <sub>rated</sub>                                                                                                                                              | 6     | kW       | Seasonal space heating energy efficiency                                                                                                     | η <sub>s</sub>                       | 151   | %     |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                 |       |          | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub> |                                      |       |       |
| T <sub>j</sub> = − 7 °C                                                                                                                                                                                                                                                                                                                                                                                        | P <sub>dh</sub>                                                                                                                                                 | 5.28  | kW       | T <sub>j</sub> = − 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 2.48  | – or% |
| T <sub>j</sub> = + 2 °C                                                                                                                                                                                                                                                                                                                                                                                        | P <sub>dh</sub>                                                                                                                                                 | 3.24  | kW       | T <sub>j</sub> = + 2 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 3.65  | – or% |
| T <sub>j</sub> = + 7 °C                                                                                                                                                                                                                                                                                                                                                                                        | P <sub>dh</sub>                                                                                                                                                 | 2.10  | kW       | T <sub>j</sub> = + 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 5.43  | – or% |
| T <sub>j</sub> = + 12 °C                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>dh</sub>                                                                                                                                                 | 3.22  | kW       | T <sub>j</sub> = + 12 °C                                                                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 6.70  | – or% |
| T <sub>j</sub> = bivalent temperature                                                                                                                                                                                                                                                                                                                                                                          | P <sub>dh</sub>                                                                                                                                                 | 5.28  | kW       | T <sub>j</sub> = bivalent temperature                                                                                                        | COP <sub>d</sub> or PER <sub>d</sub> | 2.48  | – or% |
| T <sub>j</sub> = operation limit temperature                                                                                                                                                                                                                                                                                                                                                                   | P <sub>dh</sub>                                                                                                                                                 | 5.95  | kW       | T <sub>j</sub> = operation limit temperature                                                                                                 | COP <sub>d</sub> or PER <sub>d</sub> | 1.85  | – or% |
| For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                                                                                                                                                                                                                                                                                       | P <sub>dh</sub>                                                                                                                                                 | N/A   | kW       | For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | N/A   | – or% |
| Bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                           | T <sub>biv</sub>                                                                                                                                                | -7    | °C       | For air-to-water heat pumps: Operation limit temperature                                                                                     | TOL                                  | -25   | °C    |
| Cycling interval capacity for heating                                                                                                                                                                                                                                                                                                                                                                          | P <sub>cych</sub>                                                                                                                                               | N/A   | kW       | Cycling interval efficiency                                                                                                                  | COP <sub>d</sub> or PER <sub>d</sub> | 0.9   | – or% |
| Degradation co- efficient (**)                                                                                                                                                                                                                                                                                                                                                                                 | C <sub>dh</sub>                                                                                                                                                 | 0.9   | —        | Heating water operating limit temperature                                                                                                    | WTOL                                 | 80    | °C    |
| Power consumption in modes other than active mode                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |       |          | Supplementary heater: N/A                                                                                                                    |                                      |       |       |
| Off mode                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>OFF</sub>                                                                                                                                                | 0.018 | kW       | Rated heat output (*)                                                                                                                        | P <sub>sup</sub>                     | 0.05  | kW    |
| Thermostat-off mode                                                                                                                                                                                                                                                                                                                                                                                            | P <sub>TO</sub>                                                                                                                                                 | 0.018 | kW       | Type of energy input                                                                                                                         | -                                    |       |       |
| Standby mode                                                                                                                                                                                                                                                                                                                                                                                                   | P <sub>SB</sub>                                                                                                                                                 | 0.018 | kW       |                                                                                                                                              |                                      |       |       |
| Crankcase heater mode                                                                                                                                                                                                                                                                                                                                                                                          | P <sub>CK</sub>                                                                                                                                                 | 0     | kW       |                                                                                                                                              |                                      |       |       |
| Other items                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Capacity control                                                                                                                                                                                                                                                                                                                                                                                               | Variable                                                                                                                                                        |       |          | For air-to-water heat pumps: Rated air flow rate, outdoors                                                                                   | —                                    | 3429  | m³/h  |
| Sound power level, indoors/ outdoors                                                                                                                                                                                                                                                                                                                                                                           | L <sub>WA</sub>                                                                                                                                                 | -/64  | dB(A)    | For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger                                             | N/A                                  | 0.860 | m³/h  |
