

RC Technical Documentation
FR-FC-G05-Z_1502_6002_201902_EN

REGULATION (EU) N. 2016/2281 FOR HIGH TEMPERATURE PROCESS CHILLERS

Ecodesign requirements for process chillers

AIR COOLED CHILLERS - FREECOOLING

FR-FC-G05-Z 1502 - 6002

Cooling Capacity Range 288 - 1240 [kW] - (EN14511 VALUE)
Nominal Cooling Capacity at TdesignC Range 288 - 1240 [kW]

EN



| | |
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1. REGULATION (EU) N. 2016/2281 FOR HIGH TEMPERATURE PROCESS CHILLERS

1.1 Scope of the document

This document is compliant with the Commission Regulation (EU) N. 2016/2281 regarding "REQUIREMENTS FOR PRODUCT INFORMATION" (Annex II, Point 5). In particular, it deals with high temperature process chillers and contains information required by Table 15 of the above-mentioned regulation, which is entitled "Information requirements for high temperature process chillers".

1.2 REGULATION (UE) N. 2016/2281 description

The COMMISSION REGULATION (EU) N. 2016/2281 of 30 November 2016, implementing Directive 2009/125/EC of the European Parliament and of the Council, establishes eco-design requirements for the placing on the market and/or putting into service of: air heating products with a rated heating capacity which does not exceed 1MW, cooling products and high temperature process chillers with a rated cooling capacity which do not exceed 2 MW, and all fan coil units. All these energy-related products are defined in Article 2 of the Regulation in question.

1.3 Description of the data declared by Mitsubishi Electric Hydronics & IT Cooling Systems

- High temperature process chiller: a product designed to cool down and continuously maintain the temperature of a liquid to provide cooling to a refrigerated appliance or system, whose aim is not to provide cooling for the thermal comfort of human beings. It is capable of delivering its rated refrigeration capacity at an indoor side heat exchanger outlet temperature of 7°C, at standard rating conditions.
- Rated refrigeration capacity (P): the refrigeration capacity that the high temperature process chiller is able to reach when operating at full load at a specific rating point, expressed in kW.
- Seasonal Energy Performance Ratio (SEPR): the efficiency ratio of a high temperature process chiller at standard rating conditions, representative of the variations in load and ambient temperature throughout the year, and calculated as the ratio between the annual refrigeration demand and the annual electricity consumption.
- Annual electricity consumption: result of the sum of the ratios between each bin-specific cooling demand and the corresponding bin-specific energy efficiency ratio, multiplied by the corresponding number of bin hours.
- Degradation coefficient for chillers: measure of efficiency loss due to cycling of the chiller.
- Capacity control: the ability of a chiller to change its cooling capacity by changing the volumetric flow rate of at least one of the fluids needed to operate the refrigeration cycle.
- Global warming potential (GWP) of the refrigerant: the 100-year climatic warming potential of one kilogram of a greenhouse gas relative to one kilogram of dioxide (CO₂).

2. RC CONTENTS UNIT

2.1 Table index

AIR COOLED CHILLERS - FREECOOLING

FR-FC-G05-Z 1502 - 6002

Cooling Capacity Range 288 - 1240 [kW]

Nominal Cooling Capacity at TdesignC Range 288 - 1240 [kW]

| Units | Version | Size | | | | | Pag. |
|-------------|---------|------|------|------|------|------|------|
| FR-FC-G05-Z | SL-T+ | 1502 | 1502 | 1702 | 1702 | 1902 | 5 |
| | | 1902 | 2002 | 2002 | 2202 | 2202 | |
| | | 2602 | 2602 | 2702 | 2702 | 3002 | |
| | | 3002 | 3202 | 3202 | 3402 | 3402 | |
| | | 3602 | 3602 | 3902 | 3902 | 4202 | |
| | | 4202 | 4502 | 4502 | 4802 | 4802 | |
| | | 5402 | 5402 | | | | |
| FR-FC-G05-Z | T+ | 1502 | 1502 | 1702 | 1702 | 1902 | 37 |
| | | 1902 | 2002 | 2002 | 2202 | 2202 | |
| | | 2602 | 2602 | 2702 | 2702 | 3002 | |
| | | 3002 | 3202 | 3202 | 3402 | 3402 | |
| | | 3602 | 3602 | 3902 | 3902 | 4202 | |
| | | 4202 | 4502 | 4502 | 4802 | 4802 | |
| | | 5402 | 5402 | 6002 | 6002 | | |

