

5.1 GENERAL TECHNICAL DATA

FX2-G05 /K

[SI System]

FX2-G05 /K			0322	0352	0402	0472	0512	0572	0652	0702	0772	0852
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	322,1	350,2	411,9	464,4	516,7	573,4	645,8	707,6	779,8	862,9
Total power input	(1)	kW	102,4	119,2	133,1	146,1	172,5	188,6	207,4	239,2	254,6	272,4
EER	(1)	kW/kW	3,146	2,938	3,095	3,179	2,995	3,040	3,114	2,958	3,063	3,168
ESEER	(1)	kW/kW	4,430	4,440	4,510	4,500	4,440	4,460	4,470	4,480	4,470	4,450
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	321,8	349,8	411,5	463,9	516,2	572,9	645,2	707,0	779,1	862,3
EER	(1)(2)	kW/kW	3,120	2,910	3,060	3,140	2,970	3,010	3,080	2,930	3,020	3,130
ESEER	(1)(2)	kW/kW	4,300	4,300	4,350	4,310	4,290	4,280	4,300	4,320	4,270	4,290
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	334,2	363,3	427,4	481,9	536,0	594,9	670,0	734,2	809,0	895,3
Total power input	(3)	kW	99,10	115,3	128,8	141,4	166,9	182,4	200,7	231,3	246,3	263,5
Desuperheater heating capacity	(3)	kW	84,64	99,64	110,3	120,2	143,8	156,4	171,6	199,9	212,0	226,2
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	15,40	16,75	19,70	22,21	24,71	27,42	30,88	33,84	37,29	41,27
Pressure drop at the heat exchanger	(1)	kPa	27,7	32,7	38,8	49,4	37,3	46,0	46,6	44,5	54,1	47,2
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	4,086	4,810	5,325	5,804	6,942	7,551	8,282	9,649	10,23	10,92
Pressure drop at the heat exchanger	(3)	kPa	31,8	44,1	54,0	31,9	45,6	53,9	32,0	43,4	36,6	32,4
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2	2	2	2
Regulation			STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	21	21	21	21	21	21	21	21	21	21
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	57,0	60,0	71,0	81,0	88,0	98,0	113	120	133	150
Oil charge		kg	30,0	30,0	30,0	30,0	44,0	41,0	38,0	38,0	49,0	60,0
Rc (ASHRAE)	(4)	kg/kW	0,18	0,17	0,17	0,18	0,17	0,17	0,18	0,17	0,17	0,18
FANS												
Quantity		N°	4	4	5	6	6	7	8	8	9	10
Air flow		m³/s	21,27	21,27	26,58	31,90	31,90	37,22	42,53	42,53	47,85	53,17
Fans power input		kW	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	67	67	67	68	68	68	68	70	69	69
Sound power level in cooling	(6)(7)	dB(A)	99	99	99	100	100	100	100	102	102	102
SIZE AND WEIGHT												
A	(8)	mm	2750	2750	4000	4000	4000	5250	5250	5250	6500	6500
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	3120	2950	3600	3730	4570	5060	5190	5550	6400	6980

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /K

[SI System]

