

Climaveneta Technical Documentation
FX-FC-G05-Y_1502_6002_201902_EN

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

Ecodesign requirements for process chillers

AIR COOLED CHILLERS - FREECOOLING

FX-FC-G05-Y 1502 - 6002

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

EN



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

1.1 Scope of the document

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

1.2 REGULATION (UE) N. 2016/2281 description

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

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

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

2. CLIMAVENETA CONTENTS UNIT

2.1 Table index

AIR COOLED CHILLERS - FREECOOLING

FX-FC-G05-Y 1502 - 6002

Cooling Capacity Range 288 - 1240 [kW]

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

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		4202	4502	4502	4802	4802	
		5402	5402	6002	6002		

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

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

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

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

FX-FC-G05-Y /NG /SL-T+ /1702			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	452509
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	325,70
Rated power input	D _A	[kW]	110,00
Rated energy efficiency ratio	EER _{DC,A}		2,96
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	303,99
Rated power input	D _B	[kW]	79,51
Declared energy efficiency ratio	EER _{DC,B}		3,82
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	282,27
Rated power input	D _C	[kW]	59,61
Declared energy efficiency ratio	EER _{DC,C}		4,74
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	260,56
Rated power input	D _D	[kW]	37,54
Declared energy efficiency ratio	EER _{DC,D}		6,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /SL-T+ /1702			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,71
Annual electricity consumption	Q	[kWh]	419365
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	326,70
Rated power input	D _A	[kW]	109,30
Rated energy efficiency ratio	EER _{DC,A}		2,99
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	304,92
Rated power input	D _B	[kW]	78,91
Declared energy efficiency ratio	EER _{DC,B}		3,86
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	283,14
Rated power input	D _C	[kW]	59,01
Declared energy efficiency ratio	EER _{DC,C}		4,80
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	261,36
Rated power input	D _D	[kW]	31,25
Declared energy efficiency ratio	EER _{DC,D}		8,37
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant			[Kg CO2eq] 631

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

FX-FC-G05-Y /NG /SL-T+ /1902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	488163
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	372,10
Rated power input	D _A	[kW]	128,30
Rated energy efficiency ratio	EER _{DC,A}		2,90
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	347,29
Rated power input	D _B	[kW]	86,61
Declared energy efficiency ratio	EER _{DC,B}		4,01
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	322,49
Rated power input	D _C	[kW]	62,61
Declared energy efficiency ratio	EER _{DC,C}		5,15
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	297,68
Rated power input	D _D	[kW]	41,26
Declared energy efficiency ratio	EER _{DC,D}		7,21
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /SL-T+ /1902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,08
Annual electricity consumption	Q	[kWh]	450113
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	373,10
Rated power input	D _A	[kW]	127,30
Rated energy efficiency ratio	EER _{DC,A}		2,93
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	348,23
Rated power input	D _B	[kW]	86,01
Declared energy efficiency ratio	EER _{DC,B}		4,05
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	323,35
Rated power input	D _C	[kW]	62,01
Declared energy efficiency ratio	EER _{DC,C}		5,22
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	298,48
Rated power input	D _D	[kW]	33,89
Declared energy efficiency ratio	EER _{DC,D}		8,81
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /SL-T+ /2002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,62
Annual electricity consumption	Q	[kWh]	542218
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	415,70
Rated power input	D _A	[kW]	144,80
Rated energy efficiency ratio	EER _{DC,A}		2,87
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	387,99
Rated power input	D _B	[kW]	96,77
Declared energy efficiency ratio	EER _{DC,B}		4,01
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	360,27
Rated power input	D _C	[kW]	69,87
Declared energy efficiency ratio	EER _{DC,C}		5,16
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	332,56
Rated power input	D _D	[kW]	45,46
Declared energy efficiency ratio	EER _{DC,D}		7,32
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /SL-T+ /2002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,12
Annual electricity consumption	Q	[kWh]	499888
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	416,87
Rated power input	D _A	[kW]	143,80
Rated energy efficiency ratio	EER _{DC,A}		2,90
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	389,11
Rated power input	D _B	[kW]	96,07
Declared energy efficiency ratio	EER _{DC,B}		4,05
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	361,31
Rated power input	D _C	[kW]	69,17
Declared energy efficiency ratio	EER _{DC,C}		5,22
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	333,52
Rated power input	D _D	[kW]	37,30
Declared energy efficiency ratio	EER _{DC,D}		8,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