| FR-FC-G05-Z /NG /SL-T+ /1502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,47 |
| Annual electricity consumption | Q | [kWh] | 386181 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 288,10 |
| Rated power input | D _A | [kW] | 99,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,90 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 268,89 |
| Rated power input | D _B | [kW] | 68,40 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,93 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 249,69 |
| Rated power input | D _C | [kW] | 50,70 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,93 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 230,48 |
| Rated power input | D _D | [kW] | 31,94 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,22 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /1502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,85 |
| Annual electricity consumption | Q | [kWh] | 361415 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 288,86 |
| Rated power input | D _A | [kW] | 98,60 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,93 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 269,64 |
| Rated power input | D _B | [kW] | 67,90 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,97 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 250,38 |
| Rated power input | D _C | [kW] | 50,20 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,99 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 231,12 |
| Rated power input | D _D | [kW] | 27,26 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,48 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /1702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,27 |
| Annual electricity consumption | Q | [kWh] | 452509 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 325,70 |
| Rated power input | D _A | [kW] | 110,00 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,96 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 303,99 |
| Rated power input | D _B | [kW] | 79,51 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,82 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 282,27 |
| Rated power input | D _C | [kW] | 59,61 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,74 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 260,56 |
| Rated power input | D _D | [kW] | 37,54 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,94 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /1702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,71 |
| Annual electricity consumption | Q | [kWh] | 419365 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 326,70 |
| Rated power input | D _A | [kW] | 109,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,99 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 304,92 |
| Rated power input | D _B | [kW] | 78,91 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,86 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 283,14 |
| Rated power input | D _C | [kW] | 59,01 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,80 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 261,36 |
| Rated power input | D _D | [kW] | 31,25 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,37 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /1902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,59 |
| Annual electricity consumption | Q | [kWh] | 488163 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 372,10 |
| Rated power input | D _A | [kW] | 128,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,90 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 347,29 |
| Rated power input | D _B | [kW] | 86,61 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,01 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 322,49 |
| Rated power input | D _C | [kW] | 62,61 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,15 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 297,68 |
| Rated power input | D _D | [kW] | 41,26 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,21 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /SL-T+ /1902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 6,08 |
| Annual electricity consumption | Q | [kWh] | 450113 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 373,10 |
| Rated power input | D _A | [kW] | 127,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,93 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 348,23 |
| Rated power input | D _B | [kW] | 86,01 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,05 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 323,35 |
| Rated power input | D _C | [kW] | 62,01 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,22 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 298,48 |
| Rated power input | D _D | [kW] | 33,89 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,81 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /2002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,62 |
| Annual electricity consumption | Q | [kWh] | 542218 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 415,70 |
| Rated power input | D _A | [kW] | 144,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,87 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 387,99 |
| Rated power input | D _B | [kW] | 96,77 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,01 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 360,27 |
| Rated power input | D _C | [kW] | 69,87 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,16 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 332,56 |
| Rated power input | D _D | [kW] | 45,46 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,32 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /SL-T+ /2002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 6,12 |
| Annual electricity consumption | Q | [kWh] | 499888 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 416,87 |
| Rated power input | D _A | [kW] | 143,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,90 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 389,11 |
| Rated power input | D _B | [kW] | 96,07 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,05 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 361,31 |
| Rated power input | D _C | [kW] | 69,17 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,22 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 333,52 |
| Rated power input | D _D | [kW] | 37,30 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,94 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /2202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,50 |
| Annual electricity consumption | Q | [kWh] | 608852 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 456,00 |
| Rated power input | D _A | [kW] | 158,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,88 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 425,60 |
| Rated power input | D _B | [kW] | 108,57 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,92 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 395,20 |
| Rated power input | D _C | [kW] | 77,77 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,08 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 364,80 |
| Rated power input | D _D | [kW] | 51,57 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,07 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /2202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 6,07 |
| Annual electricity consumption | Q | [kWh] | 552933 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 457,50 |
| Rated power input | D _A | [kW] | 156,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,92 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 427,00 |
| Rated power input | D _B | [kW] | 107,57 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,97 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 396,50 |
| Rated power input | D _C | [kW] | 76,77 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,16 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 366,00 |
| Rated power input | D _D | [kW] | 40,87 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,96 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /2602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,50 |
| Annual electricity consumption | Q | [kWh] | 728887 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 545,58 |
| Rated power input | D _A | [kW] | 186,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,93 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 509,23 |
| Rated power input | D _B | [kW] | 124,36 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,09 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 472,85 |
| Rated power input | D _C | [kW] | 89,06 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,31 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 436,48 |
| Rated power input | D _D | [kW] | 65,89 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,62 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /2602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 6,08 |
| Annual electricity consumption | Q | [kWh] | 660270 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 547,19 |
| Rated power input | D _A | [kW] | 184,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,97 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 510,72 |
| Rated power input | D _B | [kW] | 123,36 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,14 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 474,24 |
| Rated power input | D _C | [kW] | 88,16 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,38 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 437,76 |
| Rated power input | D _D | [kW] | 52,04 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,41 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /2702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,50 |
| Annual electricity consumption | Q | [kWh] | 778147 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 573,90 |
| Rated power input | D _A | [kW] | 205,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,79 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 535,64 |
| Rated power input | D _B | [kW] | 136,46 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,92 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 497,38 |
