

RC GROUP Technical Documentation
FR-G05-Z_1502_7223_201809_ML

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

Ecodesign requirements for process chillers

AIR COOLED CHILLERS

FR-G05-Z 1502 - 7223

Cooling Capacity Range 288 - 1704 [kW] - (EN14511 VALUE)
Nominal Cooling Capacity at TdesignC Range 288 - 1704 [kW]



1. REGULATION (EU) N. 2016/2281 FOR HIGH TEMPERATURE PROCESS CHILLERS	
1.1 Scope of the document	3
1.2 REGULATION (UE) N. 2016/2281 description	3
1.3 Description of the data declared by Mitsubishi Electric Hydronics & IT Cooling Systems	3
2. RC GROUP CONTENTS UNIT	
2.1 Table index	4
3. TECHNICAL PARAMETERS	
3.1 FR-G05-Z /CA	5
3.2 FR-G05-Z /E	25
3.3 FR-G05-Z /K	42
3.4 FR-G05-Z /SL-CA	67
3.5 FR-G05-Z /SL-E	86
3.6 FR-G05-Z /SL-K	103



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 GROUP CONTENTS UNIT

2.1 Table index

AIR COOLED CHILLERS

FR-G05-Z 1502 - 7223

Cooling Capacity Range 288 - 1704 [kW]

Nominal Cooling Capacity at TdesignC Range 288 - 1704 [kW]

Units	Version	Size					Pag.
FR-G05-Z	CA	1502	1702	1902	1922	2202	5
		2602	2652	2702	2722	3152	
		3602	3902	4202	4502	4802	
		4822	5412	5703	6303	6603	
FR-G05-Z	E	1502	1702	1902	1922	2202	25
		2602	2652	2702	2722	3152	
		3602	3902	4202	4502	4802	
		4822	5412				
FR-G05-Z	K	1502	1702	1902	1922	2202	42
		2602	2652	2702	2722	3152	
		3602	3902	4202	4502	4802	
		4812	4822	5412	6002	6022	
		6303	6903	7203	7213	7223	
FR-G05-Z	SL-CA	1502	1702	1902	1922	2202	67
		2602	2652	2702	2722	3152	
		3602	3902	4202	4502	4802	
		4822	5412	5703	6303		
FR-G05-Z	SL-E	1502	1702	1902	1922	2202	86
		2602	2652	2702	2722	3152	
		3602	3902	4202	4502	4802	
		4822	5412				
FR-G05-Z	SL-K	1502	1702	1902	1922	2202	103
		2602	2652	2702	2722	3152	
		3602	3902	4202	4502	4802	
		4812	4822	5412	6002	6022	
		6303	6903	7203	7213	7223	

FR-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	419700
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	301,60
Rated power input	D _A	[kW]	100,20
Rated energy efficiency ratio	EER _{DC,A}		3,01
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	281,49
Rated power input	D _B	[kW]	66,50
Declared energy efficiency ratio	EER _{DC,B}		4,22
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	261,39
Rated power input	D _C	[kW]	48,10
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	241,28
Rated power input	D _D	[kW]	41,40
Declared energy efficiency ratio	EER _{DC,D}		5,81
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,36
Annual electricity consumption	Q	[kWh]	477287
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	348,59
Rated power input	D _A	[kW]	113,90
Rated energy efficiency ratio	EER _{DC,A}		3,06
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	325,36
Rated power input	D _B	[kW]	76,10
Declared energy efficiency ratio	EER _{DC,B}		4,26
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	302,12
Rated power input	D _C	[kW]	54,80
Declared energy efficiency ratio	EER _{DC,C}		5,50
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	278,88
Rated power input	D _D	[kW]	46,90
Declared energy efficiency ratio	EER _{DC,D}		5,93
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,40
Annual electricity consumption	Q	[kWh]	535326
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	393,79
Rated power input	D _A	[kW]	131,30
Rated energy efficiency ratio	EER _{DC,A}		3,00
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	367,55
Rated power input	D _B	[kW]	85,80
Declared energy efficiency ratio	EER _{DC,B}		4,27
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	341,29
Rated power input	D _C	[kW]	61,20
Declared energy efficiency ratio	EER _{DC,C}		5,56
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	315,04
Rated power input	D _D	[kW]	52,70
Declared energy efficiency ratio	EER _{DC,D}		5,97
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,40
Annual electricity consumption	Q	[kWh]	626034
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	460,50
Rated power input	D _A	[kW]	151,00
Rated energy efficiency ratio	EER _{DC,A}		3,05
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	429,80
Rated power input	D _B	[kW]	99,60
Declared energy efficiency ratio	EER _{DC,B}		4,30
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	399,10
Rated power input	D _C	[kW]	71,00
Declared energy efficiency ratio	EER _{DC,C}		5,61
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	368,40
Rated power input	D _D	[kW]	62,40
Declared energy efficiency ratio	EER _{DC,D}		5,90
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,37
Annual electricity consumption	Q	[kWh]	699489
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	511,66
Rated power input	D _A	[kW]	167,80
Rated energy efficiency ratio	EER _{DC,A}		3,05
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	477,59
Rated power input	D _B	[kW]	110,90
Declared energy efficiency ratio	EER _{DC,B}		4,29
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	443,47
Rated power input	D _C	[kW]	78,70
Declared energy efficiency ratio	EER _{DC,C}		5,62
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	409,36
Rated power input	D _D	[kW]	70,10
Declared energy efficiency ratio	EER _{DC,D}		5,82
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-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,22
Annual electricity consumption	Q	[kWh]	772683
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	549,87
Rated power input	D _A	[kW]	183,30
Rated energy efficiency ratio	EER _{DC,A}		3,00
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	513,24
Rated power input	D _B	[kW]	121,30
Declared energy efficiency ratio	EER _{DC,B}		4,22
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	476,58
Rated power input	D _C	[kW]	88,00
Declared energy efficiency ratio	EER _{DC,C}		5,40
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	439,92
Rated power input	D _D	[kW]	77,00
Declared energy efficiency ratio	EER _{DC,D}		5,70
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,26
Annual electricity consumption	Q	[kWh]	820530
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	588,88
Rated power input	D _A	[kW]	193,70
Rated energy efficiency ratio	EER _{DC,A}		3,04
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	549,64
Rated power input	D _B	[kW]	128,80
Declared energy efficiency ratio	EER _{DC,B}		4,26
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	510,38
Rated power input	D _C	[kW]	93,70
Declared energy efficiency ratio	EER _{DC,C}		5,43
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	471,12
Rated power input	D _D	[kW]	81,50
Declared energy efficiency ratio	EER _{DC,D}		5,76
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

