

6.1 GENERAL TECHNICAL DATA

TECS2-G05/SL-CA

[SI System]

TECS2-G05/SL-CA			0211	0251	0351	0452	0512	0552	0652	0712	0853	0913
Power supply			V/ph/Hz 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50									
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	230,4	255,9	343,3	437,9	502,5	567,3	643,1	733,3	840,5	891,7
Total power input	(1)	kW	70,85	80,82	110,0	137,7	160,7	173,5	207,2	225,0	269,6	287,3
EER	(1)	kW/kW	3,254	3,167	3,121	3,180	3,127	3,270	3,104	3,259	3,118	3,104
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	229,6	255,2	342,4	436,9	501,3	565,7	641,9	731,7	838,5	889,3
EER	(1)(2)	kW/kW	3,210	3,130	3,090	3,150	3,100	3,230	3,080	3,230	3,090	3,070
ESEER	(1)(2)	kW/kW	4,600	4,760	4,550	4,880	4,920	4,810	4,840	4,920	4,870	4,820
Cooling energy class		A	A	A	A	A	A	A	A	A	A	A
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	239,0	265,5	356,2	454,3	521,3	588,6	667,3	760,8	872,0	925,2
Total power input	(3)	kW	68,62	78,25	106,5	133,3	155,5	167,9	200,5	217,7	260,9	278,0
Desuperheater heating capacity	(3)	kW	56,82	65,72	89,61	112,2	132,7	142,0	169,9	185,9	221,4	235,0
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	11,02	12,24	16,42	20,94	24,03	27,13	30,76	35,07	40,19	42,64
Pressure drop	(1)	kPa	35,7	27,0	28,1	27,0	27,0	34,4	20,7	26,9	31,2	35,1
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	2,743	3,172	4,325	5,418	6,406	6,855	8,203	8,972	10,69	11,34
Pressure drop	(3)	kPa	43,5	58,2	52,6	26,7	37,4	42,8	47,0	56,2	42,3	49,5
REFRIGERANT CIRCUIT												
Compressors nr.		N°	1	1	1	2	2	2	2	2	3	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	1	1	1	1	1	1	1	1	2	2
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS										
Min. capacity step		%	-	-	-	-	-	-	-	-	-	-
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A										
Refrigerant charge		kg	100	100	120	210	180	210	240	280	340	430
Oil charge		kg	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Rc (ASHRAE)	(4)	kg/kW	0,44	0,40	0,35	0,48	0,36	0,37	0,38	0,39	0,41	0,49
FANS												
Quantity		N°	6	6	8	10	10	12	14	14	10	14
Air flow		m³/s	23,54	23,54	31,86	40,12	38,06	48,49	57,80	54,93	65,35	81,40
Fans power input		kW	1,20	1,20	1,20	1,20	1,20	1,20	1,20	1,20	1,20	1,20
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	56	56	58	58	58	59	59	59	60	60
Sound power level in cooling	(6)(7)	dB(A)	88	88	90	90	90	91	92	92	93	93
SIZE AND WEIGHT												
A	(8)	mm	3100	3100	4000	4900	4900	5800	7000	7000	8500	9700
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430
Operating weight	(8)	kg	2320	2370	3050	4000	4240	4530	5800	6150	6940	7370

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

4 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

5 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.

6 Sound power on the basis of measurements made in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration/execution, without optional accessories.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

TECS2-G05/SL-CA

[SI System]