| Rated power input | D _C | [kW] | 98,56 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,05 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 459,12 |
| Rated power input | D _D | [kW] | 66,94 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,86 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /2702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 6,00 |
| Annual electricity consumption | Q | [kWh] | 704359 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 575,50 |
| Rated power input | D _A | [kW] | 204,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,81 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 537,13 |
| Rated power input | D _B | [kW] | 135,66 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,96 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 498,77 |
| Rated power input | D _C | [kW] | 97,66 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,11 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 460,40 |
| Rated power input | D _D | [kW] | 52,36 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,79 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /3002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,50 |
| Annual electricity consumption | Q | [kWh] | 834203 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 623,18 |
| Rated power input | D _A | [kW] | 214,90 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,90 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 581,65 |
| Rated power input | D _B | [kW] | 144,49 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,03 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 540,11 |
| Rated power input | D _C | [kW] | 105,79 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,11 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 498,56 |
| Rated power input | D _D | [kW] | 72,18 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,91 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /3002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 6,07 |
| Annual electricity consumption | Q | [kWh] | 755605 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 625,16 |
| Rated power input | D _A | [kW] | 212,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,94 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 583,52 |
| Rated power input | D _B | [kW] | 143,09 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,08 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 541,84 |
| Rated power input | D _C | [kW] | 104,39 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,19 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 500,16 |
| Rated power input | D _D | [kW] | 56,99 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,78 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /SL-T+ /3202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,51 |
| Annual electricity consumption | Q | [kWh] | 867631 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 651,40 |
| Rated power input | D _A | [kW] | 234,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,78 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 607,97 |
| Rated power input | D _B | [kW] | 153,89 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,95 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 564,55 |
| Rated power input | D _C | [kW] | 110,79 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,10 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 521,12 |
| Rated power input | D _D | [kW] | 73,56 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,08 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /3202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 6,10 |
| Annual electricity consumption | Q | [kWh] | 786847 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 653,70 |
| Rated power input | D _A | [kW] | 231,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,82 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 610,12 |
| Rated power input | D _B | [kW] | 152,29 |
| Declared energy efficiency ratio | EER _{DC,B} | | 4,01 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 566,54 |
| Rated power input | D _C | [kW] | 109,19 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,19 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 522,96 |
| Rated power input | D _D | [kW] | 58,23 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,98 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /3402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,33 |
| Annual electricity consumption | Q | [kWh] | 947831 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 688,10 |
| Rated power input | D _A | [kW] | 257,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,67 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 642,23 |
| Rated power input | D _B | [kW] | 166,50 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,86 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 596,35 |
| Rated power input | D _C | [kW] | 117,20 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,09 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 550,48 |
| Rated power input | D _D | [kW] | 83,36 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,60 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /3402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,90 |
| Annual electricity consumption | Q | [kWh] | 857089 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 689,65 |
| Rated power input | D _A | [kW] | 255,40 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,70 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 643,72 |
| Rated power input | D _B | [kW] | 166,00 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,88 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 597,74 |
| Rated power input | D _C | [kW] | 116,50 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,13 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 551,76 |
| Rated power input | D _D | [kW] | 64,81 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,51 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /3602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,39 |
| Annual electricity consumption | Q | [kWh] | 1043336 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 766,80 |
| Rated power input | D _A | [kW] | 271,90 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,82 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 715,68 |
| Rated power input | D _B | [kW] | 182,20 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,93 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 664,56 |
| Rated power input | D _C | [kW] | 129,90 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,12 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 613,44 |
| Rated power input | D _D | [kW] | 91,54 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,70 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /3602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,96 |
| Annual electricity consumption | Q | [kWh] | 946455 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 769,00 |
| Rated power input | D _A | [kW] | 269,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,85 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 717,73 |
| Rated power input | D _B | [kW] | 181,40 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,96 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 666,47 |
| Rated power input | D _C | [kW] | 128,60 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,18 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 615,20 |
| Rated power input | D _D | [kW] | 72,18 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,52 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /SL-T+ /3902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,28 |
| Annual electricity consumption | Q | [kWh] | 1135965 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 817,50 |
| Rated power input | D _A | [kW] | 294,10 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,78 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 763,00 |
| Rated power input | D _B | [kW] | 197,10 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,87 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 708,50 |
| Rated power input | D _C | [kW] | 142,10 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,99 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 654,00 |
| Rated power input | D _D | [kW] | 99,53 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,57 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /3902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,80 |
| Annual electricity consumption | Q | [kWh] | 1037570 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 820,10 |
| Rated power input | D _A | [kW] | 291,90 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,81 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 765,43 |
| Rated power input | D _B | [kW] | 195,90 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,91 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 710,75 |
| Rated power input | D _C | [kW] | 140,50 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,06 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 656,08 |
| Rated power input | D _D | [kW] | 80,10 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,19 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /SL-T+ /4202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,07 |
| Annual electricity consumption | Q | [kWh] | 1237687 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 856,20 |
| Rated power input | D _A | [kW] | 313,60 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,73 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 799,12 |
| Rated power input | D _B | [kW] | 211,40 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,78 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 742,04 |
| Rated power input | D _C | [kW] | 153,40 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,84 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 684,96 |
| Rated power input | D _D | [kW] | 110,32 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,21 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /4202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,64 |
| Annual electricity consumption | Q | [kWh] | 1117754 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 859,25 |
| Rated power input | D _A | [kW] | 311,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,76 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 802,01 |
