

Cooling mode:

| Information requirements for air-to-air conditioners   |                      |       |                                 |   |   |                  |       |                   |
|--|----------------------|-------|---------------------------------|---|---|------------------|-------|-------------------|
| Model(s):MV6-i850WV2GN1-E;<br>Test matching indoor units form 1, Duct: 8×MI2-106T1DN1-S; test matching indoor units form 2, non-duct: 4×MI2-100Q4DN1-G+4×MI2-112Q4DN1-G;   |                      |       |                                 |   |   |                  |       |                   |
| Outdoor side heat exchanger of air conditioner:air   |                      |       |                                 |   |   |                  |       |                   |
| Indoor side heat exchanger of air conditioner:air  |                      |       |                                 |   |   |                  |       |                   |
| Type:compressor driven   |                      |       |                                 |   |   |                  |       |                   |
| If applicable:driver of compressor:electric motor  |                      |       |                                 |   |   |                  |       |                   |
| Item   | Symbol               | Value | Unit                            |   | Item  | Symbol           | Value | Unit              |
| Rated cooling capacity   | P <sub>rated,c</sub> | 85    | kW                              |   | Seasonal space cooling energy efficiency                      | η <sub>s,c</sub> | 181.8 | %                 |
| Declared cooling capacity for part load at given outdoor temperatures T <sub>j</sub> and indoor 27/19°C (dry/wet bulb)   |                      |       |                                 | Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T <sub>j</sub> |   |                  |       |                   |
| T <sub>j</sub> =+35°C  | P <sub>dc</sub>      | 85    | kW                              |   | T <sub>j</sub> =+35°C   | EER <sub>d</sub> | 1.90  | --                |
| T <sub>j</sub> =+30°C  | P <sub>dc</sub>      | 56.76 | kW                              |   | T <sub>j</sub> =+30°C   | EER <sub>d</sub> | 3.48  | --                |
| T <sub>j</sub> =+25°C  | P <sub>dc</sub>      | 36.41 | kW                              |   | T <sub>j</sub> =+25°C   | EER <sub>d</sub> | 5.42  | --                |
| T <sub>j</sub> =+20°C  | P <sub>dc</sub>      | 16.4  | kW                              |   | T <sub>j</sub> =+20°C   | EER <sub>d</sub> | 8.95  | --                |
| Degradation co-efficient for air conditioners(*)   |                      |       |                                 |   |   |                  |       |                   |
|  | C <sub>dc</sub>      | 0.25  | —                               |   |   |                  |       |                   |
| Power consumption in modes other than "active mode"  |                      |       |                                 |   |   |                  |       |                   |
| Off mode   | P <sub>OFF</sub>     | 0.085 | kW                              |   | Crankcase heater mode   | P <sub>CK</sub>  | 0.085 | kW                |
| Thermostat-off mode  | P <sub>TO</sub>      | 0     | kW                              |   | Standby mode  | P <sub>SB</sub>  | 0.085 | kW                |
| Other items  |                      |       |                                 |   |   |                  |       |                   |
| Capacity control   | variable             |       |                                 |   | For air-to-air air conditioner:air flow rate,outdoor measured | —                | 24000 | m <sup>3</sup> /h |
| Sound power level,outdoor  | L <sub>WA</sub>      | 90    | dB                              |   |   |                  |       |                   |
| GWP of the refrigerant   |                      | 2088  | kg CO <sub>2</sub> eq(100years) |   |   |                  |       |                   |
| Contact details  |                      |       |                                 |   |   |                  |       |                   |
| (*)If C <sub>dc</sub> is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25  |                      |       |                                 |   |   |                  |       |                   |
| Where information relates to multi-split air conditioners,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer |                      |       |                                 |   |   |                  |       |                   |