TECS2-G05/SL-CA		1013	1054	1154
Power supply		V/ph/Hz	400/3/50	400/3/50
PERFORMANCE				
COOLING ONLY (GROSS VALUE)				
Cooling capacity	(1)	kW	964,6	1056
Total power input	(1)	kW	309,1	335,2
EER	(1)	kW/kW	3,121	3,150
ESEER	(1)	kW/kW		3,142
COOLING ONLY (EN14511 VALUE)				
Cooling capacity	(1)(2)	kW	962,5	1053
EER	(1)(2)	kW/kW	3,090	3,120
ESEER	(1)(2)	kW/kW	4,850	4,890
Cooling energy class		A	A	A
COOLING WITH PARTIAL RECOVERY				
Cooling capacity	(3)	kW	1001	1096
Total power input	(3)	kW	299,2	324,4
Desuperheater heating capacity	(3)	kW	252,3	273,5
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN REFRIGERATION				
Water flow	(1)	l/s	46,13	50,52
Pressure drop	(1)	kPa	29,0	34,7
PARTIAL RECOVERY USER SIDE IN REFRIGERATION				
Water flow	(3)	l/s	12,18	13,20
Pressure drop	(3)	kPa	46,1	39,7
REFRIGERANT CIRCUIT				
Compressors nr.		N°	3	4
Number of capacity steps		N°	0	0
No. Circuits		N°	2	2
Regulation			STEPLESS	STEPLESS
Min. capacity step		%	-	-
Refrigerant			R513A	R513A
Refrigerant charge		kg	490	480
Oil charge		kg	0,00	0,00
Rc (ASHRAE)	(4)	kg/kW	0,51	0,46
FANS				
Quantity		N°	14	24
Air flow		m³/s	89,54	96,98
Fans power input		kW	1,20	1,20
NOISE LEVEL				
Sound Pressure	(5)	dB(A)	60	61
Sound power level in cooling	(6)(7)	dB(A)	93	94
SIZE AND WEIGHT				
A	(8)	mm	10600	11200
B	(8)	mm	2260	2260
H	(8)	mm	2430	2430
Operating weight	(8)	kg	8150	8700

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

4 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

5 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.

6 Sound power on the basis of measurements made in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration/execution, without optional accessories.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

TECS2-G05/XL-CA

[SI System]

TECS2-G05/XL-CA			0211	0251	0351	0452	0512	0552	0652	0712	0853	0913
Power supply			V/ph/Hz 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50									
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	217,9	252,4	338,6	431,0	519,2	573,0	634,0	730,0	865,8	888,0
Total power input	(1)	kW	68,84	79,54	109,0	135,9	165,3	171,1	205,8	226,0	279,0	290,4
EER	(1)	kW/kW	3,167	3,175	3,106	3,171	3,141	3,349	3,081	3,230	3,103	3,058
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	217,2	251,7	337,7	430,0	517,9	571,4	632,9	728,4	863,6	885,7
EER	(1)(2)	kW/kW	3,120	3,140	3,070	3,140	3,110	3,310	3,060	3,200	3,070	3,030
ESEER	(1)(2)	kW/kW	4,610	4,860	4,670	4,990	4,980	4,900	4,990	4,990	4,980	4,990
Cooling energy class			A	A	B	A	A	A	B	A	A	B
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	226,1	261,9	351,3	447,1	538,6	594,5	657,8	757,4	898,3	921,3
Total power input	(3)	kW	66,62	76,94	105,5	131,5	159,9	165,5	199,0	218,6	269,8	280,8
Desuperheater heating capacity	(3)	kW	56,63	66,18	90,89	113,3	137,9	141,5	172,4	188,8	232,9	243,1
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	10,42	12,07	16,19	20,61	24,83	27,40	30,32	34,91	41,40	42,47
Pressure drop	(1)	kPa	32,0	26,3	27,3	26,2	28,8	35,1	20,1	26,7	33,1	34,8
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	2,733	3,194	4,387	5,468	6,658	6,828	8,324	9,116	11,24	11,74
Pressure drop	(3)	kPa	43,2	59,0	54,1	27,2	40,4	42,5	48,4	58,0	46,9	53,0
REFRIGERANT CIRCUIT												
Compressors nr.		N°	1	1	1	2	2	2	2	2	3	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	1	1	1	1	1	1	1	1	2	2
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS										
Min. capacity step		%	-	-	-	-	-	-	-	-	-	-
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A										
Refrigerant charge		kg	100	100	130	220	220	240	270	310	410	450
Oil charge		kg	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Rc (ASHRAE)	(4)	kg/kW	0,46	0,40	0,39	0,52	0,43	0,42	0,43	0,43	0,48	0,51
FANS												
Quantity		N°	6	6	8	10	12	14	14	16	12	14
Air flow		m³/s	18,93	17,98	24,18	30,49	36,91	46,40	44,18	50,49	60,99	62,05
Fans power input		kW	0,90	0,90	0,90	0,90	0,90	0,90	0,90	0,90	0,90	0,90
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	50	50	51	51	52	52	52	53	53	53
Sound power level in cooling	(6)(7)	dB(A)	82	82	83	83	84	85	85	86	86	86
SIZE AND WEIGHT												
A	(8)	mm	3100	3100	4000	4900	5800	7000	7000	7900	9400	9700
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430
Operating weight	(8)	kg	2370	2420	3200	4240	4690	5350	6150	6650	7520	7770

