

ERACS2-Q-G05-Y /CA 2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,00
Annual electricity consumption	Q	[kWh]	1042694
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	699,69
Rated power input	D _A	[kW]	233,20
Rated energy efficiency ratio	EER _{DC,A}		3,00
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	653,05
Rated power input	D _B	[kW]	160,80
Declared energy efficiency ratio	EER _{DC,B}		4,06
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	606,41
Rated power input	D _C	[kW]	120,60
Declared energy efficiency ratio	EER _{DC,C}		5,03
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	559,76
Rated power input	D _D	[kW]	104,10
Declared energy efficiency ratio	EER _{DC,D}		5,38
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO ₂ eq]	631

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

ERACS2-Q-G05-Y /CA 3222			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,01
Annual electricity consumption	Q	[kWh]	1214987
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	823,60
Rated power input	D _A	[kW]	276,40
Rated energy efficiency ratio	EER _{DC,A}		2,98
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	768,69
Rated power input	D _B	[kW]	187,40
Declared energy efficiency ratio	EER _{DC,B}		4,10
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	713,79
Rated power input	D _C	[kW]	140,80
Declared energy efficiency ratio	EER _{DC,C}		5,07
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	658,88
Rated power input	D _D	[kW]	121,00
Declared energy efficiency ratio	EER _{DC,D}		5,45
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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ERACS2-Q-G05-Y /LN-CA 2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,11
Annual electricity consumption	Q	[kWh]	983501
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	682,20
Rated power input	D _A	[kW]	236,10
Rated energy efficiency ratio	EER _{DC,A}		2,89
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	636,72
Rated power input	D _B	[kW]	155,40
Declared energy efficiency ratio	EER _{DC,B}		4,10
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	591,24
Rated power input	D _C	[kW]	111,40
Declared energy efficiency ratio	EER _{DC,C}		5,31
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	545,76
Rated power input	D _D	[kW]	98,80
Declared energy efficiency ratio	EER _{DC,D}		5,52
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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ERACS2-Q-G05-Y /LN-CA 3222			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,21
Annual electricity consumption	Q	[kWh]	1138115
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	797,67
Rated power input	D _A	[kW]	288,00
Rated energy efficiency ratio	EER _{DC,A}		2,77
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	744,52
Rated power input	D _B	[kW]	179,50
Declared energy efficiency ratio	EER _{DC,B}		4,15
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	691,34
Rated power input	D _C	[kW]	129,20
Declared energy efficiency ratio	EER _{DC,C}		5,35
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	638,16
Rated power input	D _D	[kW]	113,90
Declared energy efficiency ratio	EER _{DC,D}		5,60
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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ERACS2-Q-G05-Y /SL-CA 2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,09
Annual electricity consumption	Q	[kWh]	974507
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	676,10
Rated power input	D _A	[kW]	239,80
Rated energy efficiency ratio	EER _{DC,A}		2,82
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	631,03
Rated power input	D _B	[kW]	155,40
Declared energy efficiency ratio	EER _{DC,B}		4,06
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	585,95
Rated power input	D _C	[kW]	110,00
Declared energy efficiency ratio	EER _{DC,C}		5,33
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	540,88
Rated power input	D _D	[kW]	97,80
Declared energy efficiency ratio	EER _{DC,D}		5,53
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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ERACS2-Q-G05-Y /SL-CA 3222			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,18
Annual electricity consumption	Q	[kWh]	1130207
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	788,60
Rated power input	D _A	[kW]	294,30
Rated energy efficiency ratio	EER _{DC,A}		2,68
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	736,03
Rated power input	D _B	[kW]	179,90
Declared energy efficiency ratio	EER _{DC,B}		4,09
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	683,45
Rated power input	D _C	[kW]	128,00
Declared energy efficiency ratio	EER _{DC,C}		5,34
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	630,88
Rated power input	D _D	[kW]	112,90
Declared energy efficiency ratio	EER _{DC,D}		5,59
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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ERACS2-Q-G05-Y /XL-CA 2422			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,46
Annual electricity consumption	Q	[kWh]	708554
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	527,09
Rated power input	D _A	[kW]	188,90
Rated energy efficiency ratio	EER _{DC,A}		2,79
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	491,96
Rated power input	D _B	[kW]	118,10
Declared energy efficiency ratio	EER _{DC,B}		4,17
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	456,82
Rated power input	D _C	[kW]	78,40
Declared energy efficiency ratio	EER _{DC,C}		5,83
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	421,68
Rated power input	D _D	[kW]	71,00
Declared energy efficiency ratio	EER _{DC,D}		5,94
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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ERACS2-Q-G05-Y /XL-CA 2622			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,11
Annual electricity consumption	Q	[kWh]	837223
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	582,86
Rated power input	D _A	[kW]	222,50
Rated energy efficiency ratio	EER _{DC,A}		2,62
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	544,04
Rated power input	D _B	[kW]	135,10
Declared energy efficiency ratio	EER _{DC,B}		4,03
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	505,18
Rated power input	D _C	[kW]	93,90
Declared energy efficiency ratio	EER _{DC,C}		5,38
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	466,32
Rated power input	D _D	[kW]	83,90
Declared energy efficiency ratio	EER _{DC,D}		5,56
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO ₂ eq]	631