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

FR-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	871789
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	626,56
Rated power input	D _A	[kW]	206,10
Rated energy efficiency ratio	EER _{DC,A}		3,04
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	584,83
Rated power input	D _B	[kW]	137,40
Declared energy efficiency ratio	EER _{DC,B}		4,24
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	543,05
Rated power input	D _C	[kW]	99,90
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	501,28
Rated power input	D _D	[kW]	86,20
Declared energy efficiency ratio	EER _{DC,D}		5,80
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-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,18
Annual electricity consumption	Q	[kWh]	964966
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	681,50
Rated power input	D _A	[kW]	228,70
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	636,07
Rated power input	D _B	[kW]	153,00
Declared energy efficiency ratio	EER _{DC,B}		4,14
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	590,63
Rated power input	D _C	[kW]	109,80
Declared energy efficiency ratio	EER _{DC,C}		5,36
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	545,20
Rated power input	D _D	[kW]	95,70
Declared energy efficiency ratio	EER _{DC,D}		5,68
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,26
Annual electricity consumption	Q	[kWh]	1065936
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	764,00
Rated power input	D _A	[kW]	253,80
Rated energy efficiency ratio	EER _{DC,A}		3,01
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	713,07
Rated power input	D _B	[kW]	168,00
Declared energy efficiency ratio	EER _{DC,B}		4,23
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	662,13
Rated power input	D _C	[kW]	121,30
Declared energy efficiency ratio	EER _{DC,C}		5,44
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	611,20
Rated power input	D _D	[kW]	106,10
Declared energy efficiency ratio	EER _{DC,D}		5,75
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-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,34
Annual electricity consumption	Q	[kWh]	1147681
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P_A	[kW]	835,00
Rated power input	D_A	[kW]	273,80
Rated energy efficiency ratio	$EER_{DC,A}$		3,05
Parameters at rating point B			
Rated refrigeration capacity	P_B	[kW]	779,33
Rated power input	D_B	[kW]	178,00
Declared energy efficiency ratio	$EER_{DC,B}$		4,37
Parameters at rating point C			
Rated refrigeration capacity	P_C	[kW]	723,67
Rated power input	D_C	[kW]	130,60
Declared energy efficiency ratio	$EER_{DC,C}$		5,53
Parameters at rating point D			
Rated refrigeration capacity	P_D	[kW]	668,00
Rated power input	D_D	[kW]	115,00
Declared energy efficiency ratio	$EER_{DC,D}$		5,79
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,32
Annual electricity consumption	Q	[kWh]	1243293
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	901,69
Rated power input	D _A	[kW]	293,70
Rated energy efficiency ratio	EER _{DC,A}		3,07
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	841,59
Rated power input	D _B	[kW]	192,20
Declared energy efficiency ratio	EER _{DC,B}		4,36
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	781,47
Rated power input	D _C	[kW]	141,50
Declared energy efficiency ratio	EER _{DC,C}		5,50
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	721,36
Rated power input	D _D	[kW]	124,50
Declared energy efficiency ratio	EER _{DC,D}		5,78
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,31
Annual electricity consumption	Q	[kWh]	1316045
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	952,50
Rated power input	D _A	[kW]	315,40
Rated energy efficiency ratio	EER _{DC,A}		3,02
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	889,00
Rated power input	D _B	[kW]	204,60
Declared energy efficiency ratio	EER _{DC,B}		4,33
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	825,50
Rated power input	D _C	[kW]	150,20
Declared energy efficiency ratio	EER _{DC,C}		5,48
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	762,00
Rated power input	D _D	[kW]	131,20
Declared energy efficiency ratio	EER _{DC,D}		5,79
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,32
Annual electricity consumption	Q	[kWh]	1417593
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1027,62
Rated power input	D _A	[kW]	337,00
Rated energy efficiency ratio	EER _{DC,A}		3,05
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	959,47
Rated power input	D _B	[kW]	222,30
Declared energy efficiency ratio	EER _{DC,B}		4,30
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	890,93
Rated power input	D _C	[kW]	161,80
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	822,40
Rated power input	D _D	[kW]	140,80
Declared energy efficiency ratio	EER _{DC,D}		5,82
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-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,32
Annual electricity consumption	Q	[kWh]	1507961
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1094,00
Rated power input	D _A	[kW]	357,50
Rated energy efficiency ratio	EER _{DC,A}		3,06
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1021,07
Rated power input	D _B	[kW]	236,00
Declared energy efficiency ratio	EER _{DC,B}		4,31
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	948,13
Rated power input	D _C	[kW]	172,30
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	875,20
Rated power input	D _D	[kW]	150,00
Declared energy efficiency ratio	EER _{DC,D}		5,82
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,30
Annual electricity consumption	Q	[kWh]	1624471
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1173,00
Rated power input	D _A	[kW]	393,60
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1094,80
Rated power input	D _B	[kW]	258,60
Declared energy efficiency ratio	EER _{DC,B}		4,22
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1016,60
Rated power input	D _C	[kW]	184,60
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	938,40
Rated power input	D _D	[kW]	161,10
Declared energy efficiency ratio	EER _{DC,D}		5,81
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-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,33
Annual electricity consumption	Q	[kWh]	1696893
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P_A	[kW]	1231,99
Rated power input	D_A	[kW]	410,70
Rated energy efficiency ratio	$EER_{DC,A}$		3,00
Parameters at rating point B			
Rated refrigeration capacity	P_B	[kW]	1149,87
Rated power input	D_B	[kW]	272,20
Declared energy efficiency ratio	$EER_{DC,B}$		4,21
Parameters at rating point C			
Rated refrigeration capacity	P_C	[kW]	1067,73
Rated power input	D_C	[kW]	192,40
Declared energy efficiency ratio	$EER_{DC,C}$		5,54
Parameters at rating point D			
Rated refrigeration capacity	P_D	[kW]	985,60
Rated power input	D_D	[kW]	168,30
Declared energy efficiency ratio	$EER_{DC,D}$		5,84
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-G05-Z /CA			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,31
Annual electricity consumption	Q	[kWh]	1847546
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1338,00
Rated power input	D _A	[kW]	435,80
Rated energy efficiency ratio	EER _{DC,A}		3,07
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1248,80
Rated power input	D _B	[kW]	285,30
Declared energy efficiency ratio	EER _{DC,B}		4,36
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1159,60
Rated power input	D _C	[kW]	210,30
Declared energy efficiency ratio	EER _{DC,C}		5,50
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1070,40
Rated power input	D _D	[kW]	185,40
Declared energy efficiency ratio	EER _{DC,D}		5,76
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-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,30
Annual electricity consumption	Q	[kWh]	2013988
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1456,00
Rated power input	D _A	[kW]	480,50
Rated energy efficiency ratio	EER _{DC,A}		3,03
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1358,93
Rated power input	D _B	[kW]	313,90
Declared energy efficiency ratio	EER _{DC,B}		4,32
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1261,87
Rated power input	D _C	[kW]	229,50
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1164,80
Rated power input	D _D	[kW]	201,30
Declared energy efficiency ratio	EER _{DC,D}		5,77
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-G05-Z /CA			
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]	-
Seasonal energy performance ratio	SEPR		5,30
Annual electricity consumption	Q	[kWh]	2098938
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1517,00
Rated power input	D _A	[kW]	509,10
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1415,87
Rated power input	D _B	[kW]	328,20
Declared energy efficiency ratio	EER _{DC,B}		4,30
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1314,73
Rated power input	D _C	[kW]	238,80
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1213,60
Rated power input	D _D	[kW]	209,40
Declared energy efficiency ratio	EER _{DC,D}		5,78
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-G05-Z / E /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]	-
Seasonal energy performance ratio	SEPR		5,29
Annual electricity consumption	Q	[kWh]	438020
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	315,75
Rated power input	D _A	[kW]	99,00
Rated energy efficiency ratio	EER _{DC,A}		3,19
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	294,75
Rated power input	D _B	[kW]	66,50
Declared energy efficiency ratio	EER _{DC,B}		4,42
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	273,69
Rated power input	D _C	[kW]	50,10
Declared energy efficiency ratio	EER _{DC,C}		5,45
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	252,64
Rated power input	D _D	[kW]	44,10
Declared energy efficiency ratio	EER _{DC,D}		5,71
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-G05-Z / E / 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]	-
Seasonal energy performance ratio	SEPR		5,40
Annual electricity consumption	Q	[kWh]	490932
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	361,60
Rated power input	D _A	[kW]	113,70
Rated energy efficiency ratio	EER _{DC,A}		3,18
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	337,49
Rated power input	D _B	[kW]	77,50
Declared energy efficiency ratio	EER _{DC,B}		4,35
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	313,39
Rated power input	D _C	[kW]	57,00
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	289,28
Rated power input	D _D	[kW]	48,10
Declared energy efficiency ratio	EER _{DC,D}		6,00
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-G05-Z / E /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]	-
Seasonal energy performance ratio	SEPR		5,41
Annual electricity consumption	Q	[kWh]	559653
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	412,87
Rated power input	D _A	[kW]	129,00
Rated energy efficiency ratio	EER _{DC,A}		3,20
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	385,37
Rated power input	D _B	[kW]	87,20
Declared energy efficiency ratio	EER _{DC,B}		4,41
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	357,85
Rated power input	D _C	[kW]	64,50
Declared energy efficiency ratio	EER _{DC,C}		5,53
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	330,32
Rated power input	D _D	[kW]	55,50
Declared energy efficiency ratio	EER _{DC,D}		5,95
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-G05-Z /E /1922			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,43
Annual electricity consumption	Q	[kWh]	608525
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	450,08
Rated power input	D _A	[kW]	143,30
Rated energy efficiency ratio	EER _{DC,A}		3,14
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	420,09
Rated power input	D _B	[kW]	97,50
Declared energy efficiency ratio	EER _{DC,B}		4,30
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	390,09
Rated power input	D _C	[kW]	69,60
Declared energy efficiency ratio	EER _{DC,C}		5,59
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	360,08
Rated power input	D _D	[kW]	60,00
Declared energy efficiency ratio	EER _{DC,D}		5,99
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-G05-Z / E / 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]	-
Seasonal energy performance ratio	SEPR		5,39
Annual electricity consumption	Q	[kWh]	720505
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	528,95
Rated power input	D _A	[kW]	164,30
Rated energy efficiency ratio	EER _{DC,A}		3,22
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	493,73
Rated power input	D _B	[kW]	110,90
Declared energy efficiency ratio	EER _{DC,B}		4,44
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	458,47
Rated power input	D _C	[kW]	81,60
Declared energy efficiency ratio	EER _{DC,C}		5,61
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	423,20
Rated power input	D _D	[kW]	72,90
Declared energy efficiency ratio	EER _{DC,D}		5,79
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-G05-Z / E / 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]	-
Seasonal energy performance ratio	SEPR		5,25
Annual electricity consumption	Q	[kWh]	802528
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	574,39
Rated power input	D _A	[kW]	178,90
Rated energy efficiency ratio	EER _{DC,A}		3,21
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	536,11
Rated power input	D _B	[kW]	121,50
Declared energy efficiency ratio	EER _{DC,B}		4,40
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	497,81
Rated power input	D _C	[kW]	91,80
Declared energy efficiency ratio	EER _{DC,C}		5,41
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	459,52
Rated power input	D _D	[kW]	81,00
Declared energy efficiency ratio	EER _{DC,D}		5,66
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-G05-Z / E / 2652			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,28
Annual electricity consumption	Q	[kWh]	848811
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	611,20
Rated power input	D _A	[kW]	190,40
Rated energy efficiency ratio	EER _{DC,A}		3,21
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	570,45
Rated power input	D _B	[kW]	130,00
Declared energy efficiency ratio	EER _{DC,B}		4,38
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	529,71
Rated power input	D _C	[kW]	97,60
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	488,96
Rated power input	D _D	[kW]	85,00
Declared energy efficiency ratio	EER _{DC,D}		5,74
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-G05-Z / E / 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]	-
Seasonal energy performance ratio	SEPR		5,29
Annual electricity consumption	Q	[kWh]	898414
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P_A	[kW]	647,89
Rated power input	D_A	[kW]	201,20
Rated energy efficiency ratio	$EER_{DC,A}$		3,22
Parameters at rating point B			
Rated refrigeration capacity	P_B	[kW]	604,71
Rated power input	D_B	[kW]	138,40
Declared energy efficiency ratio	$EER_{DC,B}$		4,36
Parameters at rating point C			
Rated refrigeration capacity	P_C	[kW]	561,51
Rated power input	D_C	[kW]	103,50
Declared energy efficiency ratio	$EER_{DC,C}$		5,41
Parameters at rating point D			
Rated refrigeration capacity	P_D	[kW]	518,32
Rated power input	D_D	[kW]	89,50
Declared energy efficiency ratio	$EER_{DC,D}$		5,78
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