| Annual energy consumption                                                                                                                                                                                                                                                                                                                                                                                      | Q <sub>HE</sub>                                                                                                                                                 | 3223  | kWhor GJ |                                                                                                                                              |                                      |       |       |
| For heat pump combination heater: N/A                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Declared load profile                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                                                                                               |       |          | Water heating energy efficiency                                                                                                              | η <sub>wh</sub>                      | -     | %     |
| Daily electricity consumption                                                                                                                                                                                                                                                                                                                                                                                  | Q <sub>elec</sub>                                                                                                                                               | -     | kWh      | Daily fuel consumption                                                                                                                       | Q <sub>fuel</sub>                    | -     | kWh   |
| Annual electricity consumption                                                                                                                                                                                                                                                                                                                                                                                 | AEC                                                                                                                                                             | -     | kWh      | Annual fuel consumption                                                                                                                      | AFC                                  | -     | GJ    |
| Contact details                                                                                                                                                                                                                                                                                                                                                                                                | Qingdao Haier Air Conditioner Electric Co., Ltd.<br>Haier industrial Park, No.236, Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555, China |       |          |                                                                                                                                              |                                      |       |       |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(Tj). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0,9. |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |

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| Model(s): [information identifying the model(s) to which the information relates]                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | AW082MUGHA                                                                                                                                   |                                      |       |       |
| Air-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |       |          | Yes                                                                                                                                          |                                      |       |       |
| Water-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Brine-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Low-temperature heat pump:                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Equipped with a supplementary heater:                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Heat pump combination heater:                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.                                                                                                                                                                                                                      |                                                                                                                                                                 |       |          | Low-temperature application                                                                                                                  |                                      |       |       |
| Parameters shall be declared for average, colder and warmer climate conditions.                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |       |          | Cold climate conditions                                                                                                                      |                                      |       |       |
| Item                                                                                                                                                                                                                                                                                                                                                                                                                        | symbol                                                                                                                                                          | Value | Unit     | Item                                                                                                                                         | symbol                               | Value | Unit  |
| Rated heat output (*)                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>rated</sub>                                                                                                                                              | 7.5   | kW       | Seasonal space heating energy efficiency                                                                                                     | η <sub>s</sub>                       | 163   | %     |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |       |          | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub> |                                      |       |       |
| T <sub>j</sub> = − 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 5.47  | kW       | T <sub>j</sub> = − 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 3.55  | – or% |
| T <sub>j</sub> = + 2 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 3.44  | kW       | T <sub>j</sub> = + 2 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 5.00  | – or% |
| T <sub>j</sub> = + 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 4.15  | kW       | T <sub>j</sub> = + 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 6.85  | – or% |
| T <sub>j</sub> = + 12 °C                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | 5.03  | kW       | T <sub>j</sub> = + 12 °C                                                                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 9.23  | – or% |
| T <sub>j</sub> = bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>dh</sub>                                                                                                                                                 | 7.38  | kW       | T <sub>j</sub> = bivalent temperature                                                                                                        | COP <sub>d</sub> or PER <sub>d</sub> | 2.46  | – or% |
| T <sub>j</sub> = operation limit temperature                                                                                                                                                                                                                                                                                                                                                                                | P <sub>dh</sub>                                                                                                                                                 | 5.75  | kW       | T <sub>j</sub> = operation limit temperature                                                                                                 | COP <sub>d</sub> or PER <sub>d</sub> | 1.85  | – or% |
| For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | 7.4   | kW       | For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 2.5   | – or% |
| Bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                                        | T <sub>biv</sub>                                                                                                                                                | -15   | °C       | For air-to-water heat pumps: Operation limit temperature                                                                                     | TOL                                  | -25   | °C    |
| Cycling interval capacity for heating                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>cych</sub>                                                                                                                                               | N/A   | kW       | Cycling interval efficiency                                                                                                                  | COP <sub>d</sub> or PER <sub>d</sub> | 0.9   | – or% |
| Degradation co- efficient (**)                                                                                                                                                                                                                                                                                                                                                                                              | C <sub>dh</sub>                                                                                                                                                 | 0.9   | —        | Heating water operating limit temperature                                                                                                    | WTOL                                 | 60    | °C    |
