

RC GROUP Technical Documentation  
i-FR-G01-Z\_2202\_7223\_201810\_ML

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

Ecodesign requirements for process chillers

AIR COOLED CHILLERS

**i-FR-G01-Z 2202 - 7223**

Cooling Capacity Range 476 - 1691 [kW] - (EN14511 VALUE)  
Nominal Cooling Capacity at TdesignC Range 476 - 1691 [kW]



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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 (CO<sub>2</sub>).

## 2. RC GROUP CONTENTS UNIT

### 2.1 Table index

AIR COOLED CHILLERS

#### i-FR-G01-Z 2202 - 7223

Cooling Capacity Range 476 - 1691 [kW]

Nominal Cooling Capacity at TdesignC Range 476 - 1691 [kW]

Units	Version	Size					Pag.
i-FR-G01-Z	A	2202	2602	2652	2702	2722	5
		3152	3602	3902	4202	4502	
		4802	4822	5412	5703	6303	
		6603					
i-FR-G01-Z	K	2202	2602	2652	2702	2722	21
		3152	3602	3902	4202	4502	
		4802	4812	4822	5412	6002	
		6022	6303	6903	7203	7213	
		7223					
i-FR-G01-Z	SL-A	2202	2602	2652	2702	2722	42
		3152	3602	3902	4202	4502	
		4802	4822	5412	5703	6303	
i-FR-G01-Z	SL-K	2202	2602	2652	2702	2722	57
		3152	3602	3902	4202	4502	
		4802	4812	4822	5412	6002	
		6022	6303	6903	7203	7213	
		7223					

i-FR-G01-Z /A /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		6,40
Annual electricity consumption	Q	[kWh]	589699
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	508,68
Rated power input	D <sub>A</sub>	[kW]	158,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,21
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	474,79
Rated power input	D <sub>B</sub>	[kW]	101,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,68
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	440,87
Rated power input	D <sub>C</sub>	[kW]	66,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,63
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	406,96
Rated power input	D <sub>D</sub>	[kW]	57,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,11
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /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		6,43
Annual electricity consumption	Q	[kWh]	635077
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	550,37
Rated power input	D <sub>A</sub>	[kW]	172,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,20
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	513,71
Rated power input	D <sub>B</sub>	[kW]	109,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,68
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	477,01
Rated power input	D <sub>C</sub>	[kW]	71,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,69
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	440,32
Rated power input	D <sub>D</sub>	[kW]	61,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,13
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /2652			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,37
Annual electricity consumption	Q	[kWh]	685047
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	588,18
Rated power input	D <sub>A</sub>	[kW]	183,80
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,20
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	548,99
Rated power input	D <sub>B</sub>	[kW]	119,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,57
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	509,77
Rated power input	D <sub>C</sub>	[kW]	76,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,66
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	470,56
Rated power input	D <sub>D</sub>	[kW]	66,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,07
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /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		6,32
Annual electricity consumption	Q	[kWh]	732816
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	624,78
Rated power input	D <sub>A</sub>	[kW]	197,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,17
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	583,15
Rated power input	D <sub>B</sub>	[kW]	130,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,47
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	541,49
Rated power input	D <sub>C</sub>	[kW]	82,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,56
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	499,84
Rated power input	D <sub>D</sub>	[kW]	70,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,12
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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



i-FR-G01-Z /A /2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,30
Annual electricity consumption	Q	[kWh]	803192
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	682,10
Rated power input	D <sub>A</sub>	[kW]	215,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,16
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	636,63
Rated power input	D <sub>B</sub>	[kW]	142,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,46
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	591,15
Rated power input	D <sub>C</sub>	[kW]	90,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,54
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	545,68
Rated power input	D <sub>D</sub>	[kW]	76,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,08
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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

i-FR-G01-Z /A /3152			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,15
Annual electricity consumption	Q	[kWh]	922291
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	765,00
Rated power input	D <sub>A</sub>	[kW]	249,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,07
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	714,00
Rated power input	D <sub>B</sub>	[kW]	162,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,38
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	663,00
Rated power input	D <sub>C</sub>	[kW]	104,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,36
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	612,00
Rated power input	D <sub>D</sub>	[kW]	88,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,93
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /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		6,07
Annual electricity consumption	Q	[kWh]	1022963
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	837,10
Rated power input	D <sub>A</sub>	[kW]	277,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,02
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	781,29
Rated power input	D <sub>B</sub>	[kW]	179,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,34
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	725,49
Rated power input	D <sub>C</sub>	[kW]	115,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,28
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	669,68
Rated power input	D <sub>D</sub>	[kW]	97,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,82
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /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		5,85
Annual electricity consumption	Q	[kWh]	1136561
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	896,40
Rated power input	D <sub>A</sub>	[kW]	293,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,05
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	836,64
Rated power input	D <sub>B</sub>	[kW]	192,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	776,88
Rated power input	D <sub>C</sub>	[kW]	127,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,08
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	717,12
Rated power input	D <sub>D</sub>	[kW]	111,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,44
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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