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

FR-G05-Z / E / 2722			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,26
Annual electricity consumption	Q	[kWh]	978653
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	701,50
Rated power input	D _A	[kW]	223,40
Rated energy efficiency ratio	EER _{DC,A}		3,14
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	654,73
Rated power input	D _B	[kW]	152,90
Declared energy efficiency ratio	EER _{DC,B}		4,27
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	607,97
Rated power input	D _C	[kW]	112,10
Declared energy efficiency ratio	EER _{DC,C}		5,41
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	561,20
Rated power input	D _D	[kW]	97,40
Declared energy efficiency ratio	EER _{DC,D}		5,75
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-G05-Z / E / 3152			
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]	-
Seasonal energy performance ratio	SEPR		5,32
Annual electricity consumption	Q	[kWh]	1081579
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	783,70
Rated power input	D _A	[kW]	248,00
Rated energy efficiency ratio	EER _{DC,A}		3,16
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	731,45
Rated power input	D _B	[kW]	169,00
Declared energy efficiency ratio	EER _{DC,B}		4,32
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	679,21
Rated power input	D _C	[kW]	124,00
Declared energy efficiency ratio	EER _{DC,C}		5,47
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	626,96
Rated power input	D _D	[kW]	107,70
Declared energy efficiency ratio	EER _{DC,D}		5,81
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-G05-Z / E / 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]	-
Seasonal energy performance ratio	SEPR		5,35
Annual electricity consumption	Q	[kWh]	1166850
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	851,40
Rated power input	D _A	[kW]	268,60
Rated energy efficiency ratio	EER _{DC,A}		3,17
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	794,64
Rated power input	D _B	[kW]	180,60
Declared energy efficiency ratio	EER _{DC,B}		4,39
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	737,88
Rated power input	D _C	[kW]	133,50
Declared energy efficiency ratio	EER _{DC,C}		5,51
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	681,12
Rated power input	D _D	[kW]	116,60
Declared energy efficiency ratio	EER _{DC,D}		5,83
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-G05-Z / E / 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]	-
Seasonal energy performance ratio	SEPR		5,34
Annual electricity consumption	Q	[kWh]	1274225
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	927,80
Rated power input	D _A	[kW]	291,80
Rated energy efficiency ratio	EER _{DC,A}		3,18
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	865,95
Rated power input	D _B	[kW]	197,60
Declared energy efficiency ratio	EER _{DC,B}		4,37
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	804,09
Rated power input	D _C	[kW]	145,80
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	742,24
Rated power input	D _D	[kW]	127,00
Declared energy efficiency ratio	EER _{DC,D}		5,83
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-G05-Z /E /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]	-
Seasonal energy performance ratio	SEPR		5,33
Annual electricity consumption	Q	[kWh]	1353557
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	983,58
Rated power input	D _A	[kW]	312,30
Rated energy efficiency ratio	EER _{DC,A}		3,15
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	918,03
Rated power input	D _B	[kW]	210,00
Declared energy efficiency ratio	EER _{DC,B}		4,36
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	852,45
Rated power input	D _C	[kW]	155,20
Declared energy efficiency ratio	EER _{DC,C}		5,48
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	786,88
Rated power input	D _D	[kW]	134,90
Declared energy efficiency ratio	EER _{DC,D}		5,82
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-G05-Z / E /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]	-
Seasonal energy performance ratio	SEPR		5,36
Annual electricity consumption	Q	[kWh]	1437006
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1050,55
Rated power input	D _A	[kW]	333,70
Rated energy efficiency ratio	EER _{DC,A}		3,15
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	980,93
Rated power input	D _B	[kW]	226,20
Declared energy efficiency ratio	EER _{DC,B}		4,32
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	910,87
Rated power input	D _C	[kW]	165,00
Declared energy efficiency ratio	EER _{DC,C}		5,51
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	840,80
Rated power input	D _D	[kW]	142,20
Declared energy efficiency ratio	EER _{DC,D}		5,90
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-G05-Z / E / 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]	-
Seasonal energy performance ratio	SEPR		5,36
Annual electricity consumption	Q	[kWh]	1530912
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1119,00
Rated power input	D _A	[kW]	355,20
Rated energy efficiency ratio	EER _{DC,A}		3,15
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1044,40
Rated power input	D _B	[kW]	236,50
Declared energy efficiency ratio	EER _{DC,B}		4,40
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	969,80
Rated power input	D _C	[kW]	175,20
Declared energy efficiency ratio	EER _{DC,C}		5,52
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	895,20
Rated power input	D _D	[kW]	152,70
Declared energy efficiency ratio	EER _{DC,D}		5,84
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-G05-Z /E /4822			
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]	-
Seasonal energy performance ratio	SEPR		5,35
Annual electricity consumption	Q	[kWh]	1668475
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1215,96
Rated power input	D _A	[kW]	391,00
Rated energy efficiency ratio	EER _{DC,A}		3,11
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1134,93
Rated power input	D _B	[kW]	261,90
Declared energy efficiency ratio	EER _{DC,B}		4,33
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1053,87
Rated power input	D _C	[kW]	190,00
Declared energy efficiency ratio	EER _{DC,C}		5,53
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	972,80
Rated power input	D _D	[kW]	166,60
Declared energy efficiency ratio	EER _{DC,D}		5,83
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-G05-Z / E / 5412			
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]	-
Seasonal energy performance ratio	SEPR		5,37
Annual electricity consumption	Q	[kWh]	1740833
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1273,58
Rated power input	D _A	[kW]	411,00
Rated energy efficiency ratio	EER _{DC,A}		3,10
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1189,07
Rated power input	D _B	[kW]	278,00
Declared energy efficiency ratio	EER _{DC,B}		4,27
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1104,13
Rated power input	D _C	[kW]	198,20
Declared energy efficiency ratio	EER _{DC,C}		5,56
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1019,20
Rated power input	D _D	[kW]	172,80
Declared energy efficiency ratio	EER _{DC,D}		5,89
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,08
Annual electricity consumption	Q	[kWh]	431509
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	298,86
Rated power input	D _A	[kW]	105,60
Rated energy efficiency ratio	EER _{DC,A}		2,83
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	278,97
Rated power input	D _B	[kW]	68,10
Declared energy efficiency ratio	EER _{DC,B}		4,09
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	259,05
Rated power input	D _C	[kW]	48,90
Declared energy efficiency ratio	EER _{DC,C}		5,28
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	239,12
Rated power input	D _D	[kW]	43,10
Declared energy efficiency ratio	EER _{DC,D}		5,54
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,30
Annual electricity consumption	Q	[kWh]	449465
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	324,90
Rated power input	D _A	[kW]	123,10
Rated energy efficiency ratio	EER _{DC,A}		2,64
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	303,24
Rated power input	D _B	[kW]	72,20
Declared energy efficiency ratio	EER _{DC,B}		4,19
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	281,58
Rated power input	D _C	[kW]	50,80
Declared energy efficiency ratio	EER _{DC,C}		5,53
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	259,92
Rated power input	D _D	[kW]	44,40
Declared energy efficiency ratio	EER _{DC,D}		5,83
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,18
Annual electricity consumption	Q	[kWh]	541121
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	382,08
Rated power input	D _A	[kW]	137,40
Rated energy efficiency ratio	EER _{DC,A}		2,78
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	356,63
Rated power input	D _B	[kW]	88,50
Declared energy efficiency ratio	EER _{DC,B}		4,02
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	331,15
Rated power input	D _C	[kW]	61,50
Declared energy efficiency ratio	EER _{DC,C}		5,37
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	305,68
Rated power input	D _D	[kW]	53,10
Declared energy efficiency ratio	EER _{DC,D}		5,75
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-G05-Z /K /1922			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,09
Annual electricity consumption	Q	[kWh]	620915
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	430,49
Rated power input	D _A	[kW]	151,10
Rated energy efficiency ratio	EER _{DC,A}		2,85
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	401,80
Rated power input	D _B	[kW]	100,50
Declared energy efficiency ratio	EER _{DC,B}		3,98
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	373,10
Rated power input	D _C	[kW]	70,80
Declared energy efficiency ratio	EER _{DC,C}		5,26
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	344,40
Rated power input	D _D	[kW]	60,90
Declared energy efficiency ratio	EER _{DC,D}		5,63
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	667381
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	479,29
Rated power input	D _A	[kW]	177,50
Rated energy efficiency ratio	EER _{DC,A}		2,70
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	447,35
Rated power input	D _B	[kW]	107,00
Declared energy efficiency ratio	EER _{DC,B}		4,17
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	415,39
Rated power input	D _C	[kW]	74,40
Declared energy efficiency ratio	EER _{DC,C}		5,57
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	383,44
Rated power input	D _D	[kW]	67,00
Declared energy efficiency ratio	EER _{DC,D}		5,71
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,28
Annual electricity consumption	Q	[kWh]	738107
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	531,70
Rated power input	D _A	[kW]	194,80
Rated energy efficiency ratio	EER _{DC,A}		2,73
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	496,25
Rated power input	D _B	[kW]	117,70
Declared energy efficiency ratio	EER _{DC,B}		4,20
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	460,81
Rated power input	D _C	[kW]	83,00
Declared energy efficiency ratio	EER _{DC,C}		5,54
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	425,36
Rated power input	D _D	[kW]	73,60
Declared energy efficiency ratio	EER _{DC,D}		5,76
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-G05-Z /K /2652			
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]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	775586
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	557,10
Rated power input	D _A	[kW]	203,30
Rated energy efficiency ratio	EER _{DC,A}		2,74
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	519,96
Rated power input	D _B	[kW]	124,00
Declared energy efficiency ratio	EER _{DC,B}		4,18
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	482,82
Rated power input	D _C	[kW]	87,70
Declared energy efficiency ratio	EER _{DC,C}		5,50
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	445,68
Rated power input	D _D	[kW]	77,00
Declared energy efficiency ratio	EER _{DC,D}		5,77
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,17
Annual electricity consumption	Q	[kWh]	849580
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	598,80
Rated power input	D _A	[kW]	213,90
Rated energy efficiency ratio	EER _{DC,A}		2,80
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	558,88
Rated power input	D _B	[kW]	136,50
Declared energy efficiency ratio	EER _{DC,B}		4,08
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	518,96
Rated power input	D _C	[kW]	96,50
Declared energy efficiency ratio	EER _{DC,C}		5,36
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	479,04
Rated power input	D _D	[kW]	83,90
Declared energy efficiency ratio	EER _{DC,D}		5,70
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-G05-Z /K /2722			
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]	-
Seasonal energy performance ratio	SEPR		5,03
Annual electricity consumption	Q	[kWh]	957963
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	656,30
Rated power input	D _A	[kW]	246,70
Rated energy efficiency ratio	EER _{DC,A}		2,66
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	612,55
Rated power input	D _B	[kW]	157,70
Declared energy efficiency ratio	EER _{DC,B}		3,87
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	568,79
Rated power input	D _C	[kW]	108,10
Declared energy efficiency ratio	EER _{DC,C}		5,25
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	525,04
Rated power input	D _D	[kW]	94,20
Declared energy efficiency ratio	EER _{DC,D}		5,56
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-G05-Z /K /3152			
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]	-
Seasonal energy performance ratio	SEPR		5,14
Annual electricity consumption	Q	[kWh]	1030862
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	722,86
Rated power input	D _A	[kW]	262,90
Rated energy efficiency ratio	EER _{DC,A}		2,75
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	674,71
Rated power input	D _B	[kW]	161,90
Declared energy efficiency ratio	EER _{DC,B}		4,15