FX2-G05 /K			0902	1002	1052	1102	1152	1222	1262	1322	1402	1503
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	937,3	996,0	1056	1098	1139	1232	1264	1332	1400	1506
Total power input	(1)	kW	295,1	315,5	343,2	369,3	354,3	396,3	423,2	433,9	474,8	475,0
EER	(1)	kW/kW	3,176	3,157	3,077	2,973	3,215	3,109	2,987	3,070	2,949	3,171
ESEER	(1)	kW/kW	4,450	4,460	4,460	4,470	4,460	4,490	4,470	4,460	4,490	4,430
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	936,6	995,2	1055	1097	1138	1231	1264	1331	1399	1505
EER	(1)(2)	kW/kW	3,140	3,120	3,040	2,940	3,170	3,070	2,960	3,030	2,910	3,130
ESEER	(1)(2)	kW/kW	4,280	4,270	4,290	4,300	4,280	4,290	4,300	4,280	4,300	4,270
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	972,5	1033	1096	1139	1181	1278	1312	1382	1453	1563
Total power input	(3)	kW	285,5	305,3	332,0	357,2	342,8	383,4	409,4	419,8	459,3	459,6
Desuperheater heating capacity	(3)	kW	244,7	261,3	286,0	309,3	292,5	330,0	354,1	360,2	396,7	393,5
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	44,82	47,63	50,51	52,49	54,45	58,92	60,46	63,71	66,96	72,03
Pressure drop at the heat exchanger	(1)	kPa	49,2	55,6	48,3	52,1	56,1	61,6	48,8	54,2	59,9	52,5
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	11,81	12,61	13,81	14,93	14,12	15,93	17,09	17,39	19,15	18,99
Pressure drop at the heat exchanger	(3)	kPa	38,0	43,3	36,6	31,8	28,4	36,2	32,2	33,3	40,4	43,5
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2	2	2	3
Regulation			STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	21	21	21	21	21	21	21	21	21	14
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	163	173	179	186	195	210	214	232	238	263
Oil charge		kg	60,0	60,0	60,0	60,0	60,0	60,0	62,0	64,0	64,0	90,0
Rc (ASHRAE)	(4)	kg/kW	0,18	0,18	0,17	0,17	0,17	0,17	0,17	0,18	0,17	0,18
FANS												
Quantity		N°	11	12	12	12	14	14	14	16	16	18
Air flow		m³/s	58,48	63,80	63,80	63,80	74,43	74,43	74,43	85,07	85,07	95,70
Fans power input		kW	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	70	70	71	71	71	71	72	73	73	73
Sound power level in cooling	(6)(7)	dB(A)	103	103	104	104	104	104	105	106	106	106
SIZE AND WEIGHT												
A	(8)	mm	7750	7750	7750	7750	9000	9000	9150	10400	10400	11650
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	7460	7620	7870	7900	8430	8500	8860	9470	9610	12050

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /K

[SI System]

FX2-G05 /K			1593	1663	1773	1883
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE						
COOLING ONLY (GROSS VALUE)						
Cooling capacity	(1)	kW	1592	1664	1778	1839
Total power input	(1)	kW	523,1	556,9	580,4	605,3
EER	(1)	kW/kW	3,043	2,988	3,063	3,038
ESEER	(1)	kW/kW	4,450	4,440	4,440	4,470
COOLING ONLY (EN14511 VALUE)						
Cooling capacity	(1)(2)	kW	1591	1663	1777	1838
EER	(1)(2)	kW/kW	3,010	2,960	3,030	3,000
ESEER	(1)(2)	kW/kW	4,270	4,290	4,280	4,290
COOLING WITH PARTIAL RECOVERY						
Cooling capacity	(3)	kW	1651	1726	1845	1908
Total power input	(3)	kW	506,0	538,6	561,4	585,5
Desuperheater heating capacity	(3)	kW	436,4	466,5	484,2	506,4
EXCHANGERS						
HEAT EXCHANGER USER SIDE IN REFRIGERATION						
Water flow	(1)	l/s	76,12	79,55	85,04	87,92
Pressure drop at the heat exchanger	(1)	kPa	58,6	45,1	51,6	59,1
PARTIAL RECOVERY USER SIDE IN REFRIGERATION						
Water flow	(3)	l/s	21,07	22,52	23,37	24,45
Pressure drop at the heat exchanger	(3)	kPa	33,9	32,2	34,7	29,4
REFRIGERANT CIRCUIT						
Compressors nr.		N°	3	3	3	3
Number of capacity steps		N°	0	0	0	0
No. Circuits		N°	3	3	3	3
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS				
Min. capacity step		%	14	14	14	14
Refrigerant			R513A	R513A	R513A	R513A
Refrigerant charge		kg	271	281	303	318
Oil charge		kg	90,0	90,0	90,0	90,0
Rc (ASHRAE)	(4)	kg/kW	0,17	0,17	0,17	0,17
FANS						
Quantity		N°	18	18	20	20
Air flow		m³/s	95,70	95,70	106,33	106,33
Fans power input		kW	1,90	1,90	1,90	1,90
NOISE LEVEL						
Sound Pressure	(5)	dB(A)	73	73	73	73
Sound power level in cooling	(6)(7)	dB(A)	106	106	106	106
SIZE AND WEIGHT						
A	(8)	mm	11650	11650	12900	12900
B	(8)	mm	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640
Operating weight	(8)	ka	12110	12120	12710	12720