i-FR-G01-Z /A /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		5,76
Annual electricity consumption	Q	[kWh]	1228494
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	955,89
Rated power input	$D_A$	[kW]	311,40
Rated energy efficiency ratio	$EER_{DC,A}$		3,07
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	892,17
Rated power input	$D_B$	[kW]	203,50
Declared energy efficiency ratio	$EER_{DC,B}$		4,37
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	828,45
Rated power input	$D_C$	[kW]	136,70
Declared energy efficiency ratio	$EER_{DC,C}$		6,04
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	764,72
Rated power input	$D_D$	[kW]	121,90
Declared energy efficiency ratio	$EER_{DC,D}$		6,25
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /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		5,90
Annual electricity consumption	Q	[kWh]	1288027
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1024,64
Rated power input	$D_A$	[kW]	329,60
Rated energy efficiency ratio	$EER_{DC,A}$		3,11
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	956,67
Rated power input	$D_B$	[kW]	213,40
Declared energy efficiency ratio	$EER_{DC,B}$		4,47
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	888,33
Rated power input	$D_C$	[kW]	144,80
Declared energy efficiency ratio	$EER_{DC,C}$		6,11
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	820,00
Rated power input	$D_D$	[kW]	126,60
Declared energy efficiency ratio	$EER_{DC,D}$		6,46
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /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		5,99
Annual electricity consumption	Q	[kWh]	1356511
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1095,00
Rated power input	D <sub>A</sub>	[kW]	347,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,15
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1022,00
Rated power input	D <sub>B</sub>	[kW]	219,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,64
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	949,00
Rated power input	D <sub>C</sub>	[kW]	153,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,16
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	876,00
Rated power input	D <sub>D</sub>	[kW]	133,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,53
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /A /4822			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,93
Annual electricity consumption	Q	[kWh]	1449760
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1158,59
Rated power input	D <sub>A</sub>	[kW]	376,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,08
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1081,73
Rated power input	D <sub>B</sub>	[kW]	235,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,58
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1004,47
Rated power input	D <sub>C</sub>	[kW]	164,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	927,20
Rated power input	D <sub>D</sub>	[kW]	143,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,47
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /A /5412			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,88
Annual electricity consumption	Q	[kWh]	1545196
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1226,00
Rated power input	D <sub>A</sub>	[kW]	389,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,15
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1144,27
Rated power input	D <sub>B</sub>	[kW]	251,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,54
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1062,53
Rated power input	D <sub>C</sub>	[kW]	175,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,05
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	980,80
Rated power input	D <sub>D</sub>	[kW]	152,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,43
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /A /5703			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,88
Annual electricity consumption	Q	[kWh]	1676242
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1330,00
Rated power input	D <sub>A</sub>	[kW]	438,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,03
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1241,33
Rated power input	D <sub>B</sub>	[kW]	286,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,32
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1152,67
Rated power input	D <sub>C</sub>	[kW]	188,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1064,00
Rated power input	D <sub>D</sub>	[kW]	163,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,51
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /A /6303			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,81
Annual electricity consumption	Q	[kWh]	1864540
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1463,00
Rated power input	D <sub>A</sub>	[kW]	476,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,07
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1365,47
Rated power input	D <sub>B</sub>	[kW]	309,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,40
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1267,93
Rated power input	D <sub>C</sub>	[kW]	207,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,10
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1170,40
Rated power input	D <sub>D</sub>	[kW]	185,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,30
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /A /6603			
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]	1939002
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1516,00
Rated power input	D <sub>A</sub>	[kW]	502,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,02
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1414,93
Rated power input	D <sub>B</sub>	[kW]	322,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,38
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1313,87
Rated power input	D <sub>C</sub>	[kW]	216,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,04
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1212,80
Rated power input	D <sub>D</sub>	[kW]	191,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,32
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /K /2202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,63
Annual electricity consumption	Q	[kWh]	628572
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	477,30
Rated power input	D <sub>A</sub>	[kW]	166,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,87
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	445,48
Rated power input	D <sub>B</sub>	[kW]	105,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,22
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	413,66
Rated power input	D <sub>C</sub>	[kW]	70,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,88
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	381,84
Rated power input	D <sub>D</sub>	[kW]	61,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,15
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /2602			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	701419
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	529,40
Rated power input	D <sub>A</sub>	[kW]	183,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,89
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	494,11
Rated power input	D <sub>B</sub>	[kW]	118,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,15
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	458,81
Rated power input	D <sub>C</sub>	[kW]	78,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,83
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	423,52
Rated power input	D <sub>D</sub>	[kW]	68,70
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,15
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /2652			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	742016