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ERACS2-Q-G05-Y /XL-CA 2722			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,24
Annual electricity consumption	Q	[kWh]	929419
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	663,90
Rated power input	D _A	[kW]	241,40
Rated energy efficiency ratio	EER _{DC,A}		2,75
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	619,64
Rated power input	D _B	[kW]	151,30
Declared energy efficiency ratio	EER _{DC,B}		4,10
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	575,38
Rated power input	D _C	[kW]	103,60
Declared energy efficiency ratio	EER _{DC,C}		5,56
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	531,12
Rated power input	D _D	[kW]	93,50
Declared energy efficiency ratio	EER _{DC,D}		5,68
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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ERACS2-Q-G05-Y /XL-CA 3222			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,34
Annual electricity consumption	Q	[kWh]	1060246
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	770,70
Rated power input	D _A	[kW]	301,10
Rated energy efficiency ratio	EER _{DC,A}		2,56
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	719,32
Rated power input	D _B	[kW]	173,30
Declared energy efficiency ratio	EER _{DC,B}		4,15
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	667,94
Rated power input	D _C	[kW]	118,60
Declared energy efficiency ratio	EER _{DC,C}		5,63
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	616,56
Rated power input	D _D	[kW]	105,50
Declared energy efficiency ratio	EER _{DC,D}		5,84
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO ₂ eq]	631

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ERACS2-Q-G05-Y /XL-CA-E 2422			
Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,67
Annual electricity consumption	Q	[kWh]	698605
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	539,90
Rated power input	D _A	[kW]	177,60
Rated energy efficiency ratio	EER _{DC,A}		3,04
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	503,91
Rated power input	D _B	[kW]	114,30
Declared energy efficiency ratio	EER _{DC,B}		4,41
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	467,91
Rated power input	D _C	[kW]	77,70
Declared energy efficiency ratio	EER _{DC,C}		6,02
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	431,92
Rated power input	D _D	[kW]	70,20
Declared energy efficiency ratio	EER _{DC,D}		6,15
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO ₂ eq]	631

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Type of condensing	Air cooled / Water cooled		Air cooled
Refrigerant fluid(s)	Information to identify the refrigerant fluid(s) intended to be used with the condensing unit		-
Type	compressor driven vapour compression or sorption process		Compressor driven vapour compression
Operating temperature	t	[°C]	-
Seasonal energy performance ratio	SEPR		5,28
Annual electricity consumption	Q	[kWh]	846921
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	[kW]	610,10
Rated power input	D _A	[kW]	202,70
Rated energy efficiency ratio	EER _{DC,A}		3,01
Parameters at rating point B			
Rated refrigeration capacity	P _B	[kW]	569,43
Rated power input	D _B	[kW]	132,10
Declared energy efficiency ratio	EER _{DC,B}		4,31
Parameters at rating point C			
Rated refrigeration capacity	P _C	[kW]	528,75
Rated power input	D _C	[kW]	95,70
Declared energy efficiency ratio	EER _{DC,C}		5,52
Parameters at rating point D			
Rated refrigeration capacity	P _D	[kW]	488,08
Rated power input	D _D	[kW]	85,60
Declared energy efficiency ratio	EER _{DC,D}		5,70
Other items			
Capacity control	fixed/staged/variable		Variable
Degradation coefficient for chillers	C _{DC}		0,9
GWP of the refrigerant		[Kg CO2eq]	631

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