| Power consumption in modes other than active mode                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | Supplementary heater: N/A                                                                                                                    |                                      |       |       |
| Off mode                                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>OFF</sub>                                                                                                                                                | 0.018 | kW       | Rated heat output (*)                                                                                                                        | P <sub>sup</sub>                     | 1.75  | kW    |
| Thermostat-off mode                                                                                                                                                                                                                                                                                                                                                                                                         | P <sub>TO</sub>                                                                                                                                                 | 0.018 | kW       | Type of energy input                                                                                                                         | -                                    |       |       |
| Standby mode                                                                                                                                                                                                                                                                                                                                                                                                                | P <sub>SB</sub>                                                                                                                                                 | 0.018 | kW       |                                                                                                                                              |                                      |       |       |
| Crankcase heater mode                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>CK</sub>                                                                                                                                                 | 0     | kW       |                                                                                                                                              |                                      |       |       |
| Other items                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Capacity control                                                                                                                                                                                                                                                                                                                                                                                                            | Variable                                                                                                                                                        |       |          | For air-to-water heat pumps: Rated air flow rate, outdoors                                                                                   | —                                    | 3028  | m³/h  |
| Sound power level, indoors/ outdoors                                                                                                                                                                                                                                                                                                                                                                                        | L <sub>WA</sub>                                                                                                                                                 | -/59  | dB(A)    | For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger                                             | N/A                                  | 1.376 | m³/h  |
| Annual energy consumption                                                                                                                                                                                                                                                                                                                                                                                                   | Q <sub>HE</sub>                                                                                                                                                 | 3430  | kWhor GJ |                                                                                                                                              |                                      |       |       |
| For heat pump combination heater: N/A                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Declared load profile                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                                               |       |          | Water heating energy efficiency                                                                                                              | η <sub>wh</sub>                      | -     | %     |
| Daily electricity consumption                                                                                                                                                                                                                                                                                                                                                                                               | Q <sub>elec</sub>                                                                                                                                               | -     | kWh      | Daily fuel consumption                                                                                                                       | Q <sub>fuel</sub>                    | -     | kWh   |
| Annual electricity consumption                                                                                                                                                                                                                                                                                                                                                                                              | AEC                                                                                                                                                             | -     | kWh      | Annual fuel consumption                                                                                                                      | AFC                                  | -     | GJ    |
| Contact details                                                                                                                                                                                                                                                                                                                                                                                                             | Qingdao Haier Air Conditioner Electric Co., Ltd.<br>Haier industrial Park, No.236, Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555, China |       |          |                                                                                                                                              |                                      |       |       |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0,9. |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |

|                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------|-------|
| Model(s): [information identifying the model(s) to which the information relates]                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | AW082MUGHA                                                                                                                                   |                                      |       |       |
| Air-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |       |          | Yes                                                                                                                                          |                                      |       |       |
| Water-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Brine-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Low-temperature heat pump:                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Equipped with a supplementary heater:                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Heat pump combination heater:                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.                                                                                                                                                                                                                      |                                                                                                                                                                 |       |          | Medium-temperature application                                                                                                               |                                      |       |       |
| Parameters shall be declared for average, colder and warmer climate conditions.                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |       |          | Cold climate conditions                                                                                                                      |                                      |       |       |
| Item                                                                                                                                                                                                                                                                                                                                                                                                                        | symbol                                                                                                                                                          | Value | Unit     | Item                                                                                                                                         | symbol                               | Value | Unit  |
| Rated heat output (*)                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>rated</sub>                                                                                                                                              | 6     | kW       | Seasonal space heating energy efficiency                                                                                                     | η <sub>s</sub>                       | 126   | %     |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |       |          | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub> |                                      |       |       |