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

4 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

5 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.

6 Sound power on the basis of measurements made in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration/execution, without optional accessories.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

TECS2-G05/XL-CA

[SI System]

TECS2-G05/XL-CA		1013	1054	1154
Power supply		V/ph/Hz	400/3/50	400/3/50
PERFORMANCE				
COOLING ONLY (GROSS VALUE)				
Cooling capacity	(1)	kW	959,1	1040
Total power input	(1)	kW	311,0	330,3
EER	(1)	kW/kW	3,084	3,149
ESEER	(1)	kW/kW		3,086
COOLING ONLY (EN14511 VALUE)				
Cooling capacity	(1)(2)	kW	957,0	1037
EER	(1)(2)	kW/kW	3,060	3,120
ESEER	(1)(2)	kW/kW	4,990	4,950
Cooling energy class		B	A	B
COOLING WITH PARTIAL RECOVERY				
Cooling capacity	(3)	kW	995,1	1079
Total power input	(3)	kW	300,8	319,5
Desuperheater heating capacity	(3)	kW	259,9	275,5
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN REFRIGERATION				
Water flow	(1)	l/s	45,87	49,75
Pressure drop	(1)	kPa	28,6	33,7
PARTIAL RECOVERY USER SIDE IN REFRIGERATION				
Water flow	(3)	l/s	12,55	13,30
Pressure drop	(3)	kPa	49,0	40,3
REFRIGERANT CIRCUIT				
Compressors nr.		N°	3	4
Number of capacity steps		N°	0	0
No. Circuits		N°	2	2
Regulation			STEPLESS	STEPLESS
Min. capacity step		%	-	-
Refrigerant			R513A	R513A
Refrigerant charge		kg	520	500
Oil charge		kg	0,00	0,00
Rc (ASHRAE)	(4)	kg/kW	0,55	0,49
FANS				
Quantity		N°	14	24
Air flow		m³/s	68,25	73,82
Fans power input		kW	0,90	0,90
NOISE LEVEL				
Sound Pressure	(5)	dB(A)	54	54
Sound power level in cooling	(6)(7)	dB(A)	87	87
SIZE AND WEIGHT				
A	(8)	mm	10600	11200
B	(8)	mm	2260	2260
H	(8)	mm	2430	2430
Operating weight	(8)	kg	8650	9150

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

4 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

5 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.

6 Sound power on the basis of measurements made in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration/execution, without optional accessories.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

TECS2-G05/SL-CA-E

[SI System]