| Rated power input | D _B | [kW] | 209,80 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,82 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 744,73 |
| Rated power input | D _C | [kW] | 151,40 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,92 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 687,44 |
| Rated power input | D _D | [kW] | 86,57 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,94 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /SL-T+ /4502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,37 |
| Annual electricity consumption | Q | [kWh] | 1311407 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 959,70 |
| Rated power input | D _A | [kW] | 333,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,88 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 895,72 |
| Rated power input | D _B | [kW] | 226,71 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,95 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 831,74 |
| Rated power input | D _C | [kW] | 166,01 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,01 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 767,76 |
| Rated power input | D _D | [kW] | 113,84 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,74 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /SL-T+ /4502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,99 |
| Annual electricity consumption | Q | [kWh] | 1179863 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 962,69 |
| Rated power input | D _A | [kW] | 329,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,92 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 898,52 |
| Rated power input | D _B | [kW] | 225,21 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,99 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 834,34 |
| Rated power input | D _C | [kW] | 164,21 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,08 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 770,16 |
| Rated power input | D _D | [kW] | 87,95 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,76 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /SL-T+ /4802 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,31 |
| Annual electricity consumption | Q | [kWh] | 1380856 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 999,20 |
| Rated power input | D _A | [kW] | 364,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,74 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 932,59 |
| Rated power input | D _B | [kW] | 242,51 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,85 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 865,97 |
| Rated power input | D _C | [kW] | 175,51 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,93 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 799,36 |
| Rated power input | D _D | [kW] | 118,33 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,76 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /SL-T+ /4802 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,90 |
| Annual electricity consumption | Q | [kWh] | 1248017 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1002,54 |
| Rated power input | D _A | [kW] | 360,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,78 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 936,13 |
| Rated power input | D _B | [kW] | 240,81 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,89 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 869,27 |
| Rated power input | D _C | [kW] | 173,51 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,01 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 802,40 |
| Rated power input | D _D | [kW] | 92,43 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,68 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /SL-T+ /5402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,29 |
| Annual electricity consumption | Q | [kWh] | 1566010 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1128,82 |
| Rated power input | D _A | [kW] | 419,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,69 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 1053,73 |
| Rated power input | D _B | [kW] | 274,86 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,83 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 978,47 |
| Rated power input | D _C | [kW] | 197,06 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,97 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 903,20 |
| Rated power input | D _D | [kW] | 135,49 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,67 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /SL-T+ /5402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,91 |
| Annual electricity consumption | Q | [kWh] | 1407582 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1133,00 |
| Rated power input | D _A | [kW] | 413,50 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,74 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 1057,47 |
| Rated power input | D _B | [kW] | 271,66 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,89 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 981,93 |
| Rated power input | D _C | [kW] | 193,76 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,07 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 906,40 |
| Rated power input | D _D | [kW] | 105,24 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,61 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /T+ /1502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,41 |
| Annual electricity consumption | Q | [kWh] | 395906 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 291,99 |
| Rated power input | D _A | [kW] | 98,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,97 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 272,53 |
| Rated power input | D _B | [kW] | 69,80 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,90 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 253,07 |
| Rated power input | D _C | [kW] | 52,40 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,83 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 233,60 |
| Rated power input | D _D | [kW] | 32,59 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,17 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /T+ /1502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,79 |
| Annual electricity consumption | Q | [kWh] | 371193 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 292,70 |
| Rated power input | D _A | [kW] | 97,60 |
| Rated energy efficiency ratio | EER _{DC,A} | | 3,00 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 273,19 |
| Rated power input | D _B | [kW] | 69,40 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,94 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 253,67 |
| Rated power input | D _C | [kW] | 52,10 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,87 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 234,16 |
| Rated power input | D _D | [kW] | 27,83 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,42 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /T+ /1702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,00 |
| Annual electricity consumption | Q | [kWh] | 482612 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 326,50 |
| Rated power input | D _A | [kW] | 113,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,87 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 304,73 |
| Rated power input | D _B | [kW] | 81,71 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,73 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 282,97 |
| Rated power input | D _C | [kW] | 61,51 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,60 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 261,20 |
| Rated power input | D _D | [kW] | 42,15 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,20 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /T+ /1702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,52 |
| Annual electricity consumption | Q | [kWh] | 434794 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 327,50 |
| Rated power input | D _A | [kW] | 112,50 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,91 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 305,67 |
| Rated power input | D _B | [kW] | 81,11 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,77 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 283,83 |
| Rated power input | D _C | [kW] | 60,81 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,67 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 262,00 |
| Rated power input | D _D | [kW] | 32,77 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,00 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /T+ /1902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,50 |
| Annual electricity consumption | Q | [kWh] | 504793 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 378,20 |
| Rated power input | D _A | [kW] | 126,90 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,98 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 352,99 |
| Rated power input | D _B | [kW] | 89,41 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,95 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 327,77 |
| Rated power input | D _C | [kW] | 65,71 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,99 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 302,56 |
| Rated power input | D _D | [kW] | 42,16 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,18 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /T+ /1902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,97 |
| Annual electricity consumption | Q | [kWh] | 465737 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 379,27 |
| Rated power input | D _A | [kW] | 126,00 |
| Rated energy efficiency ratio | EER _{DC,A} | | 3,01 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 354,01 |
| Rated power input | D _B | [kW] | 88,71 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,99 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 328,73 |
| Rated power input | D _C | [kW] | 65,01 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,06 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 303,44 |
| Rated power input | D _D | [kW] | 34,70 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,74 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