Heating mode:

| Information requirements for heat pumps  |                      |       |                                 |  |   |                  |       |                   |
|--|----------------------|-------|---------------------------------|--|---|------------------|-------|-------------------|
| Model(s):MV6-i850WV2GN1-E;<br>Test matching indoor units form 1, Duct: 8×MI2-106T1DN1-S; test matching indoor units form 2, non-duct: 4×MI2-100Q4DN1-G+4×MI2-112Q4DN1-G;   |                      |       |                                 |  |   |                  |       |                   |
| Outdoor side heat exchanger of air conditioner:air   |                      |       |                                 |  |   |                  |       |                   |
| Indoor side heat exchanger of air conditioner:air  |                      |       |                                 |  |   |                  |       |                   |
| Indication if the heater is equipped with a supplementary heater:no  |                      |       |                                 |  |   |                  |       |                   |
| If applicable:driver of compressor:electric motor  |                      |       |                                 |  |   |                  |       |                   |
| Parameters shall be declared for the average heating season,parameters for the warmer and colder heating seasons are optional  |                      |       |                                 |  |   |                  |       |                   |
| Item   | Symbol               | Value | Unit                            |  | Item  | Symbol           | Value | Unit              |
| Rated heating capacity   | P <sub>rated,h</sub> | 85    | kW                              |  | Seasonal space heating energy efficiency                | η <sub>s,h</sub> | 133.4 | %                 |
| Declared heating capacity for part load at indoor temperature 20°C and outdoor temperatures T <sub>j</sub>   |                      |       |                                 | Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T <sub>j</sub> |   |                  |       |                   |
| T <sub>j</sub> =-7°C   | P <sub>dh</sub>      | 39.85 | kW                              |  | T <sub>j</sub> =-7°C                                    | COP <sub>d</sub> | 2.32  | --                |
| T <sub>j</sub> =+2°C   | P <sub>dh</sub>      | 24.62 | kW                              |  | T <sub>j</sub> =+2°C                                    | COP <sub>d</sub> | 3.10  | --                |
| T <sub>j</sub> =+7°C   | P <sub>dh</sub>      | 16.84 | kW                              |  | T <sub>j</sub> =+7°C                                    | COP <sub>d</sub> | 5.00  | --                |
| T <sub>j</sub> =+12°C  | P <sub>dh</sub>      | 13.01 | kW                              |  | T <sub>j</sub> =+12°C                                   | COP <sub>d</sub> | 5.46  | --                |
| T <sub>biv</sub> =bivalent temperature   | P <sub>dh</sub>      | 45.19 | kW                              |  | T <sub>biv</sub> =bivalent temperature                  | COP <sub>d</sub> | 1.85  | --                |
| T <sub>OL</sub> =operation temperature   | P <sub>dh</sub>      | 45.19 | kW                              |  | T <sub>OL</sub> =operation temperature                  | COP <sub>d</sub> | 1.85  | --                |
| Bivalent temperature   | T <sub>biv</sub>     | -10   | °C                              |  |   |                  |       |                   |
| Degradation co-efficient for heat pumps(**)  |                      |       |                                 |  |   |                  |       |                   |
|  | C <sub>dh</sub>      | 0.25  | —                               |  |   |                  |       |                   |
| Power consumption in modes other than "active mode"  |                      |       |                                 | Supplementary heater   |   |                  |       |                   |
| Off mode   | P <sub>OFF</sub>     | 0.085 | kW                              |  | Back-up heating capacity(*)                             | elbu             | 0     | kW                |
| Thermostat-off mode  | P <sub>TO</sub>      | 0.085 | kW                              |  | Type of energy input                                    |                  |       |                   |
| Crankcase heater mode  | P <sub>CK</sub>      | 0.085 | kW                              |  | Standby mode  | P <sub>SB</sub>  | 0.085 | kW                |
| Other items  |                      |       |                                 |  |   |                  |       |                   |
| Capacity control   | variable             |       |                                 |  | For air-to-air heat pump:air flow rate,outdoor measured | —                | 24000 | m <sup>3</sup> /h |
| Sound power level,outdoor  | L <sub>WA</sub>      | 90    | dB                              |  |   |                  |       |                   |
| GWP of the refrigerant   |                      | 2088  | kg CO <sub>2</sub> eq(100years) |  |   |                  |       |                   |
| Contact details  |                      |       |                                 |  |   |                  |       |                   |
| (*)  |                      |       |                                 |  |   |                  |       |                   |
| (**)If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25   |                      |       |                                 |  |   |                  |       |                   |
| Where information relates to multi-split heat pumps,the test result and performance data may be obtained on the basis of performance of the outdoor unit ,with a combination of indoor unit(s) recommended by the manufacturer or importer |                      |       |                                 |  |   |                  |       |                   |

