

| Information requirements for air-to-air conditioners   |               |       |                                 |  |  |              |       |                       |
|--|---------------|-------|---------------------------------|--|--|--------------|-------|-----------------------|
| Model(s):MV6-i730WV2GN1-E;<br>Test matching indoor units form, Duct: 8×MI-90T1;  |               |       |                                 |  |  |              |       |                       |
| 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   | $P_{rated,c}$ | 73    | kW                              |  | Seasonal space cooling energy efficiency   | $\eta_{s,c}$ | 201   | %                     |
| Declared cooling capacity for part load at given outdoor temperatures $T_j$ 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 $T_j$ |              |       |                       |
| $T_j=+35^\circ\text{C}$  | $P_{dc}$      | 73    | kW                              |  | $T_j=+35^\circ\text{C}$  | $EER_d$      | 2.25  | --                    |
| $T_j=+30^\circ\text{C}$  | $P_{dc}$      | 48.88 | kW                              |  | $T_j=+30^\circ\text{C}$  | $EER_d$      | 4.21  | --                    |
| $T_j=+25^\circ\text{C}$  | $P_{dc}$      | 32.9  | kW                              |  | $T_j=+25^\circ\text{C}$  | $EER_d$      | 5.68  | --                    |
| $T_j=+20^\circ\text{C}$  | $P_{dc}$      | 14.13 | kW                              |  | $T_j=+20^\circ\text{C}$  | $EER_d$      | 9.30  | --                    |
| Degradation co-efficient for air conditioners(*)   |               |       |                                 |  |  |              |       |                       |
|  | $C_{dc}$      | 0.25  | --                              |  |  |              |       |                       |
| Power consumption in modes other than "active mode"  |               |       |                                 |  |  |              |       |                       |
| Off mode   | $P_{OFF}$     | 0.085 | kW                              |  | Crankcase heater mode  | $P_{CK}$     | 0.085 | kW                    |
| Thermosat-off mode   | $P_{TO}$      | 0     | kW                              |  | Standby mode   | $P_{SB}$     | 0.085 | kW                    |
| Other items  |               |       |                                 |  |  |              |       |                       |
| Capacity control   | variable      |       |                                 |  | For air-to-air air conditioner:air flow rate,outdoor measured  | --           | 24500 | $\text{m}^3/\text{h}$ |
| Sound power level,outdoor  | $L_{WA}$      | 90    | dB                              |  |  |              |       |                       |
| GWP of the refrigerant   |               | 2088  | kg CO <sub>2</sub> eq(100years) |  |  |              |       |                       |
| Contact details  |               |       |                                 |  |  |              |       |                       |
| (*)If $C_{dc}$ 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 |               |       |                                 |  |  |              |       |                       |

| Information requirements for heat pumps  |               |       |                                 |  |   |              |       |                   |
|--|---------------|-------|---------------------------------|--|---|--------------|-------|-------------------|
| Model(s):MV6-i730WV2GN1-E;<br>Test matching indoor units form, Duct: 8×MI-90T1;  |               |       |                                 |  |   |              |       |                   |
| 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   | $P_{rated,h}$ | 73    | kW                              |  | Seasonal space heating energy efficiency  | $\eta_{s,h}$ | 133.0 | %                 |
| Declared heating capacity for part load at indoor temperature 20°C and outdoor temperatures $T_j$  |               |       |                                 |  | Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures $T_j$ |              |       |                   |
| $T_j=-7^\circ\text{C}$   | $P_{dh}$      | 40.63 | kW                              |  | $T_j=-7^\circ\text{C}$  | $COP_d$      | 2.31  | --                |
| $T_j=+2^\circ\text{C}$   | $P_{dh}$      | 25.21 | kW                              |  | $T_j=+2^\circ\text{C}$  | $COP_d$      | 3.14  | --                |
| $T_j=+7^\circ\text{C}$   | $P_{dh}$      | 16.21 | kW                              |  | $T_j=+7^\circ\text{C}$  | $COP_d$      | 4.83  | --                |
| $T_j=+12^\circ\text{C}$  | $P_{dh}$      | 9.21  | kW                              |  | $T_j=+12^\circ\text{C}$   | $COP_d$      | 5.05  | --                |
| $T_{biv}$ =bivalent temperature  | $P_{dh}$      | 43.25 | kW                              |  | $T_{biv}$ =bivalent temperature   | $COP_d$      | 1.90  | --                |
| $T_{OL}$ =operation temperature  | $P_{dh}$      | 43.25 | kW                              |  | $T_{OL}$ =operation temperature   | $COP_d$      | 1.90  | --                |
| Bivalent temperature   | $T_{biv}$     | -10   | °C                              |  |   |              |       |                   |
|  |               |       |                                 |  |   |              |       |                   |
| Degradation co-efficient for heat pumps(**)  | $C_{dh}$      | 0.25  | —                               |  |   |              |       |                   |
| Power consumption in modes other than "active mode"  |               |       |                                 |  | Supplementary heater  |              |       |                   |
| Off mode   | $P_{OFF}$     | 0.085 | kW                              |  | Back-up heating capacity(*)   | elbu         | 0     | kW                |
| Thermosat-off mode   | $P_{TO}$      | 0.085 | kW                              |  | Type of energy input  |              |       |                   |
| Crankcase heater mode  | $P_{CK}$      | 0.085 | kW                              |  | Standby mode  | $P_{SB}$     | 0.085 | kW                |
| Other items  |               |       |                                 |  |   |              |       |                   |
| Capacity control   | variable      |       |                                 |  | For air-to-air heat pump:air flow rate,outdoor measured   | —            | 24500 | m <sup>3</sup> /h |
| Sound power level,outdoor  | $L_{WA}$      | 90    | dB                              |  |   |              |       |                   |
| GWP of the refrigerant   |               | 2088  | kg CO <sub>2</sub> eq(100years) |  |   |              |       |                   |
| Contact details  |               |       |                                 |  |   |              |       |                   |
| (*)  |               |       |                                 |  |   |              |       |                   |
| (**)If $C_{dh}$ 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 |               |       |                                 |  |   |              |       |                   |