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|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,19 |
| Annual electricity consumption | Q | [kWh] | 594774 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 420,90 |
| Rated power input | D _A | [kW] | 147,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,86 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 392,84 |
| Rated power input | D _B | [kW] | 103,77 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,79 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 364,78 |
| Rated power input | D _C | [kW] | 76,67 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,76 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 336,72 |
| Rated power input | D _D | [kW] | 50,55 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,66 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /2002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,69 |
| Annual electricity consumption | Q | [kWh] | 544220 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 422,10 |
| Rated power input | D _A | [kW] | 146,10 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,89 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 393,96 |
| Rated power input | D _B | [kW] | 102,97 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,83 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 365,82 |
| Rated power input | D _C | [kW] | 75,97 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,82 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 337,68 |
| Rated power input | D _D | [kW] | 40,72 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,29 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /2202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,40 |
| Annual electricity consumption | Q | [kWh] | 631047 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 464,27 |
| Rated power input | D _A | [kW] | 156,90 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,96 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 433,35 |
| Rated power input | D _B | [kW] | 110,97 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,90 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 402,39 |
| Rated power input | D _C | [kW] | 80,77 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,98 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 371,44 |
| Rated power input | D _D | [kW] | 53,81 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,90 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /2202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,96 |
| Annual electricity consumption | Q | [kWh] | 573786 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 465,88 |
| Rated power input | D _A | [kW] | 154,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 3,01 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 434,84 |
| Rated power input | D _B | [kW] | 109,87 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,96 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 403,78 |
| Rated power input | D _C | [kW] | 79,67 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,07 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 372,72 |
| Rated power input | D _D | [kW] | 42,89 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,69 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /2602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,23 |
| Annual electricity consumption | Q | [kWh] | 757688 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 540,76 |
| Rated power input | D _A | [kW] | 191,10 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,83 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 504,75 |
| Rated power input | D _B | [kW] | 130,16 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,88 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 468,69 |
| Rated power input | D _C | [kW] | 93,56 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,01 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 432,64 |
| Rated power input | D _D | [kW] | 67,61 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,40 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /2602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,83 |
| Annual electricity consumption | Q | [kWh] | 683149 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 542,30 |
| Rated power input | D _A | [kW] | 189,60 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,86 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 506,15 |
| Rated power input | D _B | [kW] | 129,36 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,91 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 469,99 |
| Rated power input | D _C | [kW] | 92,66 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,07 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 433,84 |
| Rated power input | D _D | [kW] | 52,60 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,25 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /2702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,24 |
| Annual electricity consumption | Q | [kWh] | 814943 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 582,50 |
| Rated power input | D _A | [kW] | 204,40 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,85 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 543,67 |
| Rated power input | D _B | [kW] | 141,66 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,84 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 504,83 |
| Rated power input | D _C | [kW] | 104,86 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,81 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 466,00 |
| Rated power input | D _D | [kW] | 69,46 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,71 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /2702 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,81 |
| Annual electricity consumption | Q | [kWh] | 737252 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 584,16 |
| Rated power input | D _A | [kW] | 202,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,88 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 545,25 |
| Rated power input | D _B | [kW] | 140,56 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,88 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 506,31 |
| Rated power input | D _C | [kW] | 103,76 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,88 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 467,36 |
| Rated power input | D _D | [kW] | 54,38 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,59 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /3002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,22 |
| Annual electricity consumption | Q | [kWh] | 854538 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 608,50 |
| Rated power input | D _A | [kW] | 221,30 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,75 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 567,93 |
| Rated power input | D _B | [kW] | 150,29 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,78 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 527,37 |
| Rated power input | D _C | [kW] | 109,49 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,82 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 486,80 |
| Rated power input | D _D | [kW] | 72,65 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,70 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /3002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,76 |
| Annual electricity consumption | Q | [kWh] | 776743 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 610,37 |
| Rated power input | D _A | [kW] | 218,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,79 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 569,71 |
| Rated power input | D _B | [kW] | 149,09 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,82 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 529,01 |
| Rated power input | D _C | [kW] | 108,29 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,89 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 488,32 |
| Rated power input | D _D | [kW] | 57,59 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,48 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /3202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,19 |
| Annual electricity consumption | Q | [kWh] | 932670 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 659,37 |
| Rated power input | D _A | [kW] | 233,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,82 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 615,44 |
| Rated power input | D _B | [kW] | 160,79 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,83 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 571,48 |