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	626,51
Rated power input	D _C	[kW]	116,00
Declared energy efficiency ratio	EER _{DC,C}		5,38
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	578,32
Rated power input	D _D	[kW]	103,30
Declared energy efficiency ratio	EER _{DC,D}		5,58
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	1120029
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	800,20
Rated power input	D _A	[kW]	280,80
Rated energy efficiency ratio	EER _{DC,A}		2,85
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	746,85
Rated power input	D _B	[kW]	175,30
Declared energy efficiency ratio	EER _{DC,B}		4,25
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	693,51
Rated power input	D _C	[kW]	126,60
Declared energy efficiency ratio	EER _{DC,C}		5,46
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	640,16
Rated power input	D _D	[kW]	112,30
Declared energy efficiency ratio	EER _{DC,D}		5,69
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,23
Annual electricity consumption	Q	[kWh]	1220116
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	869,16
Rated power input	D _A	[kW]	305,00
Rated energy efficiency ratio	EER _{DC,A}		2,85
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	811,25
Rated power input	D _B	[kW]	189,30
Declared energy efficiency ratio	EER _{DC,B}		4,27
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	753,31
Rated power input	D _C	[kW]	138,10
Declared energy efficiency ratio	EER _{DC,C}		5,44
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	695,36
Rated power input	D _D	[kW]	122,40
Declared energy efficiency ratio	EER _{DC,D}		5,66
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,21
Annual electricity consumption	Q	[kWh]	1299548
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	923,30
Rated power input	D _A	[kW]	326,30
Rated energy efficiency ratio	EER _{DC,A}		2,83
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	861,75
Rated power input	D _B	[kW]	202,50
Declared energy efficiency ratio	EER _{DC,B}		4,24
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	800,19
Rated power input	D _C	[kW]	147,60
Declared energy efficiency ratio	EER _{DC,C}		5,41
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	738,64
Rated power input	D _D	[kW]	130,00
Declared energy efficiency ratio	EER _{DC,D}		5,67
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	1371465
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	979,40
Rated power input	D _A	[kW]	353,60
Rated energy efficiency ratio	EER _{DC,A}		2,77
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	914,11
Rated power input	D _B	[kW]	214,70
Declared energy efficiency ratio	EER _{DC,B}		4,25
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	848,81
Rated power input	D _C	[kW]	155,50
Declared energy efficiency ratio	EER _{DC,C}		5,45
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	783,52
Rated power input	D _D	[kW]	137,10
Declared energy efficiency ratio	EER _{DC,D}		5,70
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,23
Annual electricity consumption	Q	[kWh]	1427603
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1017,70
Rated power input	D _A	[kW]	381,30
Rated energy efficiency ratio	EER _{DC,A}		2,67
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	950,13
Rated power input	D _B	[kW]	225,90
Declared energy efficiency ratio	EER _{DC,B}		4,19
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	882,27
Rated power input	D _C	[kW]	161,50
Declared energy efficiency ratio	EER _{DC,C}		5,45
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	814,40
Rated power input	D _D	[kW]	142,00
Declared energy efficiency ratio	EER _{DC,D}		5,72
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-G05-Z /K /4812			
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]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	1477315
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1055,00
Rated power input	D _A	[kW]	366,30
Rated energy efficiency ratio	EER _{DC,A}		2,88
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	984,67
Rated power input	D _B	[kW]	230,80
Declared energy efficiency ratio	EER _{DC,B}		4,25
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	914,33
Rated power input	D _C	[kW]	167,90
Declared energy efficiency ratio	EER _{DC,C}		5,43
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	844,00
Rated power input	D _D	[kW]	147,40
Declared energy efficiency ratio	EER _{DC,D}		5,71
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-G05-Z /K /4822			
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]	-
Seasonal energy performance ratio	SEPR		5,15
Annual electricity consumption	Q	[kWh]	1625373
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1141,79
Rated power input	D _A	[kW]	409,30
Rated energy efficiency ratio	EER _{DC,A}		2,79
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1065,87
Rated power input	D _B	[kW]	261,50
Declared energy efficiency ratio	EER _{DC,B}		4,06
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	989,73
Rated power input	D _C	[kW]	183,60
Declared energy efficiency ratio	EER _{DC,C}		5,37
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	913,60
Rated power input	D _D	[kW]	160,90
Declared energy efficiency ratio	EER _{DC,D}		5,66
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-G05-Z /K /5412			
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]	-
Seasonal energy performance ratio	SEPR		5,25
Annual electricity consumption	Q	[kWh]	1638309
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1172,00
Rated power input	D _A	[kW]	435,70
Rated energy efficiency ratio	EER _{DC,A}		2,69
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1093,87
Rated power input	D _B	[kW]	268,30
Declared energy efficiency ratio	EER _{DC,B}		4,07
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1015,73
Rated power input	D _C	[kW]	183,90
Declared energy efficiency ratio	EER _{DC,C}		5,51
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	937,60
Rated power input	D _D	[kW]	162,20
Declared energy efficiency ratio	EER _{DC,D}		5,77
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-G05-Z /K /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]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	1718877
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1234,97
Rated power input	D _A	[kW]	447,50
Rated energy efficiency ratio	EER _{DC,A}		2,76
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1152,67
Rated power input	D _B	[kW]	287,70
Declared energy efficiency ratio	EER _{DC,B}		3,99
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1070,33
Rated power input	D _C	[kW]	193,40
Declared energy efficiency ratio	EER _{DC,C}		5,52
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	988,00
Rated power input	D _D	[kW]	168,00
Declared energy efficiency ratio	EER _{DC,D}		5,86
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-G05-Z /K /6022			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,15
Annual electricity consumption	Q	[kWh]	1848226
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1298,00
Rated power input	D _A	[kW]	489,80
Rated energy efficiency ratio	EER _{DC,A}		2,65
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1211,47
Rated power input	D _B	[kW]	315,70
Declared energy efficiency ratio	EER _{DC,B}		3,83
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1124,93
Rated power input	D _C	[kW]	206,70
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1038,40
Rated power input	D _D	[kW]	179,90
Declared energy efficiency ratio	EER _{DC,D}		5,75
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-G05-Z /K /6303			
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]	-
Seasonal energy performance ratio	SEPR		5,19
Annual electricity consumption	Q	[kWh]	1975120
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1396,64
Rated power input	D _A	[kW]	490,20
Rated energy efficiency ratio	EER _{DC,A}		2,85
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1303,87
Rated power input	D _B	[kW]	312,30
Declared energy efficiency ratio	EER _{DC,B}		4,16
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1210,73
Rated power input	D _C	[kW]	224,50
Declared energy efficiency ratio	EER _{DC,C}		5,38
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1117,60
Rated power input	D _D	[kW]	196,50
Declared energy efficiency ratio	EER _{DC,D}		5,68
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-G05-Z /K /6903			
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]	-
Seasonal energy performance ratio	SEPR		5,20
Annual electricity consumption	Q	[kWh]	2080362
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1475,96
Rated power input	D _A	[kW]	540,70
Rated energy efficiency ratio	EER _{DC,A}		2,73
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1377,60
Rated power input	D _B	[kW]	323,80
Declared energy efficiency ratio	EER _{DC,B}		4,24
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1279,20
Rated power input	D _C	[kW]	235,40
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1180,80
Rated power input	D _D	[kW]	208,30
Declared energy efficiency ratio	EER _{DC,D}		5,65
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-G05-Z /K /7203			
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]	-
Seasonal energy performance ratio	SEPR		5,26
Annual electricity consumption	Q	[kWh]	2152340
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1542,83
Rated power input	D _A	[kW]	573,60
Rated energy efficiency ratio	EER _{DC,A}		2,69
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1440,13
Rated power input	D _B	[kW]	339,70
Declared energy efficiency ratio	EER _{DC,B}		4,23
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1337,27
Rated power input	D _C	[kW]	243,50
Declared energy efficiency ratio	EER _{DC,C}		5,48
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1234,40
Rated power input	D _D	[kW]	214,70
Declared energy efficiency ratio	EER _{DC,D}		5,74
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-G05-Z /K /7213			
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]	-
Seasonal energy performance ratio	SEPR		5,14
Annual electricity consumption	Q	[kWh]	2355223
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1649,00
Rated power input	D _A	[kW]	599,60
Rated energy efficiency ratio	EER _{DC,A}		2,75
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1539,07
Rated power input	D _B	[kW]	377,20
Declared energy efficiency ratio	EER _{DC,B}		4,07
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1429,13
Rated power input	D _C	[kW]	266,60
Declared energy efficiency ratio	EER _{DC,C}		5,35
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1319,20
Rated power input	D _D	[kW]	233,80
Declared energy efficiency ratio	EER _{DC,D}		5,63
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-G05-Z /K /7223			
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]	-
Seasonal energy performance ratio	SEPR		5,13
Annual electricity consumption	Q	[kWh]	2438216
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1704,00
Rated power input	D _A	[kW]	624,20
Rated energy efficiency ratio	EER _{DC,A}		2,73
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1590,40
Rated power input	D _B	[kW]	393,70
Declared energy efficiency ratio	EER _{DC,B}		4,03
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1476,80
Rated power input	D _C	[kW]	274,90
Declared energy efficiency ratio	EER _{DC,C}		5,35
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1363,20
Rated power input	D _D	[kW]	241,30
Declared energy efficiency ratio	EER _{DC,D}		5,63
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,35
Annual electricity consumption	Q	[kWh]	415812
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	303,40
Rated power input	D _A	[kW]	99,50
Rated energy efficiency ratio	EER _{DC,A}		3,05
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	283,17
Rated power input	D _B	[kW]	65,00
Declared energy efficiency ratio	EER _{DC,B}		4,35
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	262,95
Rated power input	D _C	[kW]	47,40
Declared energy efficiency ratio	EER _{DC,C}		5,54
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	242,72
Rated power input	D _D	[kW]	41,50
Declared energy efficiency ratio	EER _{DC,D}		5,83
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,42
Annual electricity consumption	Q	[kWh]	465683
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	343,90
Rated power input	D _A	[kW]	113,10
Rated energy efficiency ratio	EER _{DC,A}		3,04
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	320,97
Rated power input	D _B	[kW]	74,30
Declared energy efficiency ratio	EER _{DC,B}		4,31
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	298,05
Rated power input	D _C	[kW]	53,20
Declared energy efficiency ratio	EER _{DC,C}		5,59
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	275,12
Rated power input	D _D	[kW]	46,00
Declared energy efficiency ratio	EER _{DC,D}		5,97
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,35
Annual electricity consumption	Q	[kWh]	538581
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P_A	[kW]	393,10
Rated power input	D_A	[kW]	128,00
Rated energy efficiency ratio	$EER_{DC,A}$		3,07
Parameters at rating point B			
Rated refrigeration capacity	P_B	[kW]	366,89
Rated power input	D_B	[kW]	85,80
Declared energy efficiency ratio	$EER_{DC,B}$		4,26
Parameters at rating point C			
Rated refrigeration capacity	P_C	[kW]	340,69
Rated power input	D_C	[kW]	61,60
Declared energy efficiency ratio	$EER_{DC,C}$		5,52
Parameters at rating point D			
Rated refrigeration capacity	P_D	[kW]	314,48
Rated power input	D_D	[kW]	53,20
Declared energy efficiency ratio	$EER_{DC,D}$		5,90
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-G05-Z /SL-CA /1922			
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]	-
Seasonal energy performance ratio	SEPR		5,41
Annual electricity consumption	Q	[kWh]	608518
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	448,99
Rated power input	D _A	[kW]	150,70
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	419,07
Rated power input	D _B	[kW]	97,20
Declared energy efficiency ratio	EER _{DC,B}		4,30