TECS2-G05/SL-CA-E			0211	0251	0351	0452	0512	0552	0652	0712	0853	0913
Power supply			V/ph/Hz 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50									
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	226,4	282,8	381,9	450,5	520,5	583,5	695,8	786,2	894,0	956,7
Total power input	(1)	kW	67,41	81,04	112,7	133,0	154,1	168,3	203,5	233,3	263,0	279,5
EER	(1)	kW/kW	3,359	3,491	3,389	3,387	3,378	3,467	3,419	3,370	3,399	3,423
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	225,6	281,9	380,8	449,4	519,2	581,8	694,4	784,3	891,6	953,9
EER	(1)(2)	kW/kW	3,310	3,440	3,340	3,350	3,340	3,420	3,390	3,330	3,360	3,380
ESEER	(1)(2)	kW/kW	5,100	5,300	5,200	5,520	5,400	5,300	5,530	5,460	5,310	5,400
Cooling energy class		A	A	A	A	A	A	A	A	A	A	A
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	234,9	293,4	396,2	467,4	540,0	605,4	721,8	815,7	927,5	992,6
Total power input	(3)	kW	65,23	78,38	109,0	128,7	149,0	162,8	196,8	225,6	254,3	270,3
Desuperheater heating capacity	(3)	kW	55,62	67,78	94,53	111,1	129,9	141,2	171,0	196,1	221,1	234,3
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	10,83	13,52	18,26	21,55	24,89	27,90	33,27	37,60	42,75	45,75
Pressure drop	(1)	kPa	34,5	33,0	34,7	28,6	29,0	36,4	24,2	31,0	35,3	40,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	2,685	3,272	4,563	5,365	6,271	6,814	8,254	9,465	10,67	11,31
Pressure drop	(3)	kPa	41,7	61,9	58,6	26,2	35,8	42,3	47,6	62,6	42,2	49,2
REFRIGERANT CIRCUIT												
Compressors nr.		N°	1	1	1	2	2	2	2	2	3	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	1	1	1	1	1	1	1	1	2	2
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS										
Min. capacity step		%	-	-	-	-	-	-	-	-	-	-
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A										
Refrigerant charge		kg	100	100	130	220	220	240	270	310	410	450
Oil charge		kg	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Rc (ASHRAE)	(4)	kg/kW	0,45	0,36	0,34	0,49	0,43	0,42	0,39	0,40	0,46	0,48
FANS												
Quantity		N°	6	6	8	10	10	12	14	16	10	14
Air flow		m³/s	23,54	22,31	30,22	38,06	38,06	46,03	54,93	62,78	68,52	77,30
Fans power input		kW	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	56	56	58	58	58	59	59	59	60	60
Sound power level in cooling	(6)(7)	dB(A)	88	88	90	90	90	91	92	92	93	93
SIZE AND WEIGHT												
A	(8)	mm	3100	3100	4000	4900	4900	5800	7000	7900	8500	9700
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430
Operating weight	(8)	kg	2270	2350	3130	4070	4230	4570	6040	6450	7020	7610

Notes:

- 1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
 - 2 Values in compliance with EN14511
 - 3 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.
 - 4 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).
 - 5 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
 - 6 Sound power on the basis of measurements made in compliance with ISO 9614.
 - 7 Sound power level in cooling, outdoors.
 - 8 Unit in standard configuration/execution, without optional accessories.
- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

TECS2-G05/SL-CA-E

[SI System]

TECS2-G05/SL-CA-E		1013	1054	1154
Power supply		V/ph/Hz	400/3/50	400/3/50
PERFORMANCE				
COOLING ONLY (GROSS VALUE)				
Cooling capacity	(1)	kW	1071	1168
Total power input	(1)	kW	316,2	335,5
EER	(1)	kW/kW	3,387	3,481
ESEER	(1)	kW/kW		3,433
COOLING ONLY (EN14511 VALUE)				
Cooling capacity	(1)(2)	kW	1068	1164
EER	(1)(2)	kW/kW	3,350	3,430
ESEER	(1)(2)	kW/kW	5,390	5,530
Cooling energy class		A	A	A
COOLING WITH PARTIAL RECOVERY				
Cooling capacity	(3)	kW	1112	1212
Total power input	(3)	kW	305,7	324,5
Desuperheater heating capacity	(3)	kW	265,5	281,3
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN REFRIGERATION				
Water flow	(1)	l/s	51,24	55,85
Pressure drop	(1)	kPa	35,7	42,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION				
Water flow	(3)	l/s	12,82	13,58
Pressure drop	(3)	kPa	51,1	42,1
REFRIGERANT CIRCUIT				
Compressors nr.		N°	3	4
Number of capacity steps		N°	0	0
No. Circuits		N°	2	2
Regulation			STEPLESS	STEPLESS
Min. capacity step		%	-	-
Refrigerant			R513A	R513A
Refrigerant charge		kg	520	500
Oil charge		kg	0,00	0,00
Rc (ASHRAE)	(4)	kg/kW	0,49	0,43
FANS				
Quantity		N°	14	24
Air flow		m³/s	85,03	92,06
Fans power input		kW	0,85	0,85
NOISE LEVEL				
Sound Pressure	(5)	dB(A)	60	61
Sound power level in cooling	(6)(7)	dB(A)	93	94
SIZE AND WEIGHT				
A	(8)	mm	10600	11200
B	(8)	mm	2260	2260
H	(8)	mm	2430	2430
Operating weight	(8)	kg	8510	8660

