

RC Technical Documentation  
NR-FC-Z\_0384\_0926\_201903\_EN

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

Ecodesign requirements for process chillers

AIR COOLED CHILLERS - FREECOOLING

**NR-FC-Z 0384 - 0926**

Cooling Capacity Range 272 - 713 [kW] - (EN14511 VALUE)  
Nominal Cooling Capacity at TdesignC Range 272 - 713 [kW]

EN



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

## 1.1 Scope of the document

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

## 1.2 REGULATION (UE) N. 2016/2281 description

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

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

- High temperature process chiller: a product designed to cool down and continuously maintain the temperature of a liquid to provide cooling to a refrigerated appliance or system, whose aim is not to provide cooling for the thermal comfort of human beings. It is capable of delivering its rated refrigeration capacity at an indoor side heat exchanger outlet temperature of 7°C, at standard rating conditions.
- Rated refrigeration capacity (P): the refrigeration capacity that the high temperature process chiller is able to reach when operating at full load at a specific rating point, expressed in kW.
- Seasonal Energy Performance Ratio (SEPR): the efficiency ratio of a high temperature process chiller at standard rating conditions, representative of the variations in load and ambient temperature throughout the year, and calculated as the ratio between the annual refrigeration demand and the annual electricity consumption.
- Annual electricity consumption: result of the sum of the ratios between each bin-specific cooling demand and the corresponding bin-specific energy efficiency ratio, multiplied by the corresponding number of bin hours.
- Degradation coefficient for chillers: measure of efficiency loss due to cycling of the chiller.
- Capacity control: the ability of a chiller to change its cooling capacity by changing the volumetric flow rate of at least one of the fluids needed to operate the refrigeration cycle.
- Global warming potential (GWP) of the refrigerant: the 100-year climatic warming potential of one kilogram of a greenhouse gas relative to one kilogram of dioxide (CO<sub>2</sub>).

## 2. RC CONTENTS UNIT

### 2.1 Table index

AIR COOLED CHILLERS - FREECOOLING

#### NR-FC-Z 0384 - 0926

Cooling Capacity Range 272 - 713 [kW]

Nominal Cooling Capacity at TdesignC Range 272 - 713 [kW]

Units	Version	Size					Pag.
NR-FC-Z	A	0384	0384	0414	0414	0434	5
		0434	0464	0464	0494	0494	
		0524	0524	0554	0554	0594	
		0594	0624	0624	0685	0685	
		0746	0746	0836	0836	0866	
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NR-FC-Z	K	0384	0384	0414	0414	0434	33
		0434	0464	0464	0494	0494	
		0524	0524	0554	0554	0594	
		0594	0624	0624	0685	0685	
		0746	0746	0836	0836	0866	
		0866	0926	0926			
NR-FC-Z	SL-A	0384	0384	0414	0414	0434	61
		0434	0464	0464	0494	0494	
		0524	0524	0554	0554	0594	
		0594	0624	0624	0685	0685	
		0746	0746	0836	0836		
NR-FC-Z	SL-K	0384	0384	0414	0414	0434	85
		0434	0464	0464	0494	0494	
		0524	0524	0554	0554	0594	
		0594	0624	0624	0685	0685	
		0746	0746	0836	0836	0866	
	0866	0926	0926				

NR-FC-Z / A /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,39
Annual electricity consumption	Q	[kWh]	335007
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	289,10
Rated power input	D <sub>A</sub>	[kW]	90,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,18
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	269,83
Rated power input	D <sub>B</sub>	[kW]	62,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,29
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	250,55
Rated power input	D <sub>C</sub>	[kW]	50,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,01
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	231,28
Rated power input	D <sub>D</sub>	[kW]	23,38
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,89
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,00
Annual electricity consumption	Q	[kWh]	356903
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	289,10
Rated power input	D <sub>A</sub>	[kW]	90,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,18
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	269,83
Rated power input	D <sub>B</sub>	[kW]	62,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,29
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	250,55
Rated power input	D <sub>C</sub>	[kW]	50,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,01
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	231,28
Rated power input	D <sub>D</sub>	[kW]	27,68
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,36
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]	2088

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

NR-FC-Z / A /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,43
Annual electricity consumption	Q	[kWh]	359454
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	312,08
Rated power input	D <sub>A</sub>	[kW]	97,80
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,19
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	291,29
Rated power input	D <sub>B</sub>	[kW]	67,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	270,49
Rated power input	D <sub>C</sub>	[kW]	52,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	119,00
Rated power input	D <sub>D</sub>	[kW]	18,90
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 CO2eq]	2088

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

NR-FC-Z /NG /A /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,07
Annual electricity consumption	Q	[kWh]	381174
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	312,08
Rated power input	D <sub>A</sub>	[kW]	97,80
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,19
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	291,29
Rated power input	D <sub>B</sub>	[kW]	67,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	270,49
Rated power input	D <sub>C</sub>	[kW]	52,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	119,00
Rated power input	D <sub>D</sub>	[kW]	18,90
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 CO2eq]	2088