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	389,13
Rated power input	D _C	[kW]	68,70
Declared energy efficiency ratio	EER _{DC,C}		5,65
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	359,20
Rated power input	D _D	[kW]	60,70
Declared energy efficiency ratio	EER _{DC,D}		5,91
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,36
Annual electricity consumption	Q	[kWh]	683086
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	499,25
Rated power input	D _A	[kW]	167,60
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	466,01
Rated power input	D _B	[kW]	107,50
Declared energy efficiency ratio	EER _{DC,B}		4,32
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	432,73
Rated power input	D _C	[kW]	76,50
Declared energy efficiency ratio	EER _{DC,C}		5,64
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	399,44
Rated power input	D _D	[kW]	68,90
Declared energy efficiency ratio	EER _{DC,D}		5,78
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,33
Annual electricity consumption	Q	[kWh]	769469
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P_A	[kW]	559,10
Rated power input	D_A	[kW]	187,00
Rated energy efficiency ratio	$EER_{DC,A}$		2,99
Parameters at rating point B			
Rated refrigeration capacity	P_B	[kW]	521,83
Rated power input	D_B	[kW]	121,20
Declared energy efficiency ratio	$EER_{DC,B}$		4,29
Parameters at rating point C			
Rated refrigeration capacity	P_C	[kW]	484,55
Rated power input	D_C	[kW]	87,00
Declared energy efficiency ratio	$EER_{DC,C}$		5,56
Parameters at rating point D			
Rated refrigeration capacity	P_D	[kW]	447,28
Rated power input	D_D	[kW]	77,10
Declared energy efficiency ratio	$EER_{DC,D}$		5,79
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-G05-Z /SL-CA /2652			
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]	-
Seasonal energy performance ratio	SEPR		5,25
Annual electricity consumption	Q	[kWh]	811874
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	581,00
Rated power input	D _A	[kW]	191,10
Rated energy efficiency ratio	EER _{DC,A}		3,04
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	542,27
Rated power input	D _B	[kW]	126,40
Declared energy efficiency ratio	EER _{DC,B}		4,28
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	503,53
Rated power input	D _C	[kW]	92,60
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	464,80
Rated power input	D _D	[kW]	81,10
Declared energy efficiency ratio	EER _{DC,D}		5,72
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,29
Annual electricity consumption	Q	[kWh]	851609
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	613,90
Rated power input	D _A	[kW]	206,00
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	572,97
Rated power input	D _B	[kW]	134,00
Declared energy efficiency ratio	EER _{DC,B}		4,27
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	532,05
Rated power input	D _C	[kW]	97,00
Declared energy efficiency ratio	EER _{DC,C}		5,47
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	491,12
Rated power input	D _D	[kW]	84,80
Declared energy efficiency ratio	EER _{DC,D}		5,78
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-G05-Z /SL-CA /2722			
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]	-
Seasonal energy performance ratio	SEPR		5,17
Annual electricity consumption	Q	[kWh]	962119
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	678,50
Rated power input	D _A	[kW]	223,20
Rated energy efficiency ratio	EER _{DC,A}		3,04
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	633,27
Rated power input	D _B	[kW]	150,60
Declared energy efficiency ratio	EER _{DC,B}		4,19
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	588,03
Rated power input	D _C	[kW]	109,40
Declared energy efficiency ratio	EER _{DC,C}		5,36
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	542,80
Rated power input	D _D	[kW]	96,10
Declared energy efficiency ratio	EER _{DC,D}		5,63
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-G05-Z /SL-CA /3152			
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]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	1051849
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	752,00
Rated power input	D _A	[kW]	249,00
Rated energy efficiency ratio	EER _{DC,A}		3,02
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	701,87
Rated power input	D _B	[kW]	163,60
Declared energy efficiency ratio	EER _{DC,B}		4,28
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	651,73
Rated power input	D _C	[kW]	119,40
Declared energy efficiency ratio	EER _{DC,C}		5,45
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	601,60
Rated power input	D _D	[kW]	105,70
Declared energy efficiency ratio	EER _{DC,D}		5,68
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,34
Annual electricity consumption	Q	[kWh]	1121057
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	816,70
Rated power input	D _A	[kW]	265,20
Rated energy efficiency ratio	EER _{DC,A}		3,08
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	762,25
Rated power input	D _B	[kW]	171,30
Declared energy efficiency ratio	EER _{DC,B}		4,44
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	707,81
Rated power input	D _C	[kW]	127,80
Declared energy efficiency ratio	EER _{DC,C}		5,52
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	653,36
Rated power input	D _D	[kW]	112,80
Declared energy efficiency ratio	EER _{DC,D}		5,78
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,34
Annual electricity consumption	Q	[kWh]	1229847
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	896,10
Rated power input	D _A	[kW]	288,10
Rated energy efficiency ratio	EER _{DC,A}		3,11
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	836,36
Rated power input	D _B	[kW]	188,70
Declared energy efficiency ratio	EER _{DC,B}		4,42
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	776,62
Rated power input	D _C	[kW]	140,30
Declared energy efficiency ratio	EER _{DC,C}		5,52
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	716,88
Rated power input	D _D	[kW]	123,50
Declared energy efficiency ratio	EER _{DC,D}		5,79
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,31
Annual electricity consumption	Q	[kWh]	1305680
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	944,50
Rated power input	D _A	[kW]	308,70
Rated energy efficiency ratio	EER _{DC,A}		3,06
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	881,53
Rated power input	D _B	[kW]	201,10
Declared energy efficiency ratio	EER _{DC,B}		4,37
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	818,57
Rated power input	D _C	[kW]	148,90
Declared energy efficiency ratio	EER _{DC,C}		5,48
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	755,60
Rated power input	D _D	[kW]	130,60
Declared energy efficiency ratio	EER _{DC,D}		5,76
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,31
Annual electricity consumption	Q	[kWh]	1404206
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1016,71
Rated power input	D _A	[kW]	330,20
Rated energy efficiency ratio	EER _{DC,A}		3,08
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	949,20
Rated power input	D _B	[kW]	218,20
Declared energy efficiency ratio	EER _{DC,B}		4,34
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	881,40
Rated power input	D _C	[kW]	160,40
Declared energy efficiency ratio	EER _{DC,C}		5,48
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	813,60
Rated power input	D _D	[kW]	140,20
Declared energy efficiency ratio	EER _{DC,D}		5,79
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-G05-Z /SL-CA /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]	-
Seasonal energy performance ratio	SEPR		5,34
Annual electricity consumption	Q	[kWh]	1485247
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1082,00
Rated power input	D _A	[kW]	351,30
Rated energy efficiency ratio	EER _{DC,A}		3,08
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1009,87
Rated power input	D _B	[kW]	230,10
Declared energy efficiency ratio	EER _{DC,B}		4,38
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	937,73
Rated power input	D _C	[kW]	169,50
Declared energy efficiency ratio	EER _{DC,C}		5,52
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	865,60
Rated power input	D _D	[kW]	148,50
Declared energy efficiency ratio	EER _{DC,D}		5,81
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-G05-Z /SL-CA /4822			
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]	-
Seasonal energy performance ratio	SEPR		5,30
Annual electricity consumption	Q	[kWh]	1604566
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1159,58
Rated power input	D _A	[kW]	388,00
Rated energy efficiency ratio	EER _{DC,A}		2,99
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1082,67
Rated power input	D _B	[kW]	254,10
Declared energy efficiency ratio	EER _{DC,B}		4,25
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1005,33
Rated power input	D _C	[kW]	182,00
Declared energy efficiency ratio	EER _{DC,C}		5,51
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	928,00
Rated power input	D _D	[kW]	159,90
Declared energy efficiency ratio	EER _{DC,D}		5,79
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-G05-Z /SL-CA /5412			
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]	-
Seasonal energy performance ratio	SEPR		5,33
Annual electricity consumption	Q	[kWh]	1672198
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1215,00
Rated power input	D _A	[kW]	405,00
Rated energy efficiency ratio	EER _{DC,A}		3,00
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1134,00
Rated power input	D _B	[kW]	267,30
Declared energy efficiency ratio	EER _{DC,B}		4,23
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1053,00
Rated power input	D _C	[kW]	189,00
Declared energy efficiency ratio	EER _{DC,C}		5,55
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	972,00
Rated power input	D _D	[kW]	166,20
Declared energy efficiency ratio	EER _{DC,D}		5,83
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-G05-Z /SL-CA /5703			
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]	-
Seasonal energy performance ratio	SEPR		5,31
Annual electricity consumption	Q	[kWh]	1803123
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P_A	[kW]	1306,00
Rated power input	D_A	[kW]	429,60
Rated energy efficiency ratio	$EER_{DC,A}$		3,04
Parameters at rating point B			
Rated refrigeration capacity	P_B	[kW]	1218,93
Rated power input	D_B	[kW]	275,70
Declared energy efficiency ratio	$EER_{DC,B}$		4,41
Parameters at rating point C			
Rated refrigeration capacity	P_C	[kW]	1131,87
Rated power input	D_C	[kW]	204,90
Declared energy efficiency ratio	$EER_{DC,C}$		5,51
Parameters at rating point D			
Rated refrigeration capacity	P_D	[kW]	1044,80
Rated power input	D_D	[kW]	181,80
Declared energy efficiency ratio	$EER_{DC,D}$		5,73
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-G05-Z /SL-CA /6303			
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]	-
Seasonal energy performance ratio	SEPR		5,36
Annual electricity consumption	Q	[kWh]	1970121
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1438,53
Rated power input	D _A	[kW]	482,90
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1343,07
Rated power input	D _B	[kW]	306,90
Declared energy efficiency ratio	EER _{DC,B}		4,37
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1247,13
Rated power input	D _C	[kW]	223,80
Declared energy efficiency ratio	EER _{DC,C}		5,56
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1151,20
Rated power input	D _D	[kW]	197,30
Declared energy efficiency ratio	EER _{DC,D}		5,82
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,39
Annual electricity consumption	Q	[kWh]	424858
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	312,07
Rated power input	D _A	[kW]	97,80
Rated energy efficiency ratio	EER _{DC,A}		3,19
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	291,29
Rated power input	D _B	[kW]	64,00
Declared energy efficiency ratio	EER _{DC,B}		4,54
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	270,49
Rated power input	D _C	[kW]	48,20
Declared energy efficiency ratio	EER _{DC,C}		5,60
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	249,68
Rated power input	D _D	[kW]	43,30
Declared energy efficiency ratio	EER _{DC,D}		5,76
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	477479
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	358,10
Rated power input	D _A	[kW]	111,20
Rated energy efficiency ratio	EER _{DC,A}		3,22
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	334,23
Rated power input	D _B	[kW]	74,90
Declared energy efficiency ratio	EER _{DC,B}		4,45
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	310,35
Rated power input	D _C	[kW]	55,00
Declared energy efficiency ratio	EER _{DC,C}		5,63
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	286,48
Rated power input	D _D	[kW]	47,20
Declared energy efficiency ratio	EER _{DC,D}		6,06
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	543199
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	408,10
Rated power input	D _A	[kW]	127,10
Rated energy efficiency ratio	EER _{DC,A}		3,21
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	380,89
Rated power input	D _B	[kW]	84,00
Declared energy efficiency ratio	EER _{DC,B}		4,52
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	353,69
Rated power input	D _C	[kW]	62,20
Declared energy efficiency ratio	EER _{DC,C}		5,68
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	326,48
Rated power input	D _D	[kW]	54,30
Declared energy efficiency ratio	EER _{DC,D}		6,00
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-G05-Z /SL-E /1922			
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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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	594625
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	446,20
Rated power input	D _A	[kW]	142,60
Rated energy efficiency ratio	EER _{DC,A}		3,13
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	416,45
Rated power input	D _B	[kW]	95,50
Declared energy efficiency ratio	EER _{DC,B}		4,35
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	386,71
Rated power input	D _C	[kW]	67,30