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	559,60
Rated power input	D <sub>A</sub>	[kW]	192,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,91
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	522,29
Rated power input	D <sub>B</sub>	[kW]	123,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,23
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	484,99
Rated power input	D <sub>C</sub>	[kW]	82,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,84
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	447,68
Rated power input	D <sub>D</sub>	[kW]	73,50
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,08
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /2702			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,61
Annual electricity consumption	Q	[kWh]	787843
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	596,20
Rated power input	D <sub>A</sub>	[kW]	202,80
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,94
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	556,45
Rated power input	D <sub>B</sub>	[kW]	134,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,14
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	516,71
Rated power input	D <sub>C</sub>	[kW]	88,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,84
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	476,96
Rated power input	D <sub>D</sub>	[kW]	77,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,18
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,53
Annual electricity consumption	Q	[kWh]	878014
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	654,70
Rated power input	D <sub>A</sub>	[kW]	229,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,85
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	611,05
Rated power input	D <sub>B</sub>	[kW]	150,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,06
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	567,41
Rated power input	D <sub>C</sub>	[kW]	98,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,75
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	523,76
Rated power input	D <sub>D</sub>	[kW]	85,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,11
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /3152			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,54
Annual electricity consumption	Q	[kWh]	960905
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	718,20
Rated power input	D <sub>A</sub>	[kW]	254,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,82
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	670,32
Rated power input	D <sub>B</sub>	[kW]	165,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,04
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	622,44
Rated power input	D <sub>C</sub>	[kW]	107,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,77
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	574,56
Rated power input	D <sub>D</sub>	[kW]	93,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,14
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /3602			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,56
Annual electricity consumption	Q	[kWh]	1066026
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	798,90
Rated power input	D <sub>A</sub>	[kW]	281,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,84
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	745,64
Rated power input	D <sub>B</sub>	[kW]	181,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,10
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	692,38
Rated power input	D <sub>C</sub>	[kW]	119,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,77
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	639,12
Rated power input	D <sub>D</sub>	[kW]	103,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,14
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /3902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,54
Annual electricity consumption	Q	[kWh]	1167097
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	871,30
Rated power input	D <sub>A</sub>	[kW]	302,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,88
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	813,21
Rated power input	D <sub>B</sub>	[kW]	192,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,22
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	755,13
Rated power input	D <sub>C</sub>	[kW]	131,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,74
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	697,04
Rated power input	D <sub>D</sub>	[kW]	115,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,04
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /4202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,53
Annual electricity consumption	Q	[kWh]	1244691
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	928,70
Rated power input	D <sub>A</sub>	[kW]	321,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,89
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	866,79
Rated power input	D <sub>B</sub>	[kW]	202,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,26
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	804,87
Rated power input	D <sub>C</sub>	[kW]	138,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,78
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	742,96
Rated power input	D <sub>D</sub>	[kW]	124,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,97
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /K /4502			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,54
Annual electricity consumption	Q	[kWh]	1319413
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	987,25
Rated power input	D <sub>A</sub>	[kW]	346,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,85
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	921,48
Rated power input	D <sub>B</sub>	[kW]	216,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,25
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	855,66
Rated power input	D <sub>C</sub>	[kW]	148,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,77
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	789,84
Rated power input	D <sub>D</sub>	[kW]	130,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,03
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /4802			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,55
Annual electricity consumption	Q	[kWh]	1370073
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1025,64
Rated power input	$D_A$	[kW]	371,70
Rated energy efficiency ratio	$EER_{DC,A}$		2,76
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	957,60
Rated power input	$D_B$	[kW]	225,40
Declared energy efficiency ratio	$EER_{DC,B}$		4,23
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	889,20
Rated power input	$D_C$	[kW]	154,00
Declared energy efficiency ratio	$EER_{DC,C}$		5,76
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	820,80
Rated power input	$D_D$	[kW]	134,80
Declared energy efficiency ratio	$EER_{DC,D}$		6,07
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /4812			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	1391314
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1050,00
Rated power input	D <sub>A</sub>	[kW]	355,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,95
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	980,00
Rated power input	D <sub>B</sub>	[kW]	222,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,40
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	910,00
Rated power input	D <sub>C</sub>	[kW]	157,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,78
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	840,00
Rated power input	D <sub>D</sub>	[kW]	138,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,05
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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