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /SL-K

[SI System]

FX2-G05 /SL-K			0322	0352	0402	0472	0512	0572	0652	0702	0772	0852
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	310,2	358,4	410,2	450,1	511,7	557,4	621,9	713,0	770,4	828,6
Total power input	(1)	kW	103,1	115,1	128,2	148,9	164,4	177,9	211,2	226,9	251,5	276,9
EER	(1)	kW/kW	3,009	3,114	3,200	3,023	3,113	3,133	2,945	3,142	3,063	2,992
ESEER	(1)	kW/kW	4,400	4,440	4,480	4,490	4,470	4,480	4,470	4,450	4,470	4,440
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	309,8	358,0	409,8	449,7	511,2	556,9	621,3	712,4	769,7	828,0
EER	(1)(2)	kW/kW	2,980	3,080	3,160	2,990	3,080	3,100	2,910	3,110	3,020	2,960
ESEER	(1)(2)	kW/kW	4,270	4,280	4,320	4,310	4,320	4,310	4,300	4,290	4,280	4,280
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	321,8	371,8	425,6	467,0	530,9	578,4	645,2	739,7	799,3	859,7
Total power input	(3)	kW	99,69	111,3	124,1	143,9	159,0	172,1	204,2	219,5	243,2	267,7
Desuperheater heating capacity	(3)	kW	87,04	96,49	107,0	125,4	138,0	148,8	178,5	190,0	212,0	234,6
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	14,83	17,14	19,62	21,53	24,47	26,66	29,74	34,10	36,84	39,63
Pressure drop at the heat exchanger	(1)	kPa	25,7	34,3	38,5	46,4	36,6	43,5	43,2	45,2	52,8	43,5
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	4,201	4,658	5,164	6,052	6,662	7,183	8,616	9,174	10,23	11,33
Pressure drop at the heat exchanger	(3)	kPa	33,6	41,3	50,8	34,7	42,0	48,8	34,6	39,3	36,6	34,9
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2	2	2	2
Regulation			STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	21	21	21	21	21	21	21	21	21	21
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	57,0	66,0	76,0	81,0	93,0	103	113	131	140	150
Oil charge		kg	30,0	30,0	30,0	30,0	34,0	38,0	38,0	38,0	49,0	60,0
Rc (ASHRAE)	(4)	kg/kW	0,19	0,19	0,19	0,18	0,18	0,19	0,18	0,19	0,18	0,18
FANS												
Quantity		N°	4	5	6	6	7	8	8	10	10	10
Air flow		m³/s	19,21	24,01	28,81	28,81	33,61	38,41	38,41	48,02	48,02	48,02
Fans power input		kW	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	55	55	56	56	57	57	57	57	58	58
Sound power level in cooling	(6)(7)	dB(A)	87	87	88	88	89	89	89	90	91	91
SIZE AND WEIGHT												
A	(8)	mm	2750	4000	4000	4000	5250	5250	5250	6500	6500	6500
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	3380	3830	3960	4000	5270	5680	5720	6600	7090	7590

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /SL-K

[SI System]