FX-FC-G05-Y /SL-T+ /2202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,07
Annual electricity consumption	Q	[kWh]	552933
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	457,50
Rated power input	D _A	[kW]	156,70
Rated energy efficiency ratio	EER _{DC,A}		2,92
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	427,00
Rated power input	D _B	[kW]	107,57
Declared energy efficiency ratio	EER _{DC,B}		3,97
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	396,50
Rated power input	D _C	[kW]	76,77
Declared energy efficiency ratio	EER _{DC,C}		5,16
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	366,00
Rated power input	D _D	[kW]	40,87
Declared energy efficiency ratio	EER _{DC,D}		8,96
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /SL-T+ /2602			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	728887
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	545,58
Rated power input	D _A	[kW]	186,20
Rated energy efficiency ratio	EER _{DC,A}		2,93
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	509,23
Rated power input	D _B	[kW]	124,36
Declared energy efficiency ratio	EER _{DC,B}		4,09
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	472,85
Rated power input	D _C	[kW]	89,06
Declared energy efficiency ratio	EER _{DC,C}		5,31
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	436,48
Rated power input	D _D	[kW]	65,89
Declared energy efficiency ratio	EER _{DC,D}		6,62
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

FX-FC-G05-Y /NG /SL-T+ /2702			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	778147
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	573,90
Rated power input	D _A	[kW]	205,70
Rated energy efficiency ratio	EER _{DC,A}		2,79
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	535,64
Rated power input	D _B	[kW]	136,46
Declared energy efficiency ratio	EER _{DC,B}		3,92
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	497,38
Rated power input	D _C	[kW]	98,56
Declared energy efficiency ratio	EER _{DC,C}		5,05
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	459,12
Rated power input	D _D	[kW]	66,94
Declared energy efficiency ratio	EER _{DC,D}		6,86
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

FX-FC-G05-Y /NG /SL-T+ /3002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	834203
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	623,18
Rated power input	D _A	[kW]	214,90
Rated energy efficiency ratio	EER _{DC,A}		2,90
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	581,65
Rated power input	D _B	[kW]	144,49
Declared energy efficiency ratio	EER _{DC,B}		4,03
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	540,11
Rated power input	D _C	[kW]	105,79
Declared energy efficiency ratio	EER _{DC,C}		5,11
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	498,56
Rated power input	D _D	[kW]	72,18
Declared energy efficiency ratio	EER _{DC,D}		6,91
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /SL-T+ /3002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,07
Annual electricity consumption	Q	[kWh]	755605
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	625,16
Rated power input	D _A	[kW]	212,70
Rated energy efficiency ratio	EER _{DC,A}		2,94
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	583,52
Rated power input	D _B	[kW]	143,09
Declared energy efficiency ratio	EER _{DC,B}		4,08
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	541,84
Rated power input	D _C	[kW]	104,39
Declared energy efficiency ratio	EER _{DC,C}		5,19
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	500,16
Rated power input	D _D	[kW]	56,99
Declared energy efficiency ratio	EER _{DC,D}		8,78
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

FX-FC-G05-Y /SL-T+ /3202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,10
Annual electricity consumption	Q	[kWh]	786847
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	653,70
Rated power input	D _A	[kW]	231,80
Rated energy efficiency ratio	EER _{DC,A}		2,82
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	610,12
Rated power input	D _B	[kW]	152,29
Declared energy efficiency ratio	EER _{DC,B}		4,01
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	566,54
Rated power input	D _C	[kW]	109,19
Declared energy efficiency ratio	EER _{DC,C}		5,19
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	522,96
Rated power input	D _D	[kW]	58,23
Declared energy efficiency ratio	EER _{DC,D}		8,98
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

FX-FC-G05-Y /SL-T+ /3402			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,90
Annual electricity consumption	Q	[kWh]	857089
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	689,65
Rated power input	D _A	[kW]	255,40
Rated energy efficiency ratio	EER _{DC,A}		2,70
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	643,72
Rated power input	D _B	[kW]	166,00
Declared energy efficiency ratio	EER _{DC,B}		3,88
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	597,74
Rated power input	D _C	[kW]	116,50
Declared energy efficiency ratio	EER _{DC,C}		5,13
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	551,76
Rated power input	D _D	[kW]	64,81
Declared energy efficiency ratio	EER _{DC,D}		8,51
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /SL-T+ /3602			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,39
Annual electricity consumption	Q	[kWh]	1043336
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	766,80
Rated power input	D _A	[kW]	271,90
Rated energy efficiency ratio	EER _{DC,A}		2,82
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	715,68
Rated power input	D _B	[kW]	182,20
Declared energy efficiency ratio	EER _{DC,B}		3,93
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	664,56
Rated power input	D _C	[kW]	129,90
Declared energy efficiency ratio	EER _{DC,C}		5,12
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	613,44
Rated power input	D _D	[kW]	91,54
Declared energy efficiency ratio	EER _{DC,D}		6,70
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