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



NR-FC-Z / A /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,54
Annual electricity consumption	Q	[kWh]	379820
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	335,00
Rated power input	D <sub>A</sub>	[kW]	103,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	312,67
Rated power input	D <sub>B</sub>	[kW]	71,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,38
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	290,33
Rated power input	D <sub>C</sub>	[kW]	55,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,22
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	119,00
Rated power input	D <sub>D</sub>	[kW]	18,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,40
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,13
Annual electricity consumption	Q	[kWh]	404947
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	335,00
Rated power input	D <sub>A</sub>	[kW]	103,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	312,67
Rated power input	D <sub>B</sub>	[kW]	71,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,38
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	290,33
Rated power input	D <sub>C</sub>	[kW]	55,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,22
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	119,00
Rated power input	D <sub>D</sub>	[kW]	18,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,40
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z / A /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,40
Annual electricity consumption	Q	[kWh]	411918
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	355,70
Rated power input	D <sub>A</sub>	[kW]	110,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	331,99
Rated power input	D <sub>B</sub>	[kW]	76,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,36
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	308,27
Rated power input	D <sub>C</sub>	[kW]	60,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,14
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	120,10
Rated power input	D <sub>D</sub>	[kW]	20,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,05
Annual electricity consumption	Q	[kWh]	435465
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	355,70
Rated power input	D <sub>A</sub>	[kW]	110,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	331,99
Rated power input	D <sub>B</sub>	[kW]	76,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,36
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	308,27
Rated power input	D <sub>C</sub>	[kW]	60,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,14
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	120,10
Rated power input	D <sub>D</sub>	[kW]	20,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z / A /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,33
Annual electricity consumption	Q	[kWh]	441916
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	377,70
Rated power input	D <sub>A</sub>	[kW]	116,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,24
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	352,52
Rated power input	D <sub>B</sub>	[kW]	81,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	327,34
Rated power input	D <sub>C</sub>	[kW]	65,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,02
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	120,10
Rated power input	D <sub>D</sub>	[kW]	20,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,86
Annual electricity consumption	Q	[kWh]	477910
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	377,70
Rated power input	D <sub>A</sub>	[kW]	116,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,24
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	352,52
Rated power input	D <sub>B</sub>	[kW]	81,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	327,34
Rated power input	D <sub>C</sub>	[kW]	65,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,02
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	302,16
Rated power input	D <sub>D</sub>	[kW]	38,81
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,79
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z / A /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,26
Annual electricity consumption	Q	[kWh]	478087
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	404,17
Rated power input	D <sub>A</sub>	[kW]	124,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	377,25
Rated power input	D <sub>B</sub>	[kW]	87,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	350,31
Rated power input	D <sub>C</sub>	[kW]	69,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	149,30
Rated power input	D <sub>D</sub>	[kW]	25,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,77
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,81
Annual electricity consumption	Q	[kWh]	515251
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	404,17
Rated power input	D <sub>A</sub>	[kW]	124,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	377,25
Rated power input	D <sub>B</sub>	[kW]	87,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	350,31
Rated power input	D <sub>C</sub>	[kW]	69,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	149,30
Rated power input	D <sub>D</sub>	[kW]	25,90
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,77
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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



NR-FC-Z / A /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,41
Annual electricity consumption	Q	[kWh]	493085
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	426,67
Rated power input	D <sub>A</sub>	[kW]	132,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	398,25
Rated power input	D <sub>B</sub>	[kW]	91,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	369,81
Rated power input	D <sub>C</sub>	[kW]	72,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	149,00
Rated power input	D <sub>D</sub>	[kW]	24,10
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]	2088

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

NR-FC-Z /NG /A /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,96
Annual electricity consumption	Q	[kWh]	530136
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	426,67
Rated power input	D <sub>A</sub>	[kW]	132,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	398,25
Rated power input	D <sub>B</sub>	[kW]	91,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	369,81
Rated power input	D <sub>C</sub>	[kW]	72,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	341,36
Rated power input	D <sub>D</sub>	[kW]	42,61
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,01
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z / A / 0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,31
Annual electricity consumption	Q	[kWh]	537041
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	457,30
Rated power input	D <sub>A</sub>	[kW]	140,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	426,81
Rated power input	D <sub>B</sub>	[kW]	98,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,32
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	396,33
Rated power input	D <sub>C</sub>	[kW]	79,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,02
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	151,40
Rated power input	D <sub>D</sub>	[kW]	26,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,79
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,86
Annual electricity consumption	Q	[kWh]	578523
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	457,30
Rated power input	D <sub>A</sub>	[kW]	140,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	426,81
Rated power input	D <sub>B</sub>	[kW]	98,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,32
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	396,33
Rated power input	D <sub>C</sub>	[kW]	79,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,02
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	365,84
Rated power input	D <sub>D</sub>	[kW]	46,86
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,81
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z / A /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,29
Annual electricity consumption	Q	[kWh]	572214
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	485,87
Rated power input	D <sub>A</sub>	[kW]	148,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,28
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	453,51
Rated power input	D <sub>B</sub>	[kW]	105,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,31
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	421,11
Rated power input	D <sub>C</sub>	[kW]	85,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,95
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	152,10
Rated power input	D <sub>D</sub>	[kW]	26,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,82
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,89
Annual electricity consumption	Q	[kWh]	611112
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	485,87
Rated power input	D <sub>A</sub>	[kW]	148,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,28
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	453,51
Rated power input	D <sub>B</sub>	[kW]	105,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,31
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	421,11
Rated power input	D <sub>C</sub>	[kW]	85,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,95
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	388,72
Rated power input	D <sub>D</sub>	[kW]	48,38
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,04
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z / A / 0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,42
Annual electricity consumption	Q	[kWh]	605575
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	524,57
Rated power input	D <sub>A</sub>	[kW]	161,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	489,63
Rated power input	D <sub>B</sub>	[kW]	113,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,30
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	454,65
Rated power input	D <sub>C</sub>	[kW]	90,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	419,68
Rated power input	D <sub>D</sub>	[kW]	42,25
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,93
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,97
Annual electricity consumption	Q	[kWh]	651220
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	524,57
Rated power input	D <sub>A</sub>	[kW]	161,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	489,63
Rated power input	D <sub>B</sub>	[kW]	113,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,30
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	454,65
Rated power input	D <sub>C</sub>	[kW]	90,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	419,68
Rated power input	D <sub>D</sub>	[kW]	51,25
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,19
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z / A /0746			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,79
Annual electricity consumption	Q	[kWh]	617433
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	566,17
Rated power input	D <sub>A</sub>	[kW]	174,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	528,45
Rated power input	D <sub>B</sub>	[kW]	119,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,42
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	490,71
Rated power input	D <sub>C</sub>	[kW]	87,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,64
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	452,96
Rated power input	D <sub>D</sub>	[kW]	45,03
Declared energy efficiency ratio	EER <sub>DC,D</sub>		10,06
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0746			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,29
Annual electricity consumption	Q	[kWh]	666863
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	566,17
Rated power input	D <sub>A</sub>	[kW]	174,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	528,45
Rated power input	D <sub>B</sub>	[kW]	119,60
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,42
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	490,71
Rated power input	D <sub>C</sub>	[kW]	87,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,64
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	452,96
Rated power input	D <sub>D</sub>	[kW]	55,13
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,22
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z / A / 0836			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,62
Annual electricity consumption	Q	[kWh]	716971
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	640,27
Rated power input	D <sub>A</sub>	[kW]	198,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	597,61
Rated power input	D <sub>B</sub>	[kW]	138,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	554,93
Rated power input	D <sub>C</sub>	[kW]	101,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,46
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	512,24
Rated power input	D <sub>D</sub>	[kW]	52,17
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,82
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0836			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,15
Annual electricity consumption	Q	[kWh]	772011
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	640,27
Rated power input	D <sub>A</sub>	[kW]	198,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	597,61
Rated power input	D <sub>B</sub>	[kW]	138,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	554,93
Rated power input	D <sub>C</sub>	[kW]	101,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,46
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	512,24
Rated power input	D <sub>D</sub>	[kW]	63,37
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,08
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z / A / 0866			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,52
Annual electricity consumption	Q	[kWh]	758605
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	667,80
Rated power input	D <sub>A</sub>	[kW]	206,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	623,28
Rated power input	D <sub>B</sub>	[kW]	145,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,28
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	578,76
Rated power input	D <sub>C</sub>	[kW]	106,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,43
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	534,24
Rated power input	D <sub>D</sub>	[kW]	55,95
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,55
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0866			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,86
Annual electricity consumption	Q	[kWh]	844179
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	667,80
Rated power input	D <sub>A</sub>	[kW]	206,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	623,28
Rated power input	D <sub>B</sub>	[kW]	145,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,28
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	578,76
Rated power input	D <sub>C</sub>	[kW]	106,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,43
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	534,24
Rated power input	D <sub>D</sub>	[kW]	73,75
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,24
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z / A /0926			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,52
Annual electricity consumption	Q	[kWh]	809289
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	712,56
Rated power input	D <sub>A</sub>	[kW]	223,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,19
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	665,09
Rated power input	D <sub>B</sub>	[kW]	155,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,27
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	617,59
Rated power input	D <sub>C</sub>	[kW]	115,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,36
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	570,08
Rated power input	D <sub>D</sub>	[kW]	58,65
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,72
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /A /0926			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,88
Annual electricity consumption	Q	[kWh]	898253
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	712,56
Rated power input	D <sub>A</sub>	[kW]	223,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,19
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	665,09
Rated power input	D <sub>B</sub>	[kW]	155,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,27
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	617,59
Rated power input	D <sub>C</sub>	[kW]	115,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,36
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	570,08
Rated power input	D <sub>D</sub>	[kW]	76,95
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,41
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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