FX2-G05 /SL-K			0902	1002	1052	1102	1152	1222	1262	1322	1402	1503
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	901,6	959,9	1037	1098	1131	1222	1257	1284	1386	1451
Total power input	(1)	kW	300,1	321,0	341,7	359,9	347,4	388,0	415,0	441,0	467,8	483,3
EER	(1)	kW/kW	3,004	2,990	3,035	3,051	3,256	3,149	3,029	2,912	2,963	3,002
ESEER	(1)	kW/kW	4,460	4,470	4,450	4,480	4,480	4,480	4,450	4,470	4,480	4,450
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	901,0	959,1	1037	1097	1130	1222	1256	1283	1385	1451
EER	(1)(2)	kW/kW	2,970	2,960	3,000	3,020	3,210	3,110	3,000	2,880	2,930	2,970
ESEER	(1)(2)	kW/kW	4,300	4,300	4,290	4,300	4,290	4,290	4,290	4,310	4,290	4,290
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	935,4	995,9	1076	1139	1173	1268	1304	1332	1438	1506
Total power input	(3)	kW	290,1	310,3	330,4	348,0	336,0	375,2	401,2	426,3	452,3	467,3
Desuperheater heating capacity	(3)	kW	254,1	271,5	288,8	303,7	290,1	326,3	350,4	373,6	395,1	408,9
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	43,12	45,90	49,60	52,51	54,08	58,46	60,10	61,40	66,26	69,40
Pressure drop at the heat exchanger	(1)	kPa	45,5	51,6	46,6	52,2	55,3	60,7	48,2	50,3	58,6	48,7
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	12,27	13,11	13,94	14,66	14,00	15,75	16,91	18,04	19,07	19,74
Pressure drop at the heat exchanger	(3)	kPa	41,0	46,7	37,3	30,6	28,0	35,4	31,5	35,8	40,1	47,0
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2	2	2	3
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS										
Min. capacity step		%	21	21	21	21	21	21	21	21	21	14
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	163	173	187	199	207	222	228	232	251	263
Oil charge		kg	60,0	60,0	60,0	60,0	60,0	60,0	62,0	64,0	64,0	90,0
Rc (ASHRAE)	(4)	kg/kW	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18
FANS												
Quantity		N°	11	12	13	14	16	16	16	16	18	18
Air flow		m³/s	52,82	57,62	62,42	67,22	76,83	76,83	76,83	76,83	86,43	86,43
Fans power input		kW	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	59	59	60	60	61	61	61	61	61	61
Sound power level in cooling	(6)(7)	dB(A)	92	92	93	93	94	94	94	94	94	94
SIZE AND WEIGHT												
A	(8)	mm	7750	7750	9000	9000	10250	10250	10400	10400	11650	11650
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	8100	8270	8920	9060	9640	9710	10060	10150	10720	12980

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /SL-K

[SI System]

FX2-G05 /SL-K			1593	1663	1773	1883
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE						
COOLING ONLY (GROSS VALUE)						
Cooling capacity	(1)	kW	1573	1645	1714	1773
Total power input	(1)	kW	519,5	550,6	593,8	620,9
EER	(1)	kW/kW	3,028	2,988	2,886	2,856
ESEER	(1)	kW/kW	4,470	4,440	4,440	4,450
COOLING ONLY (EN14511 VALUE)						
Cooling capacity	(1)(2)	kW	1572	1644	1714	1772
EER	(1)(2)	kW/kW	2,990	2,960	2,860	2,820
ESEER	(1)(2)	kW/kW	4,290	4,300	4,280	4,280
COOLING WITH PARTIAL RECOVERY						
Cooling capacity	(3)	kW	1632	1706	1779	1839
Total power input	(3)	kW	502,3	532,3	574,0	600,2
Desuperheater heating capacity	(3)	kW	438,7	466,5	505,0	529,3
EXCHANGERS						
HEAT EXCHANGER USER SIDE IN REFRIGERATION						
Water flow	(1)	l/s	75,22	78,65	81,99	84,78
Pressure drop at the heat exchanger	(1)	kPa	57,2	44,1	47,9	55,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION						
Water flow	(3)	l/s	21,18	22,52	24,38	25,55
Pressure drop at the heat exchanger	(3)	kPa	34,3	32,2	37,7	32,1
REFRIGERANT CIRCUIT						
Compressors nr.		N°	3	3	3	3
Number of capacity steps		N°	0	0	0	0
No. Circuits		N°	3	3	3	3
Regulation			STEPLESS	STEPLESS	STEPLESS	STEPLESS
Min. capacity step		%	14	14	14	14
Refrigerant			R513A	R513A	R513A	R513A
Refrigerant charge		kg	285	297	308	318
Oil charge		kg	90,0	90,0	90,0	90,0
Rc (ASHRAE)	(4)	kg/kW	0,18	0,18	0,18	0,18
FANS						
Quantity		N°	20	20	20	20
Air flow		m³/s	96,03	96,03	96,03	96,03
Fans power input		kW	1,40	1,40	1,40	1,40
NOISE LEVEL						
Sound Pressure	(5)	dB(A)	61	61	61	62
Sound power level in cooling	(6)(7)	dB(A)	94	94	94	95
SIZE AND WEIGHT						
A	(8)	mm	12900	12900	12900	12900
B	(8)	mm	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640
Operating weight	(8)	kg	13560	13560	13650	13670