i-FR-G01-Z /K /4822			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,50
Annual electricity consumption	Q	[kWh]	1513113
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1123,96
Rated power input	D <sub>A</sub>	[kW]	393,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,86
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1049,07
Rated power input	D <sub>B</sub>	[kW]	242,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,31
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	974,13
Rated power input	D <sub>C</sub>	[kW]	170,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,70
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	899,20
Rated power input	D <sub>D</sub>	[kW]	150,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,96
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /5412			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,56
Annual electricity consumption	Q	[kWh]	1555408
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1165,54
Rated power input	D <sub>A</sub>	[kW]	416,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,80
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1088,27
Rated power input	D <sub>B</sub>	[kW]	255,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,25
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1010,53
Rated power input	D <sub>C</sub>	[kW]	174,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,76
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	932,80
Rated power input	D <sub>D</sub>	[kW]	153,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,07
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /K /6002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,56
Annual electricity consumption	Q	[kWh]	1650133
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1237,94
Rated power input	D <sub>A</sub>	[kW]	425,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,91
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1155,47
Rated power input	D <sub>B</sub>	[kW]	269,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,27
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1072,93
Rated power input	D <sub>C</sub>	[kW]	186,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,75
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	990,40
Rated power input	D <sub>D</sub>	[kW]	162,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,07
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /6022			
-			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,56
Annual electricity consumption	Q	[kWh]	1729545
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1297,00
Rated power input	D <sub>A</sub>	[kW]	461,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,81
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1210,53
Rated power input	D <sub>B</sub>	[kW]	284,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,24
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1124,07
Rated power input	D <sub>C</sub>	[kW]	195,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,75
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1037,60
Rated power input	D <sub>D</sub>	[kW]	169,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,09
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /K /6303			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	1888338
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1404,58
Rated power input	D <sub>A</sub>	[kW]	482,80
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,91
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1311,33
Rated power input	D <sub>B</sub>	[kW]	308,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,24
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1217,67
Rated power input	D <sub>C</sub>	[kW]	210,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,77
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1124,00
Rated power input	D <sub>D</sub>	[kW]	188,50
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,95
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /6903			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,55
Annual electricity consumption	Q	[kWh]	1986866
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1487,85
Rated power input	D <sub>A</sub>	[kW]	527,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,82
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1388,80
Rated power input	D <sub>B</sub>	[kW]	326,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,24
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1289,60
Rated power input	D <sub>C</sub>	[kW]	223,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,76
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1190,40
Rated power input	D <sub>D</sub>	[kW]	195,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,06
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /K /7203			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,61
Annual electricity consumption	Q	[kWh]	2054575
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1554,75
Rated power input	D <sub>A</sub>	[kW]	559,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,78
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1451,33
Rated power input	D <sub>B</sub>	[kW]	339,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,27
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1347,67
Rated power input	D <sub>C</sub>	[kW]	231,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,82
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1244,00
Rated power input	D <sub>D</sub>	[kW]	202,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,14
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /K /7213			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,53
Annual electricity consumption	Q	[kWh]	2203484
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1644,00
Rated power input	D <sub>A</sub>	[kW]	576,80
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,85
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1534,40
Rated power input	D <sub>B</sub>	[kW]	357,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,28
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1424,80
Rated power input	D <sub>C</sub>	[kW]	248,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,73
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1315,20
Rated power input	D <sub>D</sub>	[kW]	218,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,01
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /K /7223			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,55
Annual electricity consumption	Q	[kWh]	2260390
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1691,00
Rated power input	D <sub>A</sub>	[kW]	599,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,82
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1578,27
Rated power input	D <sub>B</sub>	[kW]	366,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,30
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1465,53
Rated power input	D <sub>C</sub>	[kW]	254,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,75
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1352,80
Rated power input	D <sub>D</sub>	[kW]	224,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,02
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /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		6,45
Annual electricity consumption	Q	[kWh]	571929
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	497,36
Rated power input	$D_A$	[kW]	156,90
Rated energy efficiency ratio	$EER_{DC,A}$		3,17
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	464,24
Rated power input	$D_B$	[kW]	98,50
Declared energy efficiency ratio	$EER_{DC,B}$		4,70
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	431,08