NR-FC-Z /K /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,79
Annual electricity consumption	Q	[kWh]	350130
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	273,39
Rated power input	D <sub>A</sub>	[kW]	92,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,96
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	255,17
Rated power input	D <sub>B</sub>	[kW]	65,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,90
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	236,95
Rated power input	D <sub>C</sub>	[kW]	53,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,45
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	218,72
Rated power input	D <sub>D</sub>	[kW]	24,05
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,09
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,46
Annual electricity consumption	Q	[kWh]	370791
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	273,39
Rated power input	D <sub>A</sub>	[kW]	92,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,96
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	255,17
Rated power input	D <sub>B</sub>	[kW]	65,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,90
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	236,95
Rated power input	D <sub>C</sub>	[kW]	53,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,45
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	218,72
Rated power input	D <sub>D</sub>	[kW]	28,05
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,80
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /K /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,68
Annual electricity consumption	Q	[kWh]	377217
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	289,27
Rated power input	D <sub>A</sub>	[kW]	99,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,91
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	270,01
Rated power input	D <sub>B</sub>	[kW]	70,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,84
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	250,73
Rated power input	D <sub>C</sub>	[kW]	56,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,44
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	113,10
Rated power input	D <sub>D</sub>	[kW]	22,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,01
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,39
Annual electricity consumption	Q	[kWh]	397711
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	289,27
Rated power input	D <sub>A</sub>	[kW]	99,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,91
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	270,01
Rated power input	D <sub>B</sub>	[kW]	70,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,84
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	250,73
Rated power input	D <sub>C</sub>	[kW]	56,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,44
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	231,44
Rated power input	D <sub>D</sub>	[kW]	30,34
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,63
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /K /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,90
Annual electricity consumption	Q	[kWh]	390385
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	311,08
Rated power input	D <sub>A</sub>	[kW]	105,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,95
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	290,36
Rated power input	D <sub>B</sub>	[kW]	73,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,98
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	269,62
Rated power input	D <sub>C</sub>	[kW]	58,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,62
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	115,00
Rated power input	D <sub>D</sub>	[kW]	23,70
Declared energy efficiency ratio	EER <sub>DC,D</sub>		4,85
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,59
Annual electricity consumption	Q	[kWh]	412388
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	311,08
Rated power input	D <sub>A</sub>	[kW]	105,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,95
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	290,36
Rated power input	D <sub>B</sub>	[kW]	73,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,98
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	269,62
Rated power input	D <sub>C</sub>	[kW]	58,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,62
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	248,88
Rated power input	D <sub>D</sub>	[kW]	31,54
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,89
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /K /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,93
Annual electricity consumption	Q	[kWh]	414895
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	332,30
Rated power input	D <sub>A</sub>	[kW]	112,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,96
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	310,15
Rated power input	D <sub>B</sub>	[kW]	77,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,99
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	287,99
Rated power input	D <sub>C</sub>	[kW]	62,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,64
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	265,84
Rated power input	D <sub>D</sub>	[kW]	28,87
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,21
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,62
Annual electricity consumption	Q	[kWh]	438455
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	332,30
Rated power input	D <sub>A</sub>	[kW]	112,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,96
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	310,15
Rated power input	D <sub>B</sub>	[kW]	77,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,99
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	287,99
Rated power input	D <sub>C</sub>	[kW]	62,10
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,64
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	265,84
Rated power input	D <sub>D</sub>	[kW]	33,47
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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