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /E

[SI System]

FX2-G05 /E			0352	0402	0452	0472	0572	0602	0652	0702	0772	0852
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	340,3	389,8	444,9	485,0	570,3	619,0	658,9	698,5	756,1	844,7
Total power input	(1)	kW	98,73	113,1	128,5	142,9	163,3	178,3	189,4	200,5	222,8	246,7
EER	(1)	kW/kW	3,448	3,447	3,462	3,394	3,492	3,472	3,479	3,484	3,394	3,424
ESEER	(1)	kW/kW	4,610	4,630	4,620	4,620	4,610	4,610	4,620	4,640	4,620	4,610
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	339,9	389,4	444,5	484,6	569,8	618,5	658,4	697,9	755,5	844,1
EER	(1)(2)	kW/kW	3,410	3,410	3,430	3,360	3,450	3,440	3,440	3,440	3,360	3,390
ESEER	(1)(2)	kW/kW	4,470	4,470	4,490	4,490	4,440	4,470	4,470	4,470	4,470	4,450
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	353,0	404,4	461,5	503,2	591,7	642,2	683,6	724,7	784,4	876,4
Total power input	(3)	kW	95,68	109,7	124,6	138,4	158,2	172,7	183,5	194,2	215,8	238,9
Desuperheater heating capacity	(3)	kW	77,95	87,37	101,2	114,0	128,8	142,2	150,4	158,6	178,5	198,1
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	16,27	18,64	21,27	23,20	27,27	29,60	31,51	33,40	36,16	40,40
Pressure drop at the heat exchanger	(1)	kPa	26,5	34,8	27,7	32,9	41,4	34,1	38,6	43,4	36,3	40,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	3,763	4,217	4,883	5,502	6,217	6,863	7,258	7,655	8,618	9,564
Pressure drop at the heat exchanger	(3)	kPa	27,0	33,9	45,4	28,6	36,6	44,6	34,1	27,3	34,6	32,0
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2	2	2	2
Regulation			STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	21	21	21	21	21	21	21	21	21	21
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	65,0	76,0	86,0	94,0	109	117	126	134	143	160
Oil charge		kg	30,0	30,0	30,0	30,0	44,0	38,0	38,0	38,0	38,0	49,0
Rc (ASHRAE)	(4)	kg/kW	0,19	0,20	0,20	0,20	0,19	0,19	0,19	0,19	0,19	0,19
FANS												
Quantity		N°	6	8	8	8	10	10	11	12	12	13
Air flow		m³/s	31,90	42,53	42,53	42,53	53,17	53,17	58,48	63,80	63,80	69,12
Fans power input		kW	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	66	67	67	67	67	67	68	68	68	68
Sound power level in cooling	(6)(7)	dB(A)	98	99	99	99	100	100	101	101	101	101
SIZE AND WEIGHT												
A	(8)	mm	4000	5250	5250	5250	6500	6500	7750	7750	7750	9000
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	3660	4270	4390	4440	5660	5960	6420	6550	6640	7530

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /E

[SI System]