Declared energy efficiency ratio	EER _{DC,C}		5,73
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	356,96
Rated power input	D _D	[kW]	59,10
Declared energy efficiency ratio	EER _{DC,D}		6,03
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	703817
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	522,60
Rated power input	D _A	[kW]	161,80
Rated energy efficiency ratio	EER _{DC,A}		3,23
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	487,76
Rated power input	D _B	[kW]	107,20
Declared energy efficiency ratio	EER _{DC,B}		4,54
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	452,92
Rated power input	D _C	[kW]	79,20
Declared energy efficiency ratio	EER _{DC,C}		5,71
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	418,08
Rated power input	D _D	[kW]	71,90
Declared energy efficiency ratio	EER _{DC,D}		5,80
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	767524
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	566,90
Rated power input	D _A	[kW]	177,20
Rated energy efficiency ratio	EER _{DC,A}		3,20
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	529,11
Rated power input	D _B	[kW]	116,10
Declared energy efficiency ratio	EER _{DC,B}		4,55
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	491,31
Rated power input	D _C	[kW]	87,00
Declared energy efficiency ratio	EER _{DC,C}		5,63
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	453,52
Rated power input	D _D	[kW]	78,00
Declared energy efficiency ratio	EER _{DC,D}		5,80
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-G05-Z /SL-E /2652			
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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	814391
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	603,60
Rated power input	D _A	[kW]	188,00
Rated energy efficiency ratio	EER _{DC,A}		3,21
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	563,36
Rated power input	D _B	[kW]	124,50
Declared energy efficiency ratio	EER _{DC,B}		4,52
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	523,12
Rated power input	D _C	[kW]	92,90
Declared energy efficiency ratio	EER _{DC,C}		5,62
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	482,88
Rated power input	D _D	[kW]	82,10
Declared energy efficiency ratio	EER _{DC,D}		5,87
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	864354
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	640,00
Rated power input	D _A	[kW]	199,40
Rated energy efficiency ratio	EER _{DC,A}		3,21
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	597,33
Rated power input	D _B	[kW]	132,60
Declared energy efficiency ratio	EER _{DC,B}		4,49
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	554,67
Rated power input	D _C	[kW]	98,80
Declared energy efficiency ratio	EER _{DC,C}		5,60
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	512,00
Rated power input	D _D	[kW]	86,70
Declared energy efficiency ratio	EER _{DC,D}		5,89
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-G05-Z /SL-E /2722			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	938512
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	694,88
Rated power input	D _A	[kW]	222,70
Rated energy efficiency ratio	EER _{DC,A}		3,12
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	648,57
Rated power input	D _B	[kW]	148,10
Declared energy efficiency ratio	EER _{DC,B}		4,37
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	602,25
Rated power input	D _C	[kW]	106,30
Declared energy efficiency ratio	EER _{DC,C}		5,65
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	555,92
Rated power input	D _D	[kW]	93,90
Declared energy efficiency ratio	EER _{DC,D}		5,91
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-G05-Z /SL-E /3152			
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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	1044843
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	774,07
Rated power input	D _A	[kW]	246,50
Rated energy efficiency ratio	EER _{DC,A}		3,14
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	722,49
Rated power input	D _B	[kW]	163,10
Declared energy efficiency ratio	EER _{DC,B}		4,42
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	670,89
Rated power input	D _C	[kW]	119,00
Declared energy efficiency ratio	EER _{DC,C}		5,63
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	619,28
Rated power input	D _D	[kW]	104,60
Declared energy efficiency ratio	EER _{DC,D}		5,91
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	1130453
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	839,40
Rated power input	D _A	[kW]	266,50
Rated energy efficiency ratio	EER _{DC,A}		3,15
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	783,44
Rated power input	D _B	[kW]	173,70
Declared energy efficiency ratio	EER _{DC,B}		4,50
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	727,48
Rated power input	D _C	[kW]	128,90
Declared energy efficiency ratio	EER _{DC,C}		5,63
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	671,52
Rated power input	D _D	[kW]	113,50
Declared energy efficiency ratio	EER _{DC,D}		5,90
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	1233053
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	915,00
Rated power input	D _A	[kW]	289,60
Rated energy efficiency ratio	EER _{DC,A}		3,16
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	854,00
Rated power input	D _B	[kW]	190,00
Declared energy efficiency ratio	EER _{DC,B}		4,48
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	793,00
Rated power input	D _C	[kW]	140,60
Declared energy efficiency ratio	EER _{DC,C}		5,62
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	732,00
Rated power input	D _D	[kW]	123,50
Declared energy efficiency ratio	EER _{DC,D}		5,91
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	1308701
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	970,58
Rated power input	D _A	[kW]	311,10
Rated energy efficiency ratio	EER _{DC,A}		3,12
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	905,89
Rated power input	D _B	[kW]	201,90
Declared energy efficiency ratio	EER _{DC,B}		4,47
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	841,19
Rated power input	D _C	[kW]	149,30
Declared energy efficiency ratio	EER _{DC,C}		5,62
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	776,48
Rated power input	D _D	[kW]	131,00
Declared energy efficiency ratio	EER _{DC,D}		5,91
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	1398794
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1036,67
Rated power input	D _A	[kW]	331,30
Rated energy efficiency ratio	EER _{DC,A}		3,13
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	967,87
Rated power input	D _B	[kW]	219,30
Declared energy efficiency ratio	EER _{DC,B}		4,40
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	898,73
Rated power input	D _C	[kW]	159,90
Declared energy efficiency ratio	EER _{DC,C}		5,61
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	829,60
Rated power input	D _D	[kW]	139,10
Declared energy efficiency ratio	EER _{DC,D}		5,95
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-G05-Z /SL-E /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]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	1489599
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1104,00
Rated power input	D _A	[kW]	352,70
Rated energy efficiency ratio	EER _{DC,A}		3,13
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1030,40
Rated power input	D _B	[kW]	228,60
Declared energy efficiency ratio	EER _{DC,B}		4,49
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	956,80
Rated power input	D _C	[kW]	169,80
Declared energy efficiency ratio	EER _{DC,C}		5,62
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	883,20
Rated power input	D _D	[kW]	149,40
Declared energy efficiency ratio	EER _{DC,D}		5,89
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-G05-Z /SL-E /4822			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	1621018
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1202,00
Rated power input	D _A	[kW]	391,50
Rated energy efficiency ratio	EER _{DC,A}		3,07
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1121,87
Rated power input	D _B	[kW]	255,20
Declared energy efficiency ratio	EER _{DC,B}		4,38
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1041,73
Rated power input	D _C	[kW]	183,20
Declared energy efficiency ratio	EER _{DC,C}		5,67
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	961,60
Rated power input	D _D	[kW]	162,30
Declared energy efficiency ratio	EER _{DC,D}		5,91
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-G05-Z /SL-E /5412			
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]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	1695378
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1256,69
Rated power input	D _A	[kW]	409,40
Rated energy efficiency ratio	EER _{DC,A}		3,07
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1173,20
Rated power input	D _B	[kW]	270,60
Declared energy efficiency ratio	EER _{DC,B}		4,32
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1089,40
Rated power input	D _C	[kW]	191,70
Declared energy efficiency ratio	EER _{DC,C}		5,67
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1005,60
Rated power input	D _D	[kW]	168,80
Declared energy efficiency ratio	EER _{DC,D}		5,94
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,07
Annual electricity consumption	Q	[kWh]	416169
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	287,80
Rated power input	D _A	[kW]	106,20
Rated energy efficiency ratio	EER _{DC,A}		2,71
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	268,61
Rated power input	D _B	[kW]	66,20
Declared energy efficiency ratio	EER _{DC,B}		4,05
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	249,43
Rated power input	D _C	[kW]	47,00
Declared energy efficiency ratio	EER _{DC,C}		5,29
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	230,24
Rated power input	D _D	[kW]	41,50
Declared energy efficiency ratio	EER _{DC,D}		5,54
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,17
Annual electricity consumption	Q	[kWh]	472012
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	332,48
Rated power input	D _A	[kW]	118,80
Rated energy efficiency ratio	EER _{DC,A}		2,80
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	310,33
Rated power input	D _B	[kW]	74,90
Declared energy efficiency ratio	EER _{DC,B}		4,14
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	288,17
Rated power input	D _C	[kW]	53,60
Declared energy efficiency ratio	EER _{DC,C}		5,37
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	266,00
Rated power input	D _D	[kW]	47,00
Declared energy efficiency ratio	EER _{DC,D}		5,65
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-G05-Z /SL-K /1902			
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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]	-
Seasonal energy performance ratio	SEPR		5,29
Annual electricity consumption	Q	[kWh]	527290
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	380,49
Rated power input	D _A	[kW]	132,10
Rated energy efficiency ratio	EER _{DC,A}		2,88
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	355,13
Rated power input	D _B	[kW]	84,30
Declared energy efficiency ratio	EER _{DC,B}		4,20
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	329,77
Rated power input	D _C	[kW]	60,10
Declared energy efficiency ratio	EER _{DC,C}		5,48
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	304,40
Rated power input	D _D	[kW]	52,10
Declared energy efficiency ratio	EER _{DC,D}		5,83
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-G05-Z /SL-K /1922			
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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]	-
Seasonal energy performance ratio	SEPR		5,11
Annual electricity consumption	Q	[kWh]	598517
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	417,30
Rated power input	D _A	[kW]	153,40
Rated energy efficiency ratio	EER _{DC,A}		2,72
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	389,48
Rated power input	D _B	[kW]	98,60
Declared energy efficiency ratio	EER _{DC,B}		3,94
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	361,66
Rated power input	D _C	[kW]	67,40
Declared energy efficiency ratio	EER _{DC,C}		5,35
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	333,84
Rated power input	D _D	[kW]	58,90
Declared energy efficiency ratio	EER _{DC,D}		5,65
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,09
Annual electricity consumption	Q	[kWh]	684250
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	474,70
Rated power input	D _A	[kW]	169,50
Rated energy efficiency ratio	EER _{DC,A}		2,80
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	443,05
Rated power input	D _B	[kW]	109,50
Declared energy efficiency ratio	EER _{DC,B}		4,04
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	411,41
Rated power input	D _C	[kW]	77,50
Declared energy efficiency ratio	EER _{DC,C}		5,30
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	379,76
Rated power input	D _D	[kW]	68,10
Declared energy efficiency ratio	EER _{DC,D}		5,57
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,11
Annual electricity consumption	Q	[kWh]	742760
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	517,00
Rated power input	D _A	[kW]	183,30
Rated energy efficiency ratio	EER _{DC,A}		2,82
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	482,53
Rated power input	D _B	[kW]	116,20
Declared energy efficiency ratio	EER _{DC,B}		4,14
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	448,07
Rated power input	D _C	[kW]	84,10
Declared energy efficiency ratio	EER _{DC,C}		5,32
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	413,60
Rated power input	D _D	[kW]	74,40
Declared energy efficiency ratio	EER _{DC,D}		5,54
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-G05-Z /SL-K /2652			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,16
Annual electricity consumption	Q	[kWh]	788215
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	554,40
Rated power input	D _A	[kW]	201,60
Rated energy efficiency ratio	EER _{DC,A}		2,75