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

4 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

5 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.

6 Sound power on the basis of measurements made in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration/execution, without optional accessories.

- Not available

Certified data in EUROVENT

7.1 TECHNICAL DATA SEASONAL EFFICIENCY IN COOLING (EN14825 VALUE)

[SI System]

ENERGY EFFICIENCY

SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281) Ambient refrigeration

TECS2-G05/SL-CA			0211	0251	0351	0452	0512	0552	0652	0712	0853	0913
Prated,c	(1)	kW	229,6	255,2	342,4	436,9	501,3	565,7	641,9	731,7	838,5	889,3
SEER	(1) (2)	-	4,76	4,92	4,86	5,07	5,16	5,03	5,11	5,17	5,08	5,04
Performance η_s	(1) (3)	%	188,0	194,0	192,0	200,0	203,0	198,0	201,0	204,0	200,0	199,0
TECS2-G05/SL-CA			1013	1054	1154							
Prated,c	(1)	kW	962,5	1053,0	1170,0							
SEER	(1) (2)	-	5,10	5,08	5,11							
Performance η_s	(1) (3)	%	201,0	200,0	201,0							

TECS2-G05/XL-CA			0211	0251	0351	0452	0512	0552	0652	0712	0853	0913
Prated,c	(1)	kW	217,2	251,7	337,7	430,0	517,9	571,4	632,9	728,4	863,6	885,7
SEER	(1) (2)	-	4,77	4,99	4,96	5,16	5,15	5,08	5,23	5,19	5,15	5,17
Performance η_s	(1) (3)	%	188,0	197,0	195,0	203,0	203,0	200,0	206,0	205,0	203,0	204,0
TECS2-G05/XL-CA			1013	1054	1154							
Prated,c	(1)	kW	957,0	1037,0	1160,0							
SEER	(1) (2)	-	5,23	5,18	5,18							
Performance η_s	(1) (3)	%	206,0	204,0	204,0							

TECS2-G05/SL-CA-E			0211	0251	0351	0452	0512	0552	0652	0712	0853	0913
Prated,c	(1)	kW	225,6	281,9	380,8	449,4	519,2	581,8	694,4	784,3	891,6	953,9
SEER	(1) (2)	-	5,33	5,49	5,51	5,79	5,71	5,56	5,80	5,72	5,61	5,66
Performance η_s	(1) (3)	%	210,0	216,0	217,0	229,0	225,0	219,0	229,0	226,0	221,0	224,0
TECS2-G05/SL-CA-E			1013	1054	1154							
Prated,c	(1)	kW	1068,0	1164,0	1309,0							
SEER	(1) (2)	-	5,70	5,77	5,66							
Performance η_s	(1) (3)	%	225,0	228,0	224,0							

Notes:

(1) Parameter calculated according to [REGULATION (EU) N. 2016/2281]

(2) Seasonal energy efficiency ratio

(3) Seasonal space cooling energy efficiency

The units highlighted in this publication contain R513A [GWP₁₀₀ 631] fluorinated greenhouse gases.

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