FX2-G05 /E			0902	1002	1052	1152	1222	1322	1402
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						
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	918,1	1001	1061	1133	1207	1311	1372
Total power input	(1)	kW	267,5	289,5	310,9	331,5	352,4	390,1	409,2
EER	(1)	kW/kW	3,432	3,458	3,413	3,418	3,425	3,361	3,353
ESEER	(1)	kW/kW	4,630	4,680	4,630	4,650	4,650	4,580	4,610
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	917,4	1000	1060	1132	1206	1310	1371
EER	(1)(2)	kW/kW	3,390	3,410	3,370	3,370	3,380	3,330	3,320
ESEER	(1)(2)	kW/kW	4,450	4,450	4,450	4,470	4,440	4,440	4,450
COOLING WITH PARTIAL RECOVERY									
Cooling capacity	(3)	kW	952,5	1039	1100	1175	1252	1360	1424
Total power input	(3)	kW	259,1	280,4	301,1	321,0	341,2	377,6	396,2
Desuperheater heating capacity	(3)	kW	215,1	233,0	250,4	267,1	284,0	317,6	331,3
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	43,90	47,88	50,72	54,17	57,73	62,68	65,62
Pressure drop at the heat exchanger	(1)	kPa	47,2	61,2	48,7	53,2	59,2	39,7	43,5
PARTIAL RECOVERY USER SIDE IN REFRIGERATION									
Water flow	(3)	l/s	10,38	11,25	12,08	12,89	13,71	15,33	15,99
Pressure drop at the heat exchanger	(3)	kPa	29,3	34,4	39,7	32,3	26,8	33,5	29,8
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS							
Min. capacity step		%	21	21	21	21	21	21	21
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	173	188	200	213	227	244	258
Oil charge		kg	60,0	60,0	60,0	60,0	60,0	60,0	62,0
Rc (ASHRAE)	(4)	kg/kW	0,19	0,19	0,19	0,19	0,19	0,19	0,19
FANS									
Quantity		N°	14	15	16	17	18	18	20
Air flow		m³/s	74,43	79,75	85,07	90,38	95,70	95,70	106,33
Fans power input		kW	1,90	1,90	1,90	1,90	1,90	1,90	1,90
NOISE LEVEL									
Sound Pressure	(5)	dB(A)	69	69	70	70	70	70	71
Sound power level in cooling	(6)(7)	dB(A)	102	102	103	103	103	103	104
SIZE AND WEIGHT									
A	(8)	mm	9000	10250	10250	11650	11650	11650	12900
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	8060	8570	8920	9430	9550	10490	11150

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /SL-E

[SI System]

FX2-G05 /SL-E			0352	0402	0452	0472	0572	0602	0652	0702	0772	0852
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	336,3	386,0	439,6	480,9	563,4	610,9	650,6	690,1	748,9	834,3
Total power input	(1)	kW	97,46	110,7	126,7	142,1	161,2	176,8	187,4	198,1	221,9	245,3
EER	(1)	kW/kW	3,449	3,487	3,470	3,384	3,495	3,455	3,472	3,484	3,375	3,401
ESEER	(1)	kW/kW	4,640	4,650	4,630	4,630	4,630	4,630	4,640	4,670	4,650	4,620
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	335,9	385,6	439,3	480,5	562,9	610,4	650,1	689,5	748,3	833,7
EER	(1)(2)	kW/kW	3,420	3,450	3,440	3,350	3,450	3,420	3,430	3,440	3,340	3,370
ESEER	(1)(2)	kW/kW	4,500	4,490	4,500	4,490	4,460	4,500	4,490	4,500	4,500	4,470
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	348,9	400,5	456,1	498,9	584,5	633,8	675,0	716,0	777,0	865,6
Total power input	(3)	kW	94,34	107,3	122,7	137,5	156,1	171,1	181,4	191,8	214,7	237,3
Desuperheater heating capacity	(3)	kW	79,50	88,85	103,1	116,8	131,4	145,3	153,6	161,9	183,1	202,7
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	16,08	18,46	21,02	23,00	26,94	29,21	31,11	33,00	35,81	39,90
Pressure drop at the heat exchanger	(1)	kPa	25,9	34,1	27,0	32,3	40,4	33,2	37,6	42,3	35,6	39,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	3,837	4,289	4,977	5,639	6,344	7,014	7,413	7,814	8,838	9,784
Pressure drop at the heat exchanger	(3)	kPa	28,1	35,0	47,2	30,1	38,1	46,5	35,6	28,5	36,4	33,5
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2	2	2	2
Regulation			STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	21	21	21	21	21	21	21	21	21	21
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	65,0	76,0	86,0	94,0	109	117	126	134	143	160
Oil charge		kg	30,0	30,0	30,0	30,0	44,0	38,0	38,0	38,0	38,0	49,0
Rc (ASHRAE)	(4)	kg/kW	0,20	0,20	0,20	0,20	0,20	0,19	0,20	0,20	0,19	0,19
FANS												
Quantity		N°	6	8	8	8	10	10	11	12	12	13
Air flow		m³/s	28,81	38,41	38,41	38,41	48,02	48,02	52,82	57,62	57,62	62,42
Fans power input		kW	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40	1,40
NOISE LEVEL												
Sound Pressure	(5)	dB(A)	56	57	57	57	57	58	58	59	59	59
Sound power level in cooling	(6)(7)	dB(A)	88	89	89	89	90	91	91	92	92	92
SIZE AND WEIGHT												
A	(8)	mm	4000	5250	5250	5250	6500	6500	7750	7750	7750	9000
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	3930	4540	4660	4720	6200	6500	6960	7100	7190	8120