Rated power input	$D_C$	[kW]	64,10
Declared energy efficiency ratio	$EER_{DC,C}$		6,71
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	397,92
Rated power input	$D_D$	[kW]	55,50
Declared energy efficiency ratio	$EER_{DC,D}$		7,16
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /SL-A /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		6,50
Annual electricity consumption	Q	[kWh]	636488
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	557,90
Rated power input	D <sub>A</sub>	[kW]	176,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,16
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	520,71
Rated power input	D <sub>B</sub>	[kW]	112,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,60
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	483,51
Rated power input	D <sub>C</sub>	[kW]	71,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,80
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	446,32
Rated power input	D <sub>D</sub>	[kW]	61,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,27
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /2652			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,55
Annual electricity consumption	Q	[kWh]	657046
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	580,00
Rated power input	D <sub>A</sub>	[kW]	179,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	541,33
Rated power input	D <sub>B</sub>	[kW]	115,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,67
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	502,67
Rated power input	D <sub>C</sub>	[kW]	72,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,88
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	464,00
Rated power input	D <sub>D</sub>	[kW]	63,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,26
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /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		6,43
Annual electricity consumption	Q	[kWh]	707436
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	613,40
Rated power input	D <sub>A</sub>	[kW]	195,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,14
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	572,51
Rated power input	D <sub>B</sub>	[kW]	126,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,50
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	531,61
Rated power input	D <sub>C</sub>	[kW]	78,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,74
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	490,72
Rated power input	D <sub>D</sub>	[kW]	67,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,21
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,49
Annual electricity consumption	Q	[kWh]	777065
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	680,60
Rated power input	D <sub>A</sub>	[kW]	210,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,24
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	635,23
Rated power input	D <sub>B</sub>	[kW]	137,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,60
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	589,85
Rated power input	D <sub>C</sub>	[kW]	87,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,73
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	544,48
Rated power input	D <sub>D</sub>	[kW]	74,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,32
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /3152			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,27
Annual electricity consumption	Q	[kWh]	885948
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	749,50
Rated power input	D <sub>A</sub>	[kW]	243,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,08
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	699,53
Rated power input	D <sub>B</sub>	[kW]	156,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,45
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	649,57
Rated power input	D <sub>C</sub>	[kW]	99,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,52
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	599,60
Rated power input	D <sub>D</sub>	[kW]	84,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,05
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /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		6,24
Annual electricity consumption	Q	[kWh]	963286
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	809,36
Rated power input	$D_A$	[kW]	266,30
Rated energy efficiency ratio	$EER_{DC,A}$		3,04
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	755,44
Rated power input	$D_B$	[kW]	171,60
Declared energy efficiency ratio	$EER_{DC,B}$		4,39
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	701,48
Rated power input	$D_C$	[kW]	107,70
Declared energy efficiency ratio	$EER_{DC,C}$		6,50
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	647,52
Rated power input	$D_D$	[kW]	92,20
Declared energy efficiency ratio	$EER_{DC,D}$		7,00
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /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		6,01
Annual electricity consumption	Q	[kWh]	1095544
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	888,60
Rated power input	$D_A$	[kW]	285,70
Rated energy efficiency ratio	$EER_{DC,A}$		3,11
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	829,36
Rated power input	$D_B$	[kW]	185,80
Declared energy efficiency ratio	$EER_{DC,B}$		4,45
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	770,12
Rated power input	$D_C$	[kW]	123,00
Declared energy efficiency ratio	$EER_{DC,C}$		6,24
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	710,88
Rated power input	$D_D$	[kW]	106,70
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 <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /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		5,85
Annual electricity consumption	Q	[kWh]	1190405
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	939,40
Rated power input	D <sub>A</sub>	[kW]	303,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,10
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	876,77
Rated power input	D <sub>B</sub>	[kW]	196,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,46
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	814,15
Rated power input	D <sub>C</sub>	[kW]	132,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,13
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	751,52
Rated power input	D <sub>D</sub>	[kW]	118,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,32
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /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		5,96
Annual electricity consumption	Q	[kWh]	1259442
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1012,74
Rated power input	D <sub>A</sub>	[kW]	321,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,15
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	945,47
Rated power input	D <sub>B</sub>	[kW]	206,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,56
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	877,93
Rated power input	D <sub>C</sub>	[kW]	141,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,18
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	810,40
Rated power input	D <sub>D</sub>	[kW]	124,30
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,50
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /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		6,11
Annual electricity consumption	Q	[kWh]	1312618
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1082,00
Rated power input	$D_A$	[kW]	339,20
Rated energy efficiency ratio	$EER_{DC,A}$		3,19
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	1009,87
Rated power input	$D_B$	[kW]	212,00
Declared energy efficiency ratio	$EER_{DC,B}$		4,74