| T <sub>j</sub> = − 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 4.29  | kW       | T <sub>j</sub> = − 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 2.83  | – or% |
| T <sub>j</sub> = + 2 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 3.20  | kW       | T <sub>j</sub> = + 2 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 3.76  | – or% |
| T <sub>j</sub> = + 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 4.05  | kW       | T <sub>j</sub> = + 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 5.52  | – or% |
| T <sub>j</sub> = + 12 °C                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | 4.84  | kW       | T <sub>j</sub> = + 12 °C                                                                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 8.03  | – or% |
| T <sub>j</sub> = bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>dh</sub>                                                                                                                                                 | 5.76  | kW       | T <sub>j</sub> = bivalent temperature                                                                                                        | COP <sub>d</sub> or PER <sub>d</sub> | 2.13  | – or% |
| T <sub>j</sub> = operation limit temperature                                                                                                                                                                                                                                                                                                                                                                                | P <sub>dh</sub>                                                                                                                                                 | 4.40  | kW       | T <sub>j</sub> = operation limit temperature                                                                                                 | COP <sub>d</sub> or PER <sub>d</sub> | 1.58  | – or% |
| For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | 5.8   | kW       | For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 2.1   | – or% |
| Bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                                        | T <sub>biv</sub>                                                                                                                                                | -15   | °C       | For air-to-water heat pumps: Operation limit temperature                                                                                     | TOL                                  | -25   | °C    |
| Cycling interval capacity for heating                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>cych</sub>                                                                                                                                               | N/A   | kW       | Cycling interval efficiency                                                                                                                  | COP <sub>d</sub> or PER <sub>d</sub> | 0.9   | – or% |
| Degradation co- efficient (**)                                                                                                                                                                                                                                                                                                                                                                                              | C <sub>dh</sub>                                                                                                                                                 | 0.9   | —        | Heating water operating limit temperature                                                                                                    | WTOL                                 | 60    | °C    |
| Power consumption in modes other than active mode                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | Supplementary heater: N/A                                                                                                                    |                                      |       |       |
| Off mode                                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>OFF</sub>                                                                                                                                                | 0.018 | kW       | Rated heat output (*)                                                                                                                        | P <sub>sup</sub>                     | 1.60  | kW    |
| Thermostat-off mode                                                                                                                                                                                                                                                                                                                                                                                                         | P <sub>TO</sub>                                                                                                                                                 | 0.018 | kW       | Type of energy input                                                                                                                         | -                                    |       |       |
| Standby mode                                                                                                                                                                                                                                                                                                                                                                                                                | P <sub>SB</sub>                                                                                                                                                 | 0.018 | kW       |                                                                                                                                              |                                      |       |       |
| Crankcase heater mode                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>CK</sub>                                                                                                                                                 | 0     | kW       |                                                                                                                                              |                                      |       |       |
| Other items                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Capacity control                                                                                                                                                                                                                                                                                                                                                                                                            | Variable                                                                                                                                                        |       |          | For air-to-water heat pumps: Rated air flow rate, outdoors                                                                                   | —                                    | 3429  | m³/h  |
| Sound power level, indoors/ outdoors                                                                                                                                                                                                                                                                                                                                                                                        | L <sub>WA</sub>                                                                                                                                                 | -/64  | dB(A)    | For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger                                             | N/A                                  | 0.860 | m³/h  |
| Annual energy consumption                                                                                                                                                                                                                                                                                                                                                                                                   | Q <sub>HE</sub>                                                                                                                                                 | 3381  | kWhor GJ |                                                                                                                                              |                                      |       |       |
| For heat pump combination heater: N/A                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Declared load profile                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                                               |       |          | Water heating energy efficiency                                                                                                              | η <sub>wh</sub>                      | -     | %     |
| Daily electricity consumption                                                                                                                                                                                                                                                                                                                                                                                               | Q <sub>elec</sub>                                                                                                                                               | -     | kWh      | Daily fuel consumption                                                                                                                       | Q <sub>fuel</sub>                    | -     | kWh   |
| Annual electricity consumption                                                                                                                                                                                                                                                                                                                                                                                              | AEC                                                                                                                                                             | -     | kWh      | Annual fuel consumption                                                                                                                      | AFC                                  | -     | GJ    |