| Rated power input | D _C | [kW] | 118,09 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,84 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 527,52 |
| Rated power input | D _D | [kW] | 81,09 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,51 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /3202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| - | | | |
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,83 |
| Annual electricity consumption | Q | [kWh] | 833016 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 661,70 |
| Rated power input | D _A | [kW] | 231,40 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,86 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 617,59 |
| Rated power input | D _B | [kW] | 159,19 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,88 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 573,47 |
| Rated power input | D _C | [kW] | 116,49 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,92 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 529,36 |
| Rated power input | D _D | [kW] | 61,77 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,57 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /3402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,27 |
| Annual electricity consumption | Q | [kWh] | 1007231 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 724,30 |
| Rated power input | D _A | [kW] | 248,00 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,92 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 676,01 |
| Rated power input | D _B | [kW] | 173,10 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,91 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 627,73 |
| Rated power input | D _C | [kW] | 126,10 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,98 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 579,44 |
| Rated power input | D _D | [kW] | 88,75 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,53 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /3402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,84 |
| Annual electricity consumption | Q | [kWh] | 912586 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 726,08 |
| Rated power input | D _A | [kW] | 246,10 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,95 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 677,69 |
| Rated power input | D _B | [kW] | 172,20 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,94 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 629,29 |
| Rated power input | D _C | [kW] | 125,10 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,03 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 580,88 |
| Rated power input | D _D | [kW] | 69,71 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,33 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /3602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,23 |
| Annual electricity consumption | Q | [kWh] | 1080418 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 770,76 |
| Rated power input | D _A | [kW] | 272,40 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,83 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 719,41 |
| Rated power input | D _B | [kW] | 188,00 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,83 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 668,03 |
| Rated power input | D _C | [kW] | 134,50 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,97 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 616,64 |
| Rated power input | D _D | [kW] | 95,10 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,48 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /3602 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,75 |
| Annual electricity consumption | Q | [kWh] | 985927 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 772,80 |
| Rated power input | D _A | [kW] | 270,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,86 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 721,28 |
| Rated power input | D _B | [kW] | 187,20 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,85 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 669,76 |
| Rated power input | D _C | [kW] | 133,50 |
| Declared energy efficiency ratio | EER _{DC,C} | | 5,02 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 618,24 |
| Rated power input | D _D | [kW] | 76,00 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,13 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /3902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,12 |
| Annual electricity consumption | Q | [kWh] | 1180654 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 823,80 |
| Rated power input | D _A | [kW] | 294,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,80 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 768,88 |
| Rated power input | D _B | [kW] | 203,20 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,78 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 713,96 |
| Rated power input | D _C | [kW] | 147,80 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,83 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 659,04 |
| Rated power input | D _D | [kW] | 103,93 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,34 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /T+ /3902 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,59 |
| Annual electricity consumption | Q | [kWh] | 1084707 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 826,28 |
| Rated power input | D _A | [kW] | 291,00 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,84 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 771,21 |
| Rated power input | D _B | [kW] | 202,00 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,82 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 716,13 |
| Rated power input | D _C | [kW] | 146,30 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,89 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 661,04 |
| Rated power input | D _D | [kW] | 84,89 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,79 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /4202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,07 |
| Annual electricity consumption | Q | [kWh] | 1277779 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 883,30 |
| Rated power input | D _A | [kW] | 306,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,88 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 824,41 |
| Rated power input | D _B | [kW] | 216,10 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,81 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 765,53 |
| Rated power input | D _C | [kW] | 159,40 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,80 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 706,64 |
| Rated power input | D _D | [kW] | 113,93 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,20 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /4202 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,64 |
| Annual electricity consumption | Q | [kWh] | 1153816 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 886,60 |
| Rated power input | D _A | [kW] | 303,60 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,92 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 827,49 |
| Rated power input | D _B | [kW] | 214,10 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,87 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 768,39 |
| Rated power input | D _C | [kW] | 157,20 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,89 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 709,28 |
| Rated power input | D _D | [kW] | 89,61 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,92 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /NG /T+ /4502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,03 |
| Annual electricity consumption | Q | [kWh] | 1394264 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 957,60 |
| Rated power input | D _A | [kW] | 337,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,84 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 893,76 |
| Rated power input | D _B | [kW] | 237,21 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,77 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 829,92 |
| Rated power input | D _C | [kW] | 174,71 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,75 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 766,08 |
| Rated power input | D _D | [kW] | 123,40 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,21 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy