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	937,73
Rated power input	$D_C$	[kW]	148,60
Declared energy efficiency ratio	$EER_{DC,C}$		6,29
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	865,60
Rated power input	$D_D$	[kW]	129,40
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 <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /4822			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,06
Annual electricity consumption	Q	[kWh]	1401864
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1145,68
Rated power input	D <sub>A</sub>	[kW]	368,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,11
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1069,60
Rated power input	D <sub>B</sub>	[kW]	228,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,66
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	993,20
Rated power input	D <sub>C</sub>	[kW]	158,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,25
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	916,80
Rated power input	D <sub>D</sub>	[kW]	137,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,63
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /5412			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,02
Annual electricity consumption	Q	[kWh]	1489047
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1209,00
Rated power input	D <sub>A</sub>	[kW]	381,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,17
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1128,40
Rated power input	D <sub>B</sub>	[kW]	243,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,62
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1047,80
Rated power input	D <sub>C</sub>	[kW]	168,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,19
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	967,20
Rated power input	D <sub>D</sub>	[kW]	146,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,60
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /5703			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,97
Annual electricity consumption	Q	[kWh]	1649564
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1328,00
Rated power input	D <sub>A</sub>	[kW]	441,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,01
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1239,47
Rated power input	D <sub>B</sub>	[kW]	282,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,37
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1150,93
Rated power input	D <sub>C</sub>	[kW]	185,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,20
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1062,40
Rated power input	D <sub>D</sub>	[kW]	160,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,62
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-A /6303			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,84
Annual electricity consumption	Q	[kWh]	1850004
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1458,00
Rated power input	D <sub>A</sub>	[kW]	476,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,06
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1360,80
Rated power input	D <sub>B</sub>	[kW]	305,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,45
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1263,60
Rated power input	D <sub>C</sub>	[kW]	205,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,14
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1166,40
Rated power input	D <sub>D</sub>	[kW]	184,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,30
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /2202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,85
Annual electricity consumption	Q	[kWh]	602418
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	475,70
Rated power input	D <sub>A</sub>	[kW]	162,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,93
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	443,99
Rated power input	D <sub>B</sub>	[kW]	102,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	412,27
Rated power input	D <sub>C</sub>	[kW]	67,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,10
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	380,56
Rated power input	D <sub>D</sub>	[kW]	58,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,45
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /2602			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		6,00
Annual electricity consumption	Q	[kWh]	636176
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	515,10
Rated power input	D <sub>A</sub>	[kW]	171,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	480,76
Rated power input	D <sub>B</sub>	[kW]	108,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,42
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	446,42
Rated power input	D <sub>C</sub>	[kW]	71,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,25
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	412,08
Rated power input	D <sub>D</sub>	[kW]	62,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,63
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /2652			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,80
Annual electricity consumption	Q	[kWh]	706564
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	553,00
Rated power input	D <sub>A</sub>	[kW]	188,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,93
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	516,13
Rated power input	D <sub>B</sub>	[kW]	120,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,27
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	479,27
Rated power input	D <sub>C</sub>	[kW]	78,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,08
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	442,40
Rated power input	D <sub>D</sub>	[kW]	69,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,37
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /SL-K /2702			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	764473
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	576,27
Rated power input	D <sub>A</sub>	[kW]	205,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,81
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	537,88
Rated power input	D <sub>B</sub>	[kW]	133,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,02
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	499,46
Rated power input	D <sub>C</sub>	[kW]	85,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,85
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	461,04
Rated power input	D <sub>D</sub>	[kW]	74,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,20
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /SL-K /2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,92
Annual electricity consumption	Q	[kWh]	827771
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	660,89
Rated power input	D <sub>A</sub>	[kW]	221,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,99
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	616,84
Rated power input	D <sub>B</sub>	[kW]	144,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,26
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	572,78
Rated power input	D <sub>C</sub>	[kW]	93,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		6,14
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	528,72
Rated power input	D <sub>D</sub>	[kW]	79,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,62
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /3152			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,73
Annual electricity consumption	Q	[kWh]	917657
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	708,89
Rated power input	$D_A$	[kW]	252,30
Rated energy efficiency ratio	$EER_{DC,A}$		2,81