NR-FC-Z /K /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,88
Annual electricity consumption	Q	[kWh]	447534
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	355,30
Rated power input	D <sub>A</sub>	[kW]	118,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,01
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	331,61
Rated power input	D <sub>B</sub>	[kW]	83,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,96
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	307,93
Rated power input	D <sub>C</sub>	[kW]	68,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,51
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	284,24
Rated power input	D <sub>D</sub>	[kW]	30,57
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,30
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,48
Annual electricity consumption	Q	[kWh]	480493
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	355,30
Rated power input	D <sub>A</sub>	[kW]	118,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,01
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	331,61
Rated power input	D <sub>B</sub>	[kW]	83,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,96
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	307,93
Rated power input	D <sub>C</sub>	[kW]	68,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,51
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	284,24
Rated power input	D <sub>D</sub>	[kW]	36,97
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,69
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /K /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,69
Annual electricity consumption	Q	[kWh]	488108
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	375,07
Rated power input	D <sub>A</sub>	[kW]	126,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	350,09
Rated power input	D <sub>B</sub>	[kW]	90,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,89
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	325,09
Rated power input	D <sub>C</sub>	[kW]	73,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,44
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	143,90
Rated power input	D <sub>D</sub>	[kW]	29,50
Declared energy efficiency ratio	EER <sub>DC,D</sub>		4,88
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,31
Annual electricity consumption	Q	[kWh]	523619
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	375,07
Rated power input	D <sub>A</sub>	[kW]	126,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	350,09
Rated power input	D <sub>B</sub>	[kW]	90,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,89
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	325,09
Rated power input	D <sub>C</sub>	[kW]	73,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,44
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	300,08
Rated power input	D <sub>D</sub>	[kW]	41,32
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 CO2eq]	2088

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

NR-FC-Z /K /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,77
Annual electricity consumption	Q	[kWh]	513559
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	399,66
Rated power input	D <sub>A</sub>	[kW]	135,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,96
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	373,05
Rated power input	D <sub>B</sub>	[kW]	94,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,94
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	346,41
Rated power input	D <sub>C</sub>	[kW]	75,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,58
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	319,76
Rated power input	D <sub>D</sub>	[kW]	36,74
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,70
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,40
Annual electricity consumption	Q	[kWh]	548729
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	399,66
Rated power input	D <sub>A</sub>	[kW]	135,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,96
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	373,05
Rated power input	D <sub>B</sub>	[kW]	94,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,94
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	346,41
Rated power input	D <sub>C</sub>	[kW]	75,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,58
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	319,76
Rated power input	D <sub>D</sub>	[kW]	43,74
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,31
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /K /0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,83
Annual electricity consumption	Q	[kWh]	544168
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	427,90
Rated power input	D <sub>A</sub>	[kW]	142,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	399,37
Rated power input	D <sub>B</sub>	[kW]	101,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,95
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	370,85
Rated power input	D <sub>C</sub>	[kW]	81,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,54
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	342,32
Rated power input	D <sub>D</sub>	[kW]	38,06
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,99
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,46
Annual electricity consumption	Q	[kWh]	580347
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	427,90
Rated power input	D <sub>A</sub>	[kW]	142,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	399,37
Rated power input	D <sub>B</sub>	[kW]	101,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,95
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	370,85
Rated power input	D <sub>C</sub>	[kW]	81,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,54
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	342,32
Rated power input	D <sub>D</sub>	[kW]	45,16
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,58
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /K /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,79
Annual electricity consumption	Q	[kWh]	581455
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	454,50
Rated power input	D <sub>A</sub>	[kW]	150,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,03
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	424,20
Rated power input	D <sub>B</sub>	[kW]	108,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,93
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	393,90
Rated power input	D <sub>C</sub>	[kW]	88,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,45
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	363,60
Rated power input	D <sub>D</sub>	[kW]	40,05
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,08
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,43
Annual electricity consumption	Q	[kWh]	620555
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	454,50
Rated power input	D <sub>A</sub>	[kW]	150,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,03
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	424,20
Rated power input	D <sub>B</sub>	[kW]	108,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,93
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	393,90
Rated power input	D <sub>C</sub>	[kW]	88,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,45
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	363,60
Rated power input	D <sub>D</sub>	[kW]	47,65
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,63
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /K /0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,88
Annual electricity consumption	Q	[kWh]	615945
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	489,10
Rated power input	D <sub>A</sub>	[kW]	164,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	456,49
Rated power input	D <sub>B</sub>	[kW]	117,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,89
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	423,89
Rated power input	D <sub>C</sub>	[kW]	93,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,54
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	391,28
Rated power input	D <sub>D</sub>	[kW]	41,87
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,35
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,53
Annual electricity consumption	Q	[kWh]	655717
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	489,10
Rated power input	D <sub>A</sub>	[kW]	164,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	456,49
Rated power input	D <sub>B</sub>	[kW]	117,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,89
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	423,89
Rated power input	D <sub>C</sub>	[kW]	93,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,54
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	391,28
Rated power input	D <sub>D</sub>	[kW]	49,57
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,89
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /K /0746			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,28
Annual electricity consumption	Q	[kWh]	632617
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	536,16
Rated power input	D <sub>A</sub>	[kW]	176,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,04
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	500,45
Rated power input	D <sub>B</sub>	[kW]	123,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,05
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	464,71
Rated power input	D <sub>C</sub>	[kW]	91,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,06
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	428,96
Rated power input	D <sub>D</sub>	[kW]	44,45
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,65
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0746			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,87
Annual electricity consumption	Q	[kWh]	676820
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	536,16
Rated power input	D <sub>A</sub>	[kW]	176,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,04
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	500,45
Rated power input	D <sub>B</sub>	[kW]	123,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,05
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	464,71
Rated power input	D <sub>C</sub>	[kW]	91,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,06
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	428,96
Rated power input	D <sub>D</sub>	[kW]	53,25
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,06
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /K /0836			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,19
Annual electricity consumption	Q	[kWh]	723186
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	603,77
Rated power input	D <sub>A</sub>	[kW]	203,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	563,55
Rated power input	D <sub>B</sub>	[kW]	142,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,94
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	523,29
Rated power input	D <sub>C</sub>	[kW]	104,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	483,04
Rated power input	D <sub>D</sub>	[kW]	50,99
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,47
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0836			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,82
Annual electricity consumption	Q	[kWh]	769328
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	603,77
Rated power input	D <sub>A</sub>	[kW]	203,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	563,55
Rated power input	D <sub>B</sub>	[kW]	142,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,94
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	523,29
Rated power input	D <sub>C</sub>	[kW]	104,00
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	483,04
Rated power input	D <sub>D</sub>	[kW]	60,19
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,02
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /K /0866			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,96
Annual electricity consumption	Q	[kWh]	781047
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	627,89
Rated power input	D <sub>A</sub>	[kW]	210,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,99
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	586,04
Rated power input	D <sub>B</sub>	[kW]	149,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,93
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	544,18
Rated power input	D <sub>C</sub>	[kW]	113,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,80
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	502,32
Rated power input	D <sub>D</sub>	[kW]	55,78
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,01
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0866			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,56
Annual electricity consumption	Q	[kWh]	836004
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	627,89
Rated power input	D <sub>A</sub>	[kW]	210,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,99
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	586,04
Rated power input	D <sub>B</sub>	[kW]	149,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,93
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	544,18
Rated power input	D <sub>C</sub>	[kW]	113,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,80
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	502,32
Rated power input	D <sub>D</sub>	[kW]	66,78
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,52
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /K /0926			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,06
Annual electricity consumption	Q	[kWh]	825347
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	675,20
Rated power input	D <sub>A</sub>	[kW]	227,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	630,19
Rated power input	D <sub>B</sub>	[kW]	160,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,93
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	585,17
Rated power input	D <sub>C</sub>	[kW]	119,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,90
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	540,16
Rated power input	D <sub>D</sub>	[kW]	58,43
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,25
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /K /0926			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,54
Annual electricity consumption	Q	[kWh]	902683
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	675,20
Rated power input	D <sub>A</sub>	[kW]	227,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	630,19
Rated power input	D <sub>B</sub>	[kW]	160,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,93
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	585,17
Rated power input	D <sub>C</sub>	[kW]	119,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,90
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	540,16
Rated power input	D <sub>D</sub>	[kW]	74,03
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,30
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,49
Annual electricity consumption	Q	[kWh]	319434
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	279,76
Rated power input	D <sub>A</sub>	[kW]	86,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,24
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	261,15
Rated power input	D <sub>B</sub>	[kW]	59,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,36
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	242,49
Rated power input	D <sub>C</sub>	[kW]	47,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,07
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	223,84
Rated power input	D <sub>D</sub>	[kW]	22,24
Declared energy efficiency ratio	EER <sub>DC,D</sub>		10,06
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /SL-A /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		7,02
Annual electricity consumption	Q	[kWh]	295468
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	279,76
Rated power input	D <sub>A</sub>	[kW]	86,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,24
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	261,15
Rated power input	D <sub>B</sub>	[kW]	59,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,36
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	242,49
Rated power input	D <sub>C</sub>	[kW]	47,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,07
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	89,60
Rated power input	D <sub>D</sub>	[kW]	14,10
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,34
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,29
Annual electricity consumption	Q	[kWh]	351246
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	298,40
Rated power input	D <sub>A</sub>	[kW]	93,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,19
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	278,51
Rated power input	D <sub>B</sub>	[kW]	65,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,28
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	258,61
Rated power input	D <sub>C</sub>	[kW]	51,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,99
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	114,10
Rated power input	D <sub>D</sub>	[kW]	18,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,26
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,71
Annual electricity consumption	Q	[kWh]	329349
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	298,40
Rated power input	D <sub>A</sub>	[kW]	93,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,19
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	278,51
Rated power input	D <sub>B</sub>	[kW]	65,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,28
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	258,61
Rated power input	D <sub>C</sub>	[kW]	51,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,99
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	114,10
Rated power input	D <sub>D</sub>	[kW]	18,20
Declared energy efficiency ratio	EER <sub>DC,D</sub>		6,26
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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