| FR-FC-G05-Z /T+ /4502 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,59 |
| Annual electricity consumption | Q | [kWh] | 1259368 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 960,60 |
| Rated power input | D _A | [kW] | 334,70 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,87 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 896,56 |
| Rated power input | D _B | [kW] | 235,51 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,81 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 832,52 |
| Rated power input | D _C | [kW] | 172,91 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,81 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 768,48 |
| Rated power input | D _D | [kW] | 96,57 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,96 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /T+ /4802 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,21 |
| Annual electricity consumption | Q | [kWh] | 1471188 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1045,00 |
| Rated power input | D _A | [kW] | 354,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,95 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 975,33 |
| Rated power input | D _B | [kW] | 253,81 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,84 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 905,67 |
| Rated power input | D _C | [kW] | 189,61 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,78 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 836,00 |
| Rated power input | D _D | [kW] | 125,88 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,64 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

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| FR-FC-G05-Z /T+ /4802 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,75 |
| Annual electricity consumption | Q | [kWh] | 1337380 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1049,00 |
| Rated power input | D _A | [kW] | 350,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,99 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 979,07 |
| Rated power input | D _B | [kW] | 251,31 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,90 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 909,13 |
| Rated power input | D _C | [kW] | 186,91 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,86 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 839,20 |
| Rated power input | D _D | [kW] | 100,43 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,36 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