| Contact details                                                                                                                                                                                                                                                                                                                                                                                                             | Qingdao Haier Air Conditioner Electric Co., Ltd.<br>Haier industrial Park, No.236, Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555, China |       |          |                                                                                                                                              |                                      |       |       |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0.9. |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |

|                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
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| Model(s): [information identifying the model(s) to which the information relates]                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | AW082MUGHA                                                                                                                                   |                                      |       |       |
| Air-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |       |          | Yes                                                                                                                                          |                                      |       |       |
| Water-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Brine-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Low-temperature heat pump:                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Equipped with a supplementary heater:                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Heat pump combination heater:                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.                                                                                                                                                                                                                      |                                                                                                                                                                 |       |          | Low-temperature application                                                                                                                  |                                      |       |       |
| Parameters shall be declared for average, colder and warmer climate conditions.                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |       |          | Warm climate conditions                                                                                                                      |                                      |       |       |
| Item                                                                                                                                                                                                                                                                                                                                                                                                                        | symbol                                                                                                                                                          | Value | Unit     | Item                                                                                                                                         | symbol                               | Value | Unit  |
| Rated heat output (*)                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>rated</sub>                                                                                                                                              | 7.5   | kW       | Seasonal space heating energy efficiency                                                                                                     | η <sub>s</sub>                       | 258   | %     |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |       |          | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub> |                                      |       |       |
| T <sub>j</sub> = − 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | /     | kW       | T <sub>j</sub> = − 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | /     | – or% |
| T <sub>j</sub> = + 2 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 9.09  | kW       | T <sub>j</sub> = + 2 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 4.11  | – or% |
| T <sub>j</sub> = + 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 5.83  | kW       | T <sub>j</sub> = + 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 6.12  | – or% |
| T <sub>j</sub> = + 12 °C                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | 4.99  | kW       | T <sub>j</sub> = + 12 °C                                                                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 8.57  | – or% |
| T <sub>j</sub> = bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>dh</sub>                                                                                                                                                 | 9.09  | kW       | T <sub>j</sub> = bivalent temperature                                                                                                        | COP <sub>d</sub> or PER <sub>d</sub> | 4.11  | – or% |
| T <sub>j</sub> = operation limit temperature                                                                                                                                                                                                                                                                                                                                                                                | P <sub>dh</sub>                                                                                                                                                 | 9.09  | kW       | T <sub>j</sub> = operation limit temperature                                                                                                 | COP <sub>d</sub> or PER <sub>d</sub> | 4.11  | – or% |
| For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | N/A   | kW       | For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | N/A   | – or% |
| Bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                                        | T <sub>biv</sub>                                                                                                                                                | 2     | °C       | For air-to-water heat pumps: Operation limit temperature                                                                                     | TOL                                  | -25   | °C    |
| Cycling interval capacity for heating                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>cych</sub>                                                                                                                                               | N/A   | kW       | Cycling interval efficiency                                                                                                                  | COP <sub>d</sub> or PER <sub>d</sub> | 0.9   | – or% |
| Degradation co- efficient (**)                                                                                                                                                                                                                                                                                                                                                                                              | C <sub>dh</sub>                                                                                                                                                 | 0.9   | —        | Heating water operating limit temperature                                                                                                    | WTOL                                 | 80    | °C    |
| Power consumption in modes other than active mode                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | Supplementary heater: N/A                                                                                                                    |                                      |       |       |
| Off mode                                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>OFF</sub>                                                                                                                                                | 0.018 | kW       | Rated heat output (*)                                                                                                                        | P <sub>sup</sub>                     | -     | kW    |
| Thermostat-off mode                                                                                                                                                                                                                                                                                                                                                                                                         | P <sub>TO</sub>                                                                                                                                                 | 0.018 | kW       | Type of energy input                                                                                                                         | -                                    |       |       |
| Standby mode                                                                                                                                                                                                                                                                                                                                                                                                                | P <sub>SB</sub>                                                                                                                                                 | 0.018 | kW       |                                                                                                                                              |                                      |       |       |
| Crankcase heater mode                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>CK</sub>                                                                                                                                                 | 0     | kW       |                                                                                                                                              |                                      |       |       |