NR-FC-Z /NG /SL-A /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,25
Annual electricity consumption	Q	[kWh]	373189
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	315,00
Rated power input	D <sub>A</sub>	[kW]	100,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,14
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	294,00
Rated power input	D <sub>B</sub>	[kW]	68,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,28
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	273,00
Rated power input	D <sub>C</sub>	[kW]	53,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,10
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	252,00
Rated power input	D <sub>D</sub>	[kW]	27,52
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,16
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,65
Annual electricity consumption	Q	[kWh]	350739
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	315,00
Rated power input	D <sub>A</sub>	[kW]	100,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,14
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	294,00
Rated power input	D <sub>B</sub>	[kW]	68,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,28
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	273,00
Rated power input	D <sub>C</sub>	[kW]	53,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,10
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	117,50
Rated power input	D <sub>D</sub>	[kW]	19,70
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 CO2eq]	2088

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NR-FC-Z /NG /SL-A /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,54
Annual electricity consumption	Q	[kWh]	388381
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	342,70
Rated power input	D <sub>A</sub>	[kW]	104,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,28
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	319,85
Rated power input	D <sub>B</sub>	[kW]	72,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,42
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	297,01
Rated power input	D <sub>C</sub>	[kW]	56,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,23
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	274,16
Rated power input	D <sub>D</sub>	[kW]	27,87
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,84
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,99
Annual electricity consumption	Q	[kWh]	363387
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	342,70
Rated power input	D <sub>A</sub>	[kW]	104,50
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,28
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	319,85
Rated power input	D <sub>B</sub>	[kW]	72,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,42
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	297,01
Rated power input	D <sub>C</sub>	[kW]	56,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,23
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	117,40
Rated power input	D <sub>D</sub>	[kW]	19,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,27
Annual electricity consumption	Q	[kWh]	429105
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	362,90
Rated power input	D <sub>A</sub>	[kW]	111,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	338,71
Rated power input	D <sub>B</sub>	[kW]	77,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,38
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	314,51
Rated power input	D <sub>C</sub>	[kW]	61,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,08
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	290,32
Rated power input	D <sub>D</sub>	[kW]	31,86
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,11
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,80
Annual electricity consumption	Q	[kWh]	395400
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	362,90
Rated power input	D <sub>A</sub>	[kW]	111,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	338,71
Rated power input	D <sub>B</sub>	[kW]	77,30
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,38
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	314,51
Rated power input	D <sub>C</sub>	[kW]	61,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,08
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	117,40
Rated power input	D <sub>D</sub>	[kW]	19,80
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,14
Annual electricity consumption	Q	[kWh]	467649
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	387,38
Rated power input	D <sub>A</sub>	[kW]	119,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,24
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	361,57
Rated power input	D <sub>B</sub>	[kW]	83,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,36
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	335,75
Rated power input	D <sub>C</sub>	[kW]	66,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,07
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	146,00
Rated power input	D <sub>D</sub>	[kW]	25,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,74
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,62
Annual electricity consumption	Q	[kWh]	433551
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	387,38
Rated power input	D <sub>A</sub>	[kW]	119,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,24
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	361,57
Rated power input	D <sub>B</sub>	[kW]	83,00
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,36
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	335,75
Rated power input	D <sub>C</sub>	[kW]	66,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,07
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	146,00
Rated power input	D <sub>D</sub>	[kW]	25,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,74
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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