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| FR-FC-G05-Z /NG /T+ /5402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,13 |
| Annual electricity consumption | Q | [kWh] | 1662837 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1163,00 |
| Rated power input | D _A | [kW] | 412,40 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,82 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 1085,47 |
| Rated power input | D _B | [kW] | 288,16 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,77 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 1007,93 |
| Rated power input | D _C | [kW] | 212,36 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,75 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 930,40 |
| Rated power input | D _D | [kW] | 143,06 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,50 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

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| FR-FC-G05-Z /T+ /5402 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,72 |
| Annual electricity consumption | Q | [kWh] | 1496950 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1168,00 |
| Rated power input | D _A | [kW] | 407,00 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,87 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 1090,13 |
| Rated power input | D _B | [kW] | 284,66 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,83 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 1012,27 |
| Rated power input | D _C | [kW] | 208,56 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,85 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 934,40 |
| Rated power input | D _D | [kW] | 111,81 |
| Declared energy efficiency ratio | EER _{DC,D} | | 8,36 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

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| FR-FC-G05-Z /NG /T+ /6002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,00 |
| Annual electricity consumption | Q | [kWh] | 1809876 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1234,59 |
| Rated power input | D _A | [kW] | 460,80 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,68 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 1152,67 |
| Rated power input | D _B | [kW] | 322,26 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,58 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 1070,33 |
| Rated power input | D _C | [kW] | 228,36 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,69 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 988,00 |
| Rated power input | D _D | [kW] | 155,47 |
| Declared energy efficiency ratio | EER _{DC,D} | | 6,35 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO2eq] | 631 |

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| FR-FC-G05-Z /T+ /6002 | | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|
| Type of condensing | Air cooled / Water cooled | | Air cooled |
| Refrigerant fluid(s) | Information to identify the refrigerant fluid(s) intended to be used with the condensing unit | | - |
| Type | compressor driven vapour compression or sorption process | | Compressor driven vapour compression |
| Operating temperature | t | [°C] | 7 |
| Seasonal energy performance ratio | SEPR | | 5,53 |
| Annual electricity consumption | Q | [kWh] | 1644877 |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | [kW] | 1240,00 |
| Rated power input | D _A | [kW] | 454,20 |
| Rated energy efficiency ratio | EER _{DC,A} | | 2,73 |
| Parameters at rating point B | | | |
| Rated refrigeration capacity | P _B | [kW] | 1157,33 |
| Rated power input | D _B | [kW] | 317,86 |
| Declared energy efficiency ratio | EER _{DC,B} | | 3,64 |
| Parameters at rating point C | | | |
| Rated refrigeration capacity | P _C | [kW] | 1074,67 |
| Rated power input | D _C | [kW] | 224,16 |
| Declared energy efficiency ratio | EER _{DC,C} | | 4,80 |
| Parameters at rating point D | | | |
| Rated refrigeration capacity | P _D | [kW] | 992,00 |
| Rated power input | D _D | [kW] | 124,75 |
| Declared energy efficiency ratio | EER _{DC,D} | | 7,95 |
| Other items | | | |
| Capacity control | fixed/staged/variable | | Variable |
| Degradation coefficient for chillers | C _{DC} | | 0,9 |
| GWP of the refrigerant | | [Kg CO ₂ eq] | 631 |

Contact details: Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A., via Caduti di Cefalonia 1 - 36061 Bassano del Grappa (VI) - Italy



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.



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