FX-FC-G05-Y /NG /SL-T+ /3902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,28
Annual electricity consumption	Q	[kWh]	1135965
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	817,50
Rated power input	D _A	[kW]	294,10
Rated energy efficiency ratio	EER _{DC,A}		2,78
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	763,00
Rated power input	D _B	[kW]	197,10
Declared energy efficiency ratio	EER _{DC,B}		3,87
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	708,50
Rated power input	D _C	[kW]	142,10
Declared energy efficiency ratio	EER _{DC,C}		4,99
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	654,00
Rated power input	D _D	[kW]	99,53
Declared energy efficiency ratio	EER _{DC,D}		6,57
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

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

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

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

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

FX-FC-G05-Y /NG /SL-T+ /4502			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,37
Annual electricity consumption	Q	[kWh]	131 1407
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	959,70
Rated power input	D _A	[kW]	333,20
Rated energy efficiency ratio	EER _{DC,A}		2,88
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	895,72
Rated power input	D _B	[kW]	226,71
Declared energy efficiency ratio	EER _{DC,B}		3,95
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	831,74
Rated power input	D _C	[kW]	166,01
Declared energy efficiency ratio	EER _{DC,C}		5,01
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	767,76
Rated power input	D _D	[kW]	113,84
Declared energy efficiency ratio	EER _{DC,D}		6,74
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant			[Kg CO ₂ eq] 631

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

FX-FC-G05-Y /SL-T+ /4502			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,99
Annual electricity consumption	Q	[kWh]	1179863
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	962,69
Rated power input	D _A	[kW]	329,70
Rated energy efficiency ratio	EER _{DC,A}		2,92
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	898,52
Rated power input	D _B	[kW]	225,21
Declared energy efficiency ratio	EER _{DC,B}		3,99
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	834,34
Rated power input	D _C	[kW]	164,21
Declared energy efficiency ratio	EER _{DC,C}		5,08
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	770,16
Rated power input	D _D	[kW]	87,95
Declared energy efficiency ratio	EER _{DC,D}		8,76
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

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

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

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

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

FX-FC-G05-Y /SL-T+ /5402			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,91
Annual electricity consumption	Q	[kWh]	1407582
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	1133,00
Rated power input	D _A	[kW]	413,50
Rated energy efficiency ratio	EER _{DC,A}		2,74
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	1057,47
Rated power input	D _B	[kW]	271,66
Declared energy efficiency ratio	EER _{DC,B}		3,89
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	981,93
Rated power input	D _C	[kW]	193,76
Declared energy efficiency ratio	EER _{DC,C}		5,07
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	906,40
Rated power input	D _D	[kW]	105,24
Declared energy efficiency ratio	EER _{DC,D}		8,61
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /T+ /1502			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,41
Annual electricity consumption	Q	[kWh]	395906
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	291,99
Rated power input	D _A	[kW]	98,30
Rated energy efficiency ratio	EER _{DC,A}		2,97
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	272,53
Rated power input	D _B	[kW]	69,80
Declared energy efficiency ratio	EER _{DC,B}		3,90
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	253,07
Rated power input	D _C	[kW]	52,40
Declared energy efficiency ratio	EER _{DC,C}		4,83
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	233,60
Rated power input	D _D	[kW]	32,59
Declared energy efficiency ratio	EER _{DC,D}		7,17
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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FX-FC-G05-Y /T+ /1702			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,52
Annual electricity consumption	Q	[kWh]	434794
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	327,50
Rated power input	D _A	[kW]	112,50
Rated energy efficiency ratio	EER _{DC,A}		2,91
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	305,67
Rated power input	D _B	[kW]	81,11
Declared energy efficiency ratio	EER _{DC,B}		3,77
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	283,83
Rated power input	D _C	[kW]	60,81
Declared energy efficiency ratio	EER _{DC,C}		4,67
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	262,00
Rated power input	D _D	[kW]	32,77
Declared energy efficiency ratio	EER _{DC,D}		8,00
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /T+ /1902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	504793
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	378,20
Rated power input	D _A	[kW]	126,90
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	352,99
Rated power input	D _B	[kW]	89,41
Declared energy efficiency ratio	EER _{DC,B}		3,95
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	327,77
Rated power input	D _C	[kW]	65,71
Declared energy efficiency ratio	EER _{DC,C}		4,99
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	302,56
Rated power input	D _D	[kW]	42,16
Declared energy efficiency ratio	EER _{DC,D}		7,18
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