NR-FC-Z /NG /SL-A /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,26
Annual electricity consumption	Q	[kWh]	486609
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	410,79
Rated power input	D <sub>A</sub>	[kW]	128,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,21
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	383,41
Rated power input	D <sub>B</sub>	[kW]	88,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	356,03
Rated power input	D <sub>C</sub>	[kW]	69,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	328,64
Rated power input	D <sub>D</sub>	[kW]	36,25
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,07
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,76
Annual electricity consumption	Q	[kWh]	450490
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	410,79
Rated power input	D <sub>A</sub>	[kW]	128,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,21
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	383,41
Rated power input	D <sub>B</sub>	[kW]	88,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,33
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	356,03
Rated power input	D <sub>C</sub>	[kW]	69,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	146,30
Rated power input	D <sub>D</sub>	[kW]	23,60
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 CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,39
Annual electricity consumption	Q	[kWh]	518171
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	446,70
Rated power input	D <sub>A</sub>	[kW]	134,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,33
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	416,92
Rated power input	D <sub>B</sub>	[kW]	94,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,43
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	387,14
Rated power input	D <sub>C</sub>	[kW]	74,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,19
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	357,36
Rated power input	D <sub>D</sub>	[kW]	38,38
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,31
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,91
Annual electricity consumption	Q	[kWh]	479261
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	446,70
Rated power input	D <sub>A</sub>	[kW]	134,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,33
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	416,92
Rated power input	D <sub>B</sub>	[kW]	94,20
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,43
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	387,14
Rated power input	D <sub>C</sub>	[kW]	74,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,19
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	150,10
Rated power input	D <sub>D</sub>	[kW]	25,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,86
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,19
Annual electricity consumption	Q	[kWh]	558449
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	466,40
Rated power input	D <sub>A</sub>	[kW]	142,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,27
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	435,31
Rated power input	D <sub>B</sub>	[kW]	100,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,35
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	404,21
Rated power input	D <sub>C</sub>	[kW]	80,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	373,12
Rated power input	D <sub>D</sub>	[kW]	41,75
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,69
Annual electricity consumption	Q	[kWh]	516541
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	466,40
Rated power input	D <sub>A</sub>	[kW]	142,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,27
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	435,31
Rated power input	D <sub>B</sub>	[kW]	100,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,35
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	404,21
Rated power input	D <sub>C</sub>	[kW]	80,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,03
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	373,12
Rated power input	D <sub>D</sub>	[kW]	33,75
Declared energy efficiency ratio	EER <sub>DC,D</sub>		11,06
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,64
Annual electricity consumption	Q	[kWh]	569312
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	509,98
Rated power input	D <sub>A</sub>	[kW]	153,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,32
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	476,00
Rated power input	D <sub>B</sub>	[kW]	106,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,47
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	442,00
Rated power input	D <sub>C</sub>	[kW]	83,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,27
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	408,00
Rated power input	D <sub>D</sub>	[kW]	40,38
Declared energy efficiency ratio	EER <sub>DC,D</sub>		10,10
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		7,14
Annual electricity consumption	Q	[kWh]	529031
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	509,98
Rated power input	D <sub>A</sub>	[kW]	153,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,32
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	476,00
Rated power input	D <sub>B</sub>	[kW]	106,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,47
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	442,00
Rated power input	D <sub>C</sub>	[kW]	83,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,27
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	408,00
Rated power input	D <sub>D</sub>	[kW]	32,88
Declared energy efficiency ratio	EER <sub>DC,D</sub>		12,41
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /NG /SL-A /0746			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,68
Annual electricity consumption	Q	[kWh]	602579
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	542,90
Rated power input	D <sub>A</sub>	[kW]	168,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	506,71
Rated power input	D <sub>B</sub>	[kW]	114,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,41
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	470,51
Rated power input	D <sub>C</sub>	[kW]	82,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,69
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	434,32
Rated power input	D <sub>D</sub>	[kW]	45,63
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,52
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0746			
-			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		7,22
Annual electricity consumption	Q	[kWh]	556850
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	542,90
Rated power input	D <sub>A</sub>	[kW]	168,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,23
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	506,71
Rated power input	D <sub>B</sub>	[kW]	114,90
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,41
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	470,51
Rated power input	D <sub>C</sub>	[kW]	82,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,69
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	434,32
Rated power input	D <sub>D</sub>	[kW]	36,73
Declared energy efficiency ratio	EER <sub>DC,D</sub>		11,82
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-A /0836			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,36
Annual electricity consumption	Q	[kWh]	722868
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	620,56
Rated power input	D <sub>A</sub>	[kW]	191,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	579,23
Rated power input	D <sub>B</sub>	[kW]	132,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,37
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	537,85
Rated power input	D <sub>C</sub>	[kW]	96,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,57
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	496,48
Rated power input	D <sub>D</sub>	[kW]	57,70
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,60
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-A /0836			
-			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		7,11
Annual electricity consumption	Q	[kWh]	646330
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	620,56
Rated power input	D <sub>A</sub>	[kW]	191,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,25
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	579,23
Rated power input	D <sub>B</sub>	[kW]	132,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,37
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	537,85
Rated power input	D <sub>C</sub>	[kW]	96,50
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,57
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	496,48
Rated power input	D <sub>D</sub>	[kW]	42,60
Declared energy efficiency ratio	EER <sub>DC,D</sub>		11,65
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-K /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,76
Annual electricity consumption	Q	[kWh]	349357
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	271,80
Rated power input	D <sub>A</sub>	[kW]	91,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,98
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	253,68
Rated power input	D <sub>B</sub>	[kW]	62,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,04
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	235,56
Rated power input	D <sub>C</sub>	[kW]	50,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,69
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	217,44
Rated power input	D <sub>D</sub>	[kW]	26,07
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,34
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0384			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,13
Annual electricity consumption	Q	[kWh]	328549
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	271,80
Rated power input	D <sub>A</sub>	[kW]	91,20
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,98
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	253,68
Rated power input	D <sub>B</sub>	[kW]	62,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,04
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	235,56
Rated power input	D <sub>C</sub>	[kW]	50,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,69
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	217,44
Rated power input	D <sub>D</sub>	[kW]	22,07
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,85
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-K /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,69
Annual electricity consumption	Q	[kWh]	375174
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	288,18
Rated power input	D <sub>A</sub>	[kW]	98,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,94
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	268,99
Rated power input	D <sub>B</sub>	[kW]	67,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,99
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	249,77
Rated power input	D <sub>C</sub>	[kW]	53,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,66
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	230,56
Rated power input	D <sub>D</sub>	[kW]	28,16
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,19
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0414			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,01
Annual electricity consumption	Q	[kWh]	355028
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	288,18
Rated power input	D <sub>A</sub>	[kW]	98,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,94
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	268,99
Rated power input	D <sub>B</sub>	[kW]	67,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,99
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	249,77
Rated power input	D <sub>C</sub>	[kW]	53,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,66
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	113,90
Rated power input	D <sub>D</sub>	[kW]	22,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,18
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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