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	517,44
Rated power input	D _B	[kW]	125,50
Declared energy efficiency ratio	EER _{DC,B}		4,11
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	480,48
Rated power input	D _C	[kW]	89,20
Declared energy efficiency ratio	EER _{DC,C}		5,37
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	443,52
Rated power input	D _D	[kW]	78,30
Declared energy efficiency ratio	EER _{DC,D}		5,65
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,23
Annual electricity consumption	Q	[kWh]	809343
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	576,77
Rated power input	D _A	[kW]	217,70
Rated energy efficiency ratio	EER _{DC,A}		2,65
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	538,35
Rated power input	D _B	[kW]	128,40
Declared energy efficiency ratio	EER _{DC,B}		4,18
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	499,89
Rated power input	D _C	[kW]	91,20
Declared energy efficiency ratio	EER _{DC,C}		5,46
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	461,44
Rated power input	D _D	[kW]	80,60
Declared energy efficiency ratio	EER _{DC,D}		5,71
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-G05-Z /SL-K /2722			
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]	-
Seasonal energy performance ratio	SEPR		5,11
Annual electricity consumption	Q	[kWh]	948737
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	661,18
Rated power input	D _A	[kW]	234,50
Rated energy efficiency ratio	EER _{DC,A}		2,82
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	617,12
Rated power input	D _B	[kW]	152,90
Declared energy efficiency ratio	EER _{DC,B}		4,02
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	573,04
Rated power input	D _C	[kW]	107,30
Declared energy efficiency ratio	EER _{DC,C}		5,33
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	528,96
Rated power input	D _D	[kW]	94,10
Declared energy efficiency ratio	EER _{DC,D}		5,61
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-G05-Z /SL-K /3152			
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]	-
Seasonal energy performance ratio	SEPR		5,16
Annual electricity consumption	Q	[kWh]	1015656
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	714,10
Rated power input	D _A	[kW]	259,70
Rated energy efficiency ratio	EER _{DC,A}		2,75
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	666,49
Rated power input	D _B	[kW]	159,70
Declared energy efficiency ratio	EER _{DC,B}		4,16
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	618,89
Rated power input	D _C	[kW]	114,40
Declared energy efficiency ratio	EER _{DC,C}		5,40
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	571,28
Rated power input	D _D	[kW]	101,80
Declared energy efficiency ratio	EER _{DC,D}		5,59
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,25
Annual electricity consumption	Q	[kWh]	1073256
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	768,58
Rated power input	D _A	[kW]	285,70
Rated energy efficiency ratio	EER _{DC,A}		2,69
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	717,36
Rated power input	D _B	[kW]	173,00
Declared energy efficiency ratio	EER _{DC,B}		4,13
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	666,12
Rated power input	D _C	[kW]	121,00
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	614,88
Rated power input	D _D	[kW]	106,40
Declared energy efficiency ratio	EER _{DC,D}		5,77
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,26
Annual electricity consumption	Q	[kWh]	1165990
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	836,20
Rated power input	D _A	[kW]	309,70
Rated energy efficiency ratio	EER _{DC,A}		2,70
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	780,45
Rated power input	D _B	[kW]	185,40
Declared energy efficiency ratio	EER _{DC,B}		4,20
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	724,71
Rated power input	D _C	[kW]	131,80
Declared energy efficiency ratio	EER _{DC,C}		5,48
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	668,96
Rated power input	D _D	[kW]	115,80
Declared energy efficiency ratio	EER _{DC,D}		5,76
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	1246985
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	889,99
Rated power input	D _A	[kW]	330,90
Rated energy efficiency ratio	EER _{DC,A}		2,69
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	830,67
Rated power input	D _B	[kW]	196,70
Declared energy efficiency ratio	EER _{DC,B}		4,21
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	771,33
Rated power input	D _C	[kW]	141,20
Declared energy efficiency ratio	EER _{DC,C}		5,45
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	712,00
Rated power input	D _D	[kW]	124,10
Declared energy efficiency ratio	EER _{DC,D}		5,72
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,23
Annual electricity consumption	Q	[kWh]	1349560
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	962,05
Rated power input	D _A	[kW]	352,40
Rated energy efficiency ratio	EER _{DC,A}		2,73
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	897,96
Rated power input	D _B	[kW]	211,80
Declared energy efficiency ratio	EER _{DC,B}		4,23
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	833,82
Rated power input	D _C	[kW]	152,90
Declared energy efficiency ratio	EER _{DC,C}		5,44
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	769,68
Rated power input	D _D	[kW]	134,60
Declared energy efficiency ratio	EER _{DC,D}		5,70
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,22
Annual electricity consumption	Q	[kWh]	1429984
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1017,70
Rated power input	D _A	[kW]	371,50
Rated energy efficiency ratio	EER _{DC,A}		2,74
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	950,13
Rated power input	D _B	[kW]	224,10
Declared energy efficiency ratio	EER _{DC,B}		4,23
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	882,27
Rated power input	D _C	[kW]	162,10
Declared energy efficiency ratio	EER _{DC,C}		5,43
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	814,40
Rated power input	D _D	[kW]	142,80
Declared energy efficiency ratio	EER _{DC,D}		5,69
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-G05-Z /SL-K /4812			
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]	-
Seasonal energy performance ratio	SEPR		5,21
Annual electricity consumption	Q	[kWh]	1476492
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1048,00
Rated power input	D _A	[kW]	358,90
Rated energy efficiency ratio	EER _{DC,A}		2,92
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	978,13
Rated power input	D _B	[kW]	231,00
Declared energy efficiency ratio	EER _{DC,B}		4,22
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	908,27
Rated power input	D _C	[kW]	168,10
Declared energy efficiency ratio	EER _{DC,C}		5,39
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	838,40
Rated power input	D _D	[kW]	147,30
Declared energy efficiency ratio	EER _{DC,D}		5,68
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-G05-Z /SL-K /4822			
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]	-
Seasonal energy performance ratio	SEPR		5,14
Annual electricity consumption	Q	[kWh]	1618098
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1132,87
Rated power input	D _A	[kW]	401,80
Rated energy efficiency ratio	EER _{DC,A}		2,82
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1057,47
Rated power input	D _B	[kW]	258,50
Declared energy efficiency ratio	EER _{DC,B}		4,08
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	981,93
Rated power input	D _C	[kW]	182,80
Declared energy efficiency ratio	EER _{DC,C}		5,35
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	906,40
Rated power input	D _D	[kW]	160,70
Declared energy efficiency ratio	EER _{DC,D}		5,62
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-G05-Z /SL-K /5412			
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]	-
Seasonal energy performance ratio	SEPR		5,19
Annual electricity consumption	Q	[kWh]	1648526
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1165,53
Rated power input	D _A	[kW]	428,70
Rated energy efficiency ratio	EER _{DC,A}		2,72
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1088,27
Rated power input	D _B	[kW]	271,40
Declared energy efficiency ratio	EER _{DC,B}		4,00
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1010,53
Rated power input	D _C	[kW]	185,70
Declared energy efficiency ratio	EER _{DC,C}		5,43
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	932,80
Rated power input	D _D	[kW]	162,30
Declared energy efficiency ratio	EER _{DC,D}		5,73
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-G05-Z /SL-K /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]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	1656937
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1190,00
Rated power input	D _A	[kW]	454,20
Rated energy efficiency ratio	EER _{DC,A}		2,62
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1110,67
Rated power input	D _B	[kW]	275,40
Declared energy efficiency ratio	EER _{DC,B}		4,02
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1031,33
Rated power input	D _C	[kW]	185,50
Declared energy efficiency ratio	EER _{DC,C}		5,55
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	952,00
Rated power input	D _D	[kW]	163,10
Declared energy efficiency ratio	EER _{DC,D}		5,82
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-G05-Z /SL-K /6022			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,20
Annual electricity consumption	Q	[kWh]	1811891
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1284,53
Rated power input	D _A	[kW]	483,10
Rated energy efficiency ratio	EER _{DC,A}		2,66
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1199,33
Rated power input	D _B	[kW]	309,20
Declared energy efficiency ratio	EER _{DC,B}		3,87
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1113,67
Rated power input	D _C	[kW]	202,50
Declared energy efficiency ratio	EER _{DC,C}		5,49
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1028,00
Rated power input	D _D	[kW]	177,10
Declared energy efficiency ratio	EER _{DC,D}		5,79
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-G05-Z /SL-K /6303			
-			
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]	-
Seasonal energy performance ratio	SEPR		5,22
Annual electricity consumption	Q	[kWh]	1889818
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1346,00
Rated power input	D _A	[kW]	498,50
Rated energy efficiency ratio	EER _{DC,A}		2,70
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1256,27
Rated power input	D _B	[kW]	296,00
Declared energy efficiency ratio	EER _{DC,B}		4,23
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1166,53
Rated power input	D _C	[kW]	214,10
Declared energy efficiency ratio	EER _{DC,C}		5,44
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1076,80
Rated power input	D _D	[kW]	188,90
Declared energy efficiency ratio	EER _{DC,D}		5,69
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-G05-Z /SL-K /6903			
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]	-
Seasonal energy performance ratio	SEPR		5,21
Annual electricity consumption	Q	[kWh]	2053621
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1458,00
Rated power input	D _A	[kW]	536,00
Rated energy efficiency ratio	EER _{DC,A}		2,72
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1360,80
Rated power input	D _B	[kW]	320,20
Declared energy efficiency ratio	EER _{DC,B}		4,24
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1263,60
Rated power input	D _C	[kW]	232,50
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1166,40
Rated power input	D _D	[kW]	205,40
Declared energy efficiency ratio	EER _{DC,D}		5,66
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-G05-Z /SL-K /7203			
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]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	2135585
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1525,95
Rated power input	D _A	[kW]	567,30
Rated energy efficiency ratio	EER _{DC,A}		2,69
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1424,27
Rated power input	D _B	[kW]	335,20
Declared energy efficiency ratio	EER _{DC,B}		4,24
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1322,53
Rated power input	D _C	[kW]	241,60
Declared energy efficiency ratio	EER _{DC,C}		5,46
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1220,80
Rated power input	D _D	[kW]	213,40
Declared energy efficiency ratio	EER _{DC,D}		5,71
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-G05-Z /SL-K /7213			
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]	-
Seasonal energy performance ratio	SEPR		5,17
Annual electricity consumption	Q	[kWh]	2253816
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1590,00
Rated power input	D _A	[kW]	611,50
Rated energy efficiency ratio	EER _{DC,A}		2,60
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1484,00
Rated power input	D _B	[kW]	360,90
Declared energy efficiency ratio	EER _{DC,B}		4,10
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1378,00
Rated power input	D _C	[kW]	253,40
Declared energy efficiency ratio	EER _{DC,C}		5,42
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1272,00
Rated power input	D _D	[kW]	224,40
Declared energy efficiency ratio	EER _{DC,D}		5,66
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-G05-Z /SL-K /7223			
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]	-
Seasonal energy performance ratio	SEPR		5,15
Annual electricity consumption	Q	[kWh]	2343016
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1643,77
Rated power input	D _A	[kW]	639,70
Rated energy efficiency ratio	EER _{DC,A}		2,57
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1534,40
Rated power input	D _B	[kW]	381,80
Declared energy efficiency ratio	EER _{DC,B}		4,01
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	1424,80
Rated power input	D _C	[kW]	262,60
Declared energy efficiency ratio	EER _{DC,C}		5,41
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	1315,20
Rated power input	D _D	[kW]	232,30
Declared energy efficiency ratio	EER _{DC,D}		5,65
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