FX-FC-G05-Y /NG /T+ /2002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,19
Annual electricity consumption	Q	[kWh]	594774
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	420,90
Rated power input	D _A	[kW]	147,20
Rated energy efficiency ratio	EER _{DC,A}		2,86
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	392,84
Rated power input	D _B	[kW]	103,77
Declared energy efficiency ratio	EER _{DC,B}		3,79
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	364,78
Rated power input	D _C	[kW]	76,67
Declared energy efficiency ratio	EER _{DC,C}		4,76
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	336,72
Rated power input	D _D	[kW]	50,55
Declared energy efficiency ratio	EER _{DC,D}		6,66
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant			[Kg CO ₂ eq] 631

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

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

FX-FC-G05-Y /NG /T+ /2202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,40
Annual electricity consumption	Q	[kWh]	631047
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	464,27
Rated power input	D _A	[kW]	156,90
Rated energy efficiency ratio	EER _{DC,A}		2,96
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	433,35
Rated power input	D _B	[kW]	110,97
Declared energy efficiency ratio	EER _{DC,B}		3,90
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	402,39
Rated power input	D _C	[kW]	80,77
Declared energy efficiency ratio	EER _{DC,C}		4,98
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	371,44
Rated power input	D _D	[kW]	53,81
Declared energy efficiency ratio	EER _{DC,D}		6,90
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /T+ /2202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,96
Annual electricity consumption	Q	[kWh]	573786
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	465,88
Rated power input	D _A	[kW]	154,80
Rated energy efficiency ratio	EER _{DC,A}		3,01
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	434,84
Rated power input	D _B	[kW]	109,87
Declared energy efficiency ratio	EER _{DC,B}		3,96
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	403,78
Rated power input	D _C	[kW]	79,67
Declared energy efficiency ratio	EER _{DC,C}		5,07
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	372,72
Rated power input	D _D	[kW]	42,89
Declared energy efficiency ratio	EER _{DC,D}		8,69
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant			[Kg CO2eq] 631

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

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

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

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

FX-FC-G05-Y /NG /T+ /2702			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	814943
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	582,50
Rated power input	D _A	[kW]	204,40
Rated energy efficiency ratio	EER _{DC,A}		2,85
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	543,67
Rated power input	D _B	[kW]	141,66
Declared energy efficiency ratio	EER _{DC,B}		3,84
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	504,83
Rated power input	D _C	[kW]	104,86
Declared energy efficiency ratio	EER _{DC,C}		4,81
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	466,00
Rated power input	D _D	[kW]	69,46
Declared energy efficiency ratio	EER _{DC,D}		6,71
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

FX-FC-G05-Y /NG /T+ /3002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,22
Annual electricity consumption	Q	[kWh]	854538
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	608,50
Rated power input	D _A	[kW]	221,30
Rated energy efficiency ratio	EER _{DC,A}		2,75
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	567,93
Rated power input	D _B	[kW]	150,29
Declared energy efficiency ratio	EER _{DC,B}		3,78
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	527,37
Rated power input	D _C	[kW]	109,49
Declared energy efficiency ratio	EER _{DC,C}		4,82
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	486,80
Rated power input	D _D	[kW]	72,65
Declared energy efficiency ratio	EER _{DC,D}		6,70
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant			[Kg CO2eq] 631