NR-FC-Z /NG /SL-K /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,86
Annual electricity consumption	Q	[kWh]	392184
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	310,18
Rated power input	D <sub>A</sub>	[kW]	103,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	289,52
Rated power input	D <sub>B</sub>	[kW]	71,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,03
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	268,84
Rated power input	D <sub>C</sub>	[kW]	56,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,74
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	248,16
Rated power input	D <sub>D</sub>	[kW]	28,78
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,63
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0434			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,21
Annual electricity consumption	Q	[kWh]	370199
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	310,18
Rated power input	D <sub>A</sub>	[kW]	103,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	289,52
Rated power input	D <sub>B</sub>	[kW]	71,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,03
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	268,84
Rated power input	D <sub>C</sub>	[kW]	56,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,74
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	113,90
Rated power input	D <sub>D</sub>	[kW]	22,00
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,18
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-K /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,69
Annual electricity consumption	Q	[kWh]	430313
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	330,40
Rated power input	D <sub>A</sub>	[kW]	110,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,98
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	308,37
Rated power input	D <sub>B</sub>	[kW]	77,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,00
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	286,35
Rated power input	D <sub>C</sub>	[kW]	62,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,60
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	264,32
Rated power input	D <sub>D</sub>	[kW]	31,98
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,27
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0464			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,01
Annual electricity consumption	Q	[kWh]	407414
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	330,40
Rated power input	D <sub>A</sub>	[kW]	110,90
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,98
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	308,37
Rated power input	D <sub>B</sub>	[kW]	77,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,00
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	286,35
Rated power input	D <sub>C</sub>	[kW]	62,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,60
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	264,32
Rated power input	D <sub>D</sub>	[kW]	27,58
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,58
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-K /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,66
Annual electricity consumption	Q	[kWh]	460230
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	351,30
Rated power input	D <sub>A</sub>	[kW]	118,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	327,88
Rated power input	D <sub>B</sub>	[kW]	81,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,01
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	304,46
Rated power input	D <sub>C</sub>	[kW]	64,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,69
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	281,04
Rated power input	D <sub>D</sub>	[kW]	35,27
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,97
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0494			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,08
Annual electricity consumption	Q	[kWh]	428332
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	351,30
Rated power input	D <sub>A</sub>	[kW]	118,30
Rated energy efficiency ratio	EER <sub>DC,A</sub>		2,97
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	327,88
Rated power input	D <sub>B</sub>	[kW]	81,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,01
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	304,46
Rated power input	D <sub>C</sub>	[kW]	64,90
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,69
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	281,04
Rated power input	D <sub>D</sub>	[kW]	29,07
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,67
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-K /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,60
Annual electricity consumption	Q	[kWh]	499980
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	377,60
Rated power input	D <sub>A</sub>	[kW]	123,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,06
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	352,43
Rated power input	D <sub>B</sub>	[kW]	87,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,01
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	327,25
Rated power input	D <sub>C</sub>	[kW]	71,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,59
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	144,40
Rated power input	D <sub>D</sub>	[kW]	28,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,09
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0524			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,99
Annual electricity consumption	Q	[kWh]	466948
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	377,60
Rated power input	D <sub>A</sub>	[kW]	123,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,06
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	352,43
Rated power input	D <sub>B</sub>	[kW]	87,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,01
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	327,25
Rated power input	D <sub>C</sub>	[kW]	71,30
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,59
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	144,40
Rated power input	D <sub>D</sub>	[kW]	28,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,09
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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



NR-FC-Z /NG /SL-K /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,64
Annual electricity consumption	Q	[kWh]	523389
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	398,57
Rated power input	D <sub>A</sub>	[kW]	132,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,02
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	372,03
Rated power input	D <sub>B</sub>	[kW]	92,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,03
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	345,45
Rated power input	D <sub>C</sub>	[kW]	73,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,68
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	318,88
Rated power input	D <sub>D</sub>	[kW]	40,30
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,91
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0554			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,03
Annual electricity consumption	Q	[kWh]	490099
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	398,57
Rated power input	D <sub>A</sub>	[kW]	132,00
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,02
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	372,03
Rated power input	D <sub>B</sub>	[kW]	92,40
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,03
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	345,45
Rated power input	D <sub>C</sub>	[kW]	73,80
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,68
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	144,00
Rated power input	D <sub>D</sub>	[kW]	28,40
Declared energy efficiency ratio	EER <sub>DC,D</sub>		5,07
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-K /0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,67
Annual electricity consumption	Q	[kWh]	561531
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	429,80
Rated power input	D <sub>A</sub>	[kW]	141,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,04
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	401,15
Rated power input	D <sub>B</sub>	[kW]	99,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,02
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	372,49
Rated power input	D <sub>C</sub>	[kW]	79,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,68
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	343,84
Rated power input	D <sub>D</sub>	[kW]	42,84
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,03
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0594			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,04
Annual electricity consumption	Q	[kWh]	527073
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	429,80
Rated power input	D <sub>A</sub>	[kW]	141,40
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,04
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	401,15
Rated power input	D <sub>B</sub>	[kW]	99,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,02
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	372,49
Rated power input	D <sub>C</sub>	[kW]	79,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,68
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	343,84
Rated power input	D <sub>D</sub>	[kW]	36,14
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,51
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /NG /SL-K /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,67
Annual electricity consumption	Q	[kWh]	594156
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	454,90
Rated power input	D <sub>A</sub>	[kW]	146,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,10
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	424,57
Rated power input	D <sub>B</sub>	[kW]	104,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,05
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	394,25
Rated power input	D <sub>C</sub>	[kW]	85,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,61
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	363,92
Rated power input	D <sub>D</sub>	[kW]	44,77
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,13
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0624			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,07
Annual electricity consumption	Q	[kWh]	555128
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	454,90
Rated power input	D <sub>A</sub>	[kW]	146,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,10
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	424,57
Rated power input	D <sub>B</sub>	[kW]	104,80
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,05
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	394,25
Rated power input	D <sub>C</sub>	[kW]	85,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,61
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	363,92
Rated power input	D <sub>D</sub>	[kW]	37,27
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,76
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]	2088