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	661,64
Rated power input	$D_B$	[kW]	161,80
Declared energy efficiency ratio	$EER_{DC,B}$		4,08
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	614,38
Rated power input	$D_C$	[kW]	102,10
Declared energy efficiency ratio	$EER_{DC,C}$		6,00
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	567,12
Rated power input	$D_D$	[kW]	88,60
Declared energy efficiency ratio	$EER_{DC,D}$		6,38
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /3602			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,55
Annual electricity consumption	Q	[kWh]	1030476
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	771,95
Rated power input	D <sub>A</sub>	[kW]	285,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,70
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	720,53
Rated power input	D <sub>B</sub>	[kW]	180,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,97
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	669,07
Rated power input	D <sub>C</sub>	[kW]	114,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,83
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	617,60
Rated power input	D <sub>D</sub>	[kW]	99,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,17
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /SL-K /3902			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,55
Annual electricity consumption	Q	[kWh]	1126801
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	843,07
Rated power input	D <sub>A</sub>	[kW]	307,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,74
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	786,89
Rated power input	D <sub>B</sub>	[kW]	191,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,11
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	730,69
Rated power input	D <sub>C</sub>	[kW]	126,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,78
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	674,48
Rated power input	D <sub>D</sub>	[kW]	110,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,11
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /4202			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,51
Annual electricity consumption	Q	[kWh]	121 1690
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	900,10
Rated power input	D <sub>A</sub>	[kW]	326,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,76
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	840,09
Rated power input	D <sub>B</sub>	[kW]	201,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,15
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	780,09
Rated power input	D <sub>C</sub>	[kW]	135,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,74
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	720,08
Rated power input	D <sub>D</sub>	[kW]	119,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,02
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /4502			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,66
Annual electricity consumption	Q	[kWh]	1270409
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	969,79
Rated power input	D <sub>A</sub>	[kW]	345,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,81
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	905,15
Rated power input	D <sub>B</sub>	[kW]	212,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,26
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	840,49
Rated power input	D <sub>C</sub>	[kW]	142,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,89
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	775,84
Rated power input	D <sub>D</sub>	[kW]	124,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,20
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /SL-K /4802			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,75
Annual electricity consumption	Q	[kWh]	1322800
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1024,65
Rated power input	$D_A$	[kW]	362,20
Rated energy efficiency ratio	$EER_{DC,A}$		2,83
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	956,67
Rated power input	$D_B$	[kW]	220,20
Declared energy efficiency ratio	$EER_{DC,B}$		4,33
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	888,33
Rated power input	$D_C$	[kW]	149,30
Declared energy efficiency ratio	$EER_{DC,C}$		5,94
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	820,00
Rated power input	$D_D$	[kW]	129,20
Declared energy efficiency ratio	$EER_{DC,D}$		6,33
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /4812			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,71
Annual electricity consumption	Q	[kWh]	1353410
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1042,00
Rated power input	D <sub>A</sub>	[kW]	348,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,99
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	972,53
Rated power input	D <sub>B</sub>	[kW]	217,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,47
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	903,07
Rated power input	D <sub>C</sub>	[kW]	153,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,88
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	833,60
Rated power input	D <sub>D</sub>	[kW]	134,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,20
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /SL-K /4822			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,63
Annual electricity consumption	Q	[kWh]	1469722
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1116,00
Rated power input	D <sub>A</sub>	[kW]	384,80
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,90
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1041,60
Rated power input	D <sub>B</sub>	[kW]	237,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,37
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	967,20
Rated power input	D <sub>C</sub>	[kW]	165,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,81
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	892,80
Rated power input	D <sub>D</sub>	[kW]	145,30
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,13
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /SL-K /5412			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,74
Annual electricity consumption	Q	[kWh]	1497105
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1158,59
Rated power input	D <sub>A</sub>	[kW]	408,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,84
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1081,73
Rated power input	D <sub>B</sub>	[kW]	248,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,34
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1004,47
Rated power input	D <sub>C</sub>	[kW]	168,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,95
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	927,20
Rated power input	D <sub>D</sub>	[kW]	146,70
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,30
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /6002			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,55
Annual electricity consumption	Q	[kWh]	1595320
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1195,00
Rated power input	$D_A$	[kW]	431,40
Rated energy efficiency ratio	$EER_{DC,A}$		2,77
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	1115,33
Rated power input	$D_B$	[kW]	268,00
Declared energy efficiency ratio	$EER_{DC,B}$		4,15
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	1035,67
Rated power input	$D_C$	[kW]	179,70
Declared energy efficiency ratio	$EER_{DC,C}$		5,75
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	956,00
Rated power input	$D_D$	[kW]	155,50
Declared energy efficiency ratio	$EER_{DC,D}$		6,13
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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