| Other items                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Capacity control                                                                                                                                                                                                                                                                                                                                                                                                            | Variable                                                                                                                                                        |       |          | For air-to-water heat pumps: Rated air flow rate, outdoors                                                                                   | —                                    | 3028  | m³/h  |
| Sound power level, indoors/ outdoors                                                                                                                                                                                                                                                                                                                                                                                        | L <sub>WA</sub>                                                                                                                                                 | -/59  | dB(A)    | For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger                                             | N/A                                  | 1.376 | m³/h  |
| Annual energy consumption                                                                                                                                                                                                                                                                                                                                                                                                   | Q <sub>HE</sub>                                                                                                                                                 | 1579  | kWhor GJ |                                                                                                                                              |                                      |       |       |
| For heat pump combination heater: N/A                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Declared load profile                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                                               |       |          | Water heating energy efficiency                                                                                                              | η <sub>wh</sub>                      | -     | %     |
| Daily electricity consumption                                                                                                                                                                                                                                                                                                                                                                                               | Q <sub>elec</sub>                                                                                                                                               | -     | kWh      | Daily fuel consumption                                                                                                                       | Q <sub>fuel</sub>                    | -     | kWh   |
| Annual electricity consumption                                                                                                                                                                                                                                                                                                                                                                                              | AEC                                                                                                                                                             | -     | kWh      | Annual fuel consumption                                                                                                                      | AFC                                  | -     | GJ    |
| Contact details                                                                                                                                                                                                                                                                                                                                                                                                             | Qingdao Haier Air Conditioner Electric Co., Ltd.<br>Haier industrial Park, No.236, Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555, China |       |          |                                                                                                                                              |                                      |       |       |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0,9. |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |

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| Model(s): [information identifying the model(s) to which the information relates]                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | AW082MUGHA                                                                                                                                   |                                      |       |       |
| Air-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |       |          | Yes                                                                                                                                          |                                      |       |       |
| Water-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Brine-to-water heat pump:                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Low-temperature heat pump:                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Equipped with a supplementary heater:                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Heat pump combination heater:                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 |       |          | No                                                                                                                                           |                                      |       |       |
| Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.                                                                                                                                                                                                                      |                                                                                                                                                                 |       |          | Medium-temperature application                                                                                                               |                                      |       |       |
| Parameters shall be declared for average, colder and warmer climate conditions.                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                 |       |          | Warm climate conditions                                                                                                                      |                                      |       |       |
| Item                                                                                                                                                                                                                                                                                                                                                                                                                        | symbol                                                                                                                                                          | Value | Unit     | Item                                                                                                                                         | symbol                               | Value | Unit  |
| Rated heat output (*)                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>rated</sub>                                                                                                                                              | 6     | kW       | Seasonal space heating energy efficiency                                                                                                     | η <sub>s</sub>                       | 185   | %     |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |       |          | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub> |                                      |       |       |
| T <sub>j</sub> = − 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | /     | kW       | T <sub>j</sub> = − 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | /     | – or% |
| T <sub>j</sub> = + 2 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 6.97  | kW       | T <sub>j</sub> = + 2 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 2.83  | – or% |
| T <sub>j</sub> = + 7 °C                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>dh</sub>                                                                                                                                                 | 4.42  | kW       | T <sub>j</sub> = + 7 °C                                                                                                                      | COP <sub>d</sub> or PER <sub>d</sub> | 4.24  | – or% |
| T <sub>j</sub> = + 12 °C                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | 4.72  | kW       | T <sub>j</sub> = + 12 °C                                                                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | 6.68  | – or% |
| T <sub>j</sub> = bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>dh</sub>                                                                                                                                                 | 6.97  | kW       | T <sub>j</sub> = bivalent temperature                                                                                                        | COP <sub>d</sub> or PER <sub>d</sub> | 2.83  | – or% |
| T <sub>j</sub> = operation limit temperature                                                                                                                                                                                                                                                                                                                                                                                | P <sub>dh</sub>                                                                                                                                                 | 6.97  | kW       | T <sub>j</sub> = operation limit temperature                                                                                                 | COP <sub>d</sub> or PER <sub>d</sub> | 2.83  | – or% |
| For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                                                                                                                                                                                                                                                                                                    | P <sub>dh</sub>                                                                                                                                                 | N/A   | kW       | For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)                                                                     | COP <sub>d</sub> or PER <sub>d</sub> | N/A   | – or% |