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NR-FC-Z /NG /SL-K /0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,72
Annual electricity consumption	Q	[kWh]	628652
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	484,87
Rated power input	D <sub>A</sub>	[kW]	161,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	452,57
Rated power input	D <sub>B</sub>	[kW]	114,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,95
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	420,25
Rated power input	D <sub>C</sub>	[kW]	90,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,65
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	387,92
Rated power input	D <sub>D</sub>	[kW]	46,58
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,33
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /SL-K /0685			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,11
Annual electricity consumption	Q	[kWh]	588398
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	484,87
Rated power input	D <sub>A</sub>	[kW]	161,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	452,57
Rated power input	D <sub>B</sub>	[kW]	114,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		3,95
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	420,25
Rated power input	D <sub>C</sub>	[kW]	90,40
Declared energy efficiency ratio	EER <sub>DC,C</sub>		4,65
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	387,92
Rated power input	D <sub>D</sub>	[kW]	38,88
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,98
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /NG /SL-K /0746			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,17
Annual electricity consumption	Q	[kWh]	641978
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	534,57
Rated power input	D <sub>A</sub>	[kW]	173,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,08
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	498,96
Rated power input	D <sub>B</sub>	[kW]	119,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,17
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	463,32
Rated power input	D <sub>C</sub>	[kW]	87,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,28
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	427,68
Rated power input	D <sub>D</sub>	[kW]	49,52
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,64
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /SL-K /0746			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,62
Annual electricity consumption	Q	[kWh]	598318
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	534,57
Rated power input	D <sub>A</sub>	[kW]	173,60
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,08
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	498,96
Rated power input	D <sub>B</sub>	[kW]	119,70
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,17
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	463,32
Rated power input	D <sub>C</sub>	[kW]	87,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,28
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	427,68
Rated power input	D <sub>D</sub>	[kW]	40,92
Declared energy efficiency ratio	EER <sub>DC,D</sub>		10,45
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]	2088

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NR-FC-Z /NG /SL-K /0836			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,04
Annual electricity consumption	Q	[kWh]	741696
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	605,06
Rated power input	D <sub>A</sub>	[kW]	197,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,07
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	564,76
Rated power input	D <sub>B</sub>	[kW]	137,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,11
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	524,42
Rated power input	D <sub>C</sub>	[kW]	102,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	484,08
Rated power input	D <sub>D</sub>	[kW]	56,62
Declared energy efficiency ratio	EER <sub>DC,D</sub>		8,55
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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

NR-FC-Z /SL-K /0836			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,48
Annual electricity consumption	Q	[kWh]	692075
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	605,06
Rated power input	D <sub>A</sub>	[kW]	197,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,07
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	564,76
Rated power input	D <sub>B</sub>	[kW]	137,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,11
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	524,42
Rated power input	D <sub>C</sub>	[kW]	102,70
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,11
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	484,08
Rated power input	D <sub>D</sub>	[kW]	46,92
Declared energy efficiency ratio	EER <sub>DC,D</sub>		10,32
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]	2088

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NR-FC-Z /NG /SL-K /0866			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,67
Annual electricity consumption	Q	[kWh]	812067
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	621,35
Rated power input	D <sub>A</sub>	[kW]	205,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,03
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	579,97
Rated power input	D <sub>B</sub>	[kW]	144,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,02
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	538,55
Rated power input	D <sub>C</sub>	[kW]	106,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,05
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	497,12
Rated power input	D <sub>D</sub>	[kW]	67,15
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,40
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /SL-K /0866			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,25
Annual electricity consumption	Q	[kWh]	736372
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	621,35
Rated power input	D <sub>A</sub>	[kW]	205,10
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,03
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	579,97
Rated power input	D <sub>B</sub>	[kW]	144,10
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,02
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	538,55
Rated power input	D <sub>C</sub>	[kW]	106,60
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,05
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	497,12
Rated power input	D <sub>D</sub>	[kW]	51,85
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,59
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /NG /SL-K /0926			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		5,77
Annual electricity consumption	Q	[kWh]	861005
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	670,96
Rated power input	D <sub>A</sub>	[kW]	223,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	626,27
Rated power input	D <sub>B</sub>	[kW]	155,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,03
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	581,53
Rated power input	D <sub>C</sub>	[kW]	114,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,09
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	536,80
Rated power input	D <sub>D</sub>	[kW]	69,75
Declared energy efficiency ratio	EER <sub>DC,D</sub>		7,70
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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NR-FC-Z /SL-K /0926			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	7
Seasonal energy performance ratio	SEPR		6,33
Annual electricity consumption	Q	[kWh]	785180
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P <sub>A</sub>	[kW]	670,96
Rated power input	D <sub>A</sub>	[kW]	223,70
Rated energy efficiency ratio	EER <sub>DC,A</sub>		3,00
Parameters at rating point B			
Rated refrigeration capacity	P <sub>B</sub>	[kW]	626,27
Rated power input	D <sub>B</sub>	[kW]	155,50
Declared energy efficiency ratio	EER <sub>DC,B</sub>		4,03
Parameters at rating point C			
Rated refrigeration capacity	P <sub>C</sub>	[kW]	581,53
Rated power input	D <sub>C</sub>	[kW]	114,20
Declared energy efficiency ratio	EER <sub>DC,C</sub>		5,09
Parameters at rating point D			
Rated refrigeration capacity	P <sub>D</sub>	[kW]	536,80
Rated power input	D <sub>D</sub>	[kW]	54,55
Declared energy efficiency ratio	EER <sub>DC,D</sub>		9,84
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C <sub>DC</sub>		0,9
GWP of the refrigerant		[Kg CO2eq]	2088

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





for a greener tomorrow

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



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