i-FR-G01-Z /SL-K /6022			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,71
Annual electricity consumption	Q	[kWh]	1670582
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1285,53
Rated power input	D <sub>A</sub>	[kW]	456,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,82
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1200,27
Rated power input	D <sub>B</sub>	[kW]	278,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,30
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1114,53
Rated power input	D <sub>C</sub>	[kW]	188,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,91
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1028,80
Rated power input	D <sub>D</sub>	[kW]	163,30
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,28
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /SL-K /6303			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	1804837
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1360,93
Rated power input	D <sub>A</sub>	[kW]	491,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,77
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1270,27
Rated power input	D <sub>B</sub>	[kW]	303,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,18
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1179,53
Rated power input	D <sub>C</sub>	[kW]	201,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,83
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1088,80
Rated power input	D <sub>D</sub>	[kW]	177,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,13
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /6903			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,96
Annual electricity consumption	Q	[kWh]	1827306
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1469,00
Rated power input	$D_A$	[kW]	524,60
Rated energy efficiency ratio	$EER_{DC,A}$		2,80
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	1371,07
Rated power input	$D_B$	[kW]	314,40
Declared energy efficiency ratio	$EER_{DC,B}$		4,35
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	1273,13
Rated power input	$D_C$	[kW]	203,20
Declared energy efficiency ratio	$EER_{DC,C}$		6,25
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	1175,20
Rated power input	$D_D$	[kW]	178,10
Declared energy efficiency ratio	$EER_{DC,D}$		6,58
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /7203			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,69
Annual electricity consumption	Q	[kWh]	2001230
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1536,88
Rated power input	$D_A$	[kW]	552,90
Rated energy efficiency ratio	$EER_{DC,A}$		2,78
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	1434,53
Rated power input	$D_B$	[kW]	332,80
Declared energy efficiency ratio	$EER_{DC,B}$		4,30
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	1332,07
Rated power input	$D_C$	[kW]	224,00
Declared energy efficiency ratio	$EER_{DC,C}$		5,93
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	1229,60
Rated power input	$D_D$	[kW]	197,10
Declared energy efficiency ratio	$EER_{DC,D}$		6,23
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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i-FR-G01-Z /SL-K /7213			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,62
Annual electricity consumption	Q	[kWh]	2093786
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	1585,53
Rated power input	D <sub>A</sub>	[kW]	589,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,69
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	1480,27
Rated power input	D <sub>B</sub>	[kW]	354,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,17
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	1374,53
Rated power input	D <sub>C</sub>	[kW]	235,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,83
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	1268,80
Rated power input	D <sub>D</sub>	[kW]	203,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,21
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	1430

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i-FR-G01-Z /SL-K /7223			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,57
Annual electricity consumption	Q	[kWh]	2170757
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	$P_A$	[kW]	1629,89
Rated power input	$D_A$	[kW]	612,80
Rated energy efficiency ratio	$EER_{DC,A}$		2,66
Parameters at rating point B			
Rated refrigeration capacity	$P_B$	[kW]	1521,33
Rated power input	$D_B$	[kW]	364,80
Declared energy efficiency ratio	$EER_{DC,B}$		4,16
Parameters at rating point C			
Rated refrigeration capacity	$P_C$	[kW]	1412,67
Rated power input	$D_C$	[kW]	244,10
Declared energy efficiency ratio	$EER_{DC,C}$		5,77
Parameters at rating point D			
Rated refrigeration capacity	$P_D$	[kW]	1304,00
Rated power input	$D_D$	[kW]	211,60
Declared energy efficiency ratio	$EER_{DC,D}$		6,15
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	$C_{DC}$		0,9
GWP of the refrigerant		[Kg CO <sub>2</sub> eq]	1430

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



for a greener tomorrow

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



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