| Bivalent temperature                                                                                                                                                                                                                                                                                                                                                                                                        | T <sub>biv</sub>                                                                                                                                                | 2     | °C       | For air-to-water heat pumps: Operation limit temperature                                                                                     | TOL                                  | -25   | °C    |
| Cycling interval capacity for heating                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>cych</sub>                                                                                                                                               | N/A   | kW       | Cycling interval efficiency                                                                                                                  | COP <sub>d</sub> or PER <sub>d</sub> | 0.9   | – or% |
| Degradation co- efficient (**)                                                                                                                                                                                                                                                                                                                                                                                              | C <sub>dh</sub>                                                                                                                                                 | 0.9   | —        | Heating water operating limit temperature                                                                                                    | WTOL                                 | 80    | °C    |
| Power consumption in modes other than active mode                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 |       |          | Supplementary heater: N/A                                                                                                                    |                                      |       |       |
| Off mode                                                                                                                                                                                                                                                                                                                                                                                                                    | P <sub>OFF</sub>                                                                                                                                                | 0.018 | kW       | Rated heat output (*)                                                                                                                        | P <sub>sup</sub>                     | -     | kW    |
| Thermostat-off mode                                                                                                                                                                                                                                                                                                                                                                                                         | P <sub>TO</sub>                                                                                                                                                 | 0.018 | kW       | Type of energy input                                                                                                                         | -                                    |       |       |
| Standby mode                                                                                                                                                                                                                                                                                                                                                                                                                | P <sub>SB</sub>                                                                                                                                                 | 0.018 | kW       |                                                                                                                                              |                                      |       |       |
| Crankcase heater mode                                                                                                                                                                                                                                                                                                                                                                                                       | P <sub>CK</sub>                                                                                                                                                 | 0     | kW       |                                                                                                                                              |                                      |       |       |
| Other items                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Capacity control                                                                                                                                                                                                                                                                                                                                                                                                            | Variable                                                                                                                                                        |       |          | For air-to-water heat pumps: Rated air flow rate, outdoors                                                                                   | —                                    | 3429  | m³/h  |
| Sound power level, indoors/ outdoors                                                                                                                                                                                                                                                                                                                                                                                        | L <sub>WA</sub>                                                                                                                                                 | -/64  | dB(A)    | For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger                                             | N/A                                  | 0.860 | m³/h  |
| Annual energy consumption                                                                                                                                                                                                                                                                                                                                                                                                   | Q <sub>HE</sub>                                                                                                                                                 | 1675  | kWhor GJ |                                                                                                                                              |                                      |       |       |
| For heat pump combination heater: N/A                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |
| Declared load profile                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                                               |       |          | Water heating energy efficiency                                                                                                              | η <sub>wh</sub>                      | -     | %     |
| Daily electricity consumption                                                                                                                                                                                                                                                                                                                                                                                               | Q <sub>elec</sub>                                                                                                                                               | -     | kWh      | Daily fuel consumption                                                                                                                       | Q <sub>fuel</sub>                    | -     | kWh   |
| Annual electricity consumption                                                                                                                                                                                                                                                                                                                                                                                              | AEC                                                                                                                                                             | -     | kWh      | Annual fuel consumption                                                                                                                      | AFC                                  | -     | GJ    |
| Contact details                                                                                                                                                                                                                                                                                                                                                                                                             | Qingdao Haier Air Conditioner Electric Co., Ltd.<br>Haier industrial Park, No.236, Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555, China |       |          |                                                                                                                                              |                                      |       |       |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0.9. |                                                                                                                                                                 |       |          |                                                                                                                                              |                                      |       |       |