ENGLISH	ITALIANO	FRANCAISE	DEUTSCH	ESPAÑOL
Type of condensing	Tipo di condensazione	Type de condensation	Art der Verflüssigung	Tipo de condensación
Refrigerant fluid(s)	Fluido(i) refrigerante(i)	Fluide(s) frigorigène(s)	Kältemittel	Fluido o fluidos refrigerantes
Type	Tipo	Type	Bauart	Tipo
Operating temperature	Temperatura di esercizio	Température de service	Betriebstemperatur	Temperatura de funcionamiento
Seasonal energy performance ratio	Indice di prestazione energetica stagionale	Ratio de performance énergétique saisonnier	Jahresarbeitszahl	Factor de rendimiento energético estacional
Annual electricity consumption	Consumo annuo di energia elettrica	Consommation annuelle d'électricité	Jahresstromverbrauch	Consumo anual de electricidad
Parameters at full load and reference ambient temperature at rating point A	Parametri a pieno carico e alla temperatura ambiente al punto di valutazione A	Paramètres à pleine charge et à la température ambiante de référence au point d'évaluation A	Parameter bei Volllast und Bezugsumgebungstemperatur am Bewertungspunkt A	Parámetros a plena carga y a temperatura ambiente de referencia en el punto de clasificación A
Rated refrigeration capacity	Capacità dichiarata di refrigerazione	Puissance de réfrigération nominale	Nennkälteleistung	Potencia nominal de refrigeración
Rated power input	Potenza nominale assorbita	Puissance absorbée nominale	Nennleistungsaufnahme	Potencia utilizada nominal
Rated energy efficiency ratio	Indice di efficienza energetica nominale	Coefficient d'efficacité énergétique nominal	Nennleistungszahl	Factor de eficiencia energética nominal
Parameters at rating point B	Parametri al punto di valutazione B	Paramètres au point d'évaluation B	Parameter am Bewertungspunkt B	Parámetros en el punto de clasificación B
Rated refrigeration capacity	Capacità dichiarata di refrigerazione	Puissance de réfrigération nominale	Nennkälteleistung	Potencia nominal de refrigeración
Rated power input	Potenza nominale assorbita	Puissance absorbée nominale	Nennleistungsaufnahme	Potencia utilizada nominal
Declared energy efficiency ratio	Indice di efficienza energetica dichiarato	Coefficient d'efficacité énergétique déclaré	Nennleistungszahl	Factor de eficiencia energética nominal
Parameters at rating point C	Parametri al punto di valutazione C	Paramètres au point d'évaluation C	Parameter am Bewertungspunkt C	Parámetros en el punto de clasificación C
Rated refrigeration capacity	Capacità dichiarata di refrigerazione	Puissance de réfrigération nominale	Nennkälteleistung	Potencia nominal de refrigeración
Rated power input	Potenza nominale assorbita	Puissance absorbée nominale	Nennleistungsaufnahme	Potencia utilizada nominal
Declared energy efficiency ratio	Indice di efficienza energetica dichiarato	Coefficient d'efficacité énergétique déclaré	Nennleistungszahl	Factor de eficiencia energética nominal
Parameters at rating point D	Parametri al punto di valutazione D	Paramètres au point d'évaluation D	Parameter am Bewertungspunkt D	Parámetros en el punto de clasificación D
Rated refrigeration capacity	Capacità dichiarata di refrigerazione	Puissance de réfrigération nominale	Nennkälteleistung	Potencia nominal de refrigeración
Rated power input	Potenza nominale assorbita	Puissance absorbée nominale	Nennleistungsaufnahme	Potencia utilizada nominal
Declared energy efficiency ratio	Indice di efficienza energetica dichiarato	Coefficient d'efficacité énergétique déclaré	Nennleistungszahl	Factor de eficiencia energética nominal
Other items	Altri elementi	Autres caractéristiques	Sonstige Produktdaten	Otros elementos
Capacity control	Dispositivo di controllo della capacità	Régulation de la puissance	Leistungsregelung	Control de la potencia
Degradation coefficient for chillers	Coefficiente di degradazione per i refrigeratori	Coefficient de dégradation pour les refroidisseurs	Minderungsfaktor von Kühlern	Coefficiente de degradación de las enfriadoras
Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj	Indice di efficienza energetica dichiarato o efficienza dell'uso del gas/fattore di energia ausiliaria a carico parziale alle temperature esterne date Tj	Coefficient d'efficacité énergétique déclaré ou rendement de la consommation de gaz/indice énergétique auxiliaire à charge partielle pour des températures extérieures données Tj	Angegebene Leistungszahl oder Gaswirkungsgrad/Hilfsenergiefaktor bei Teillast und bestimmten Außentemperaturen Tj	Factor de eficiencia energética declarado o eficiencia del uso de gas o factor de energía auxiliar para carga parcial a las temperaturas exteriores dadas Tj
GWP of the refrigerant	GWP del refrigerante	PRP du fluide frigorigène	Treibhausgaspotenzial des Kältemittels	PCA del refrigerante
Notes:	Note:	Remarques:	Hinweise:	Notas:
The parameters are declared for application at medium temperature, except in the case of low temperature heat pumps. For low temperature heat pumps, the parameters are declared for application at low temperature.	I parametri sono dichiarati per l'applicazione a temperatura media, tranne per le pompe di calore a bassa temperatura. Per le pompe di calore a bassa temperatura, i parametri sono dichiarati per l'applicazione a bassa temperatura.	Les paramètres sont déclarés pour l'application à moyenne température, excepté pour les pompes à chaleur basse température. Pour les pompes à chaleur basse température, les paramètres sont déclarés pour l'application à basse température.	Die Parameter sind für eine Mitteltemperaturanwendung anzugeben, außer für Niedertemperatur-Wärmepumpen. Für Niedertemperatur-Wärmepumpen sind die Parameter für eine Niedertemperaturanwendung anzugeben.	Los parámetros se declararán para aplicaciones de media temperatura, excepto si se trata de bombas de calor de baja temperatura. En el caso de las bombas de calor de baja temperatura, los parámetros se declararán para aplicaciones de baja temperatura.
Unit in standard configuration/execution, without optional accessories.	Unità in configurazione ed esecuzione standard, priva di accessori opzionali.	Unité en configuration et exécution standard, sans accessoires optionnels.	Gerät mit Standard-Konfiguration und -Ausführung, ohne wunschweises Zubehör.	Unidad en configuración y ejecución estándar, sin accesorios opcionales.



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.



mitsubishi electric hydronics & it cooling systems S.p.A.

Head Office: Via Roma 5 - 27010 Valle Salimbene (PV) - Italy

Tel +39 (0) 382 433 811 - Fax +39 (0) 382 587 148

www.rcitcooling.com

www.melcohit.com