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

FX-FC-G05-Y /T+ /3002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,76
Annual electricity consumption	Q	[kWh]	776743
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	610,37
Rated power input	D _A	[kW]	218,80
Rated energy efficiency ratio	EER _{DC,A}		2,79
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	569,71
Rated power input	D _B	[kW]	149,09
Declared energy efficiency ratio	EER _{DC,B}		3,82
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	529,01
Rated power input	D _C	[kW]	108,29
Declared energy efficiency ratio	EER _{DC,C}		4,89
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	488,32
Rated power input	D _D	[kW]	57,59
Declared energy efficiency ratio	EER _{DC,D}		8,48
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /T+ /3202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,19
Annual electricity consumption	Q	[kWh]	932670
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	659,37
Rated power input	D _A	[kW]	233,80
Rated energy efficiency ratio	EER _{DC,A}		2,82
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	615,44
Rated power input	D _B	[kW]	160,79
Declared energy efficiency ratio	EER _{DC,B}		3,83
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	571,48
Rated power input	D _C	[kW]	118,09
Declared energy efficiency ratio	EER _{DC,C}		4,84
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	527,52
Rated power input	D _D	[kW]	81,09
Declared energy efficiency ratio	EER _{DC,D}		6,51
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /T+ /3202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,83
Annual electricity consumption	Q	[kWh]	833016
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	661,70
Rated power input	D _A	[kW]	231,40
Rated energy efficiency ratio	EER _{DC,A}		2,86
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	617,59
Rated power input	D _B	[kW]	159,19
Declared energy efficiency ratio	EER _{DC,B}		3,88
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	573,47
Rated power input	D _C	[kW]	116,49
Declared energy efficiency ratio	EER _{DC,C}		4,92
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	529,36
Rated power input	D _D	[kW]	61,77
Declared energy efficiency ratio	EER _{DC,D}		8,57
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /T+ /3402			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,27
Annual electricity consumption	Q	[kWh]	1007231
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	724,30
Rated power input	D _A	[kW]	248,00
Rated energy efficiency ratio	EER _{DC,A}		2,92
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	676,01
Rated power input	D _B	[kW]	173,10
Declared energy efficiency ratio	EER _{DC,B}		3,91
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	627,73
Rated power input	D _C	[kW]	126,10
Declared energy efficiency ratio	EER _{DC,C}		4,98
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	579,44
Rated power input	D _D	[kW]	88,75
Declared energy efficiency ratio	EER _{DC,D}		6,53
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

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

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

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

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

FX-FC-G05-Y /NG /T+ /3902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,12
Annual electricity consumption	Q	[kWh]	1180654
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	823,80
Rated power input	D _A	[kW]	294,20
Rated energy efficiency ratio	EER _{DC,A}		2,80
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	768,88
Rated power input	D _B	[kW]	203,20
Declared energy efficiency ratio	EER _{DC,B}		3,78
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	713,96
Rated power input	D _C	[kW]	147,80
Declared energy efficiency ratio	EER _{DC,C}		4,83
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	659,04
Rated power input	D _D	[kW]	103,93
Declared energy efficiency ratio	EER _{DC,D}		6,34
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /T+ /3902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	1084707
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	826,28
Rated power input	D _A	[kW]	291,00
Rated energy efficiency ratio	EER _{DC,A}		2,84
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	771,21
Rated power input	D _B	[kW]	202,00
Declared energy efficiency ratio	EER _{DC,B}		3,82
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	716,13
Rated power input	D _C	[kW]	146,30
Declared energy efficiency ratio	EER _{DC,C}		4,89
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	661,04
Rated power input	D _D	[kW]	84,89
Declared energy efficiency ratio	EER _{DC,D}		7,79
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /NG /T+ /4202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,07
Annual electricity consumption	Q	[kWh]	1277779
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	883,30
Rated power input	D _A	[kW]	306,70
Rated energy efficiency ratio	EER _{DC,A}		2,88
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	824,41
Rated power input	D _B	[kW]	216,10
Declared energy efficiency ratio	EER _{DC,B}		3,81
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	765,53
Rated power input	D _C	[kW]	159,40
Declared energy efficiency ratio	EER _{DC,C}		4,80
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	706,64
Rated power input	D _D	[kW]	113,93
Declared energy efficiency ratio	EER _{DC,D}		6,20
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

FX-FC-G05-Y /T+ /4202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,64
Annual electricity consumption	Q	[kWh]	1153816
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	886,60
Rated power input	D _A	[kW]	303,60
Rated energy efficiency ratio	EER _{DC,A}		2,92
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	827,49
Rated power input	D _B	[kW]	214,10
Declared energy efficiency ratio	EER _{DC,B}		3,87
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	768,39
Rated power input	D _C	[kW]	157,20
Declared energy efficiency ratio	EER _{DC,C}		4,89
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	709,28
Rated power input	D _D	[kW]	89,61
Declared energy efficiency ratio	EER _{DC,D}		7,92
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

FX-FC-G05-Y /T+ /4502			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	1259368
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	960,60
Rated power input	D _A	[kW]	334,70
Rated energy efficiency ratio	EER _{DC,A}		2,87
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	896,56
Rated power input	D _B	[kW]	235,51
Declared energy efficiency ratio	EER _{DC,B}		3,81
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	832,52
Rated power input	D _C	[kW]	172,91
Declared energy efficiency ratio	EER _{DC,C}		4,81
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	768,48
Rated power input	D _D	[kW]	96,57
Declared energy efficiency ratio	EER _{DC,D}		7,96
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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

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

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

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

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

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

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

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for a greener tomorrow

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



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