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FX2-G05 /SL-E

[SI System]

FX2-G05 /SL-E			0902	1002	1052	1152	1222	1322	1402
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						
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	905,0	987,3	1046	1118	1191	1295	1355
Total power input	(1)	kW	265,5	287,7	309,2	329,8	350,7	390,7	408,0
EER	(1)	kW/kW	3,409	3,432	3,383	3,390	3,396	3,315	3,321
ESEER	(1)	kW/kW	4,630	4,680	4,640	4,670	4,660	4,590	4,620
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	904,3	986,6	1046	1117	1190	1294	1354
EER	(1)(2)	kW/kW	3,370	3,380	3,340	3,350	3,350	3,280	3,290
ESEER	(1)(2)	kW/kW	4,460	4,470	4,460	4,480	4,460	4,460	4,460
COOLING WITH PARTIAL RECOVERY									
Cooling capacity	(3)	kW	938,9	1024	1086	1160	1236	1344	1406
Total power input	(3)	kW	256,9	278,4	299,2	319,1	339,3	377,9	394,7
Desuperheater heating capacity	(3)	kW	219,5	238,1	256,0	273,2	290,5	326,3	339,2
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	43,28	47,22	50,04	53,45	56,95	61,94	64,80
Pressure drop at the heat exchanger	(1)	kPa	45,9	59,5	47,4	51,8	57,6	38,8	42,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION									
Water flow	(3)	l/s	10,60	11,49	12,36	13,19	14,02	15,75	16,37
Pressure drop at the heat exchanger	(3)	kPa	30,6	35,9	41,6	33,8	28,0	35,4	31,3
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	2
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS							
Min. capacity step		%	21	21	21	21	21	21	21
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A
Refrigerant charge		kg	173	188	200	213	227	244	258
Oil charge		kg	60,0	60,0	60,0	60,0	60,0	60,0	62,0
Rc (ASHRAE)	(4)	kg/kW	0,19	0,19	0,19	0,19	0,19	0,19	0,19
FANS									
Quantity		N°	14	15	16	17	18	18	20
Air flow		m³/s	67,22	72,02	76,83	81,63	86,43	86,43	96,03
Fans power input		kW	1,40	1,40	1,40	1,40	1,40	1,40	1,40
NOISE LEVEL									
Sound Pressure	(5)	dB(A)	59	59	60	60	60	60	62
Sound power level in cooling	(6)(7)	dB(A)	92	92	93	93	93	93	95
SIZE AND WEIGHT									
A	(8)	mm	9000	10250	10250	11650	11650	11650	12900
B	(8)	mm	2260	2260	2260	2260	2260	2260	2260
H	(8)	mm	2640	2640	2640	2640	2640	2640	2640
Operating weight	(8)	kg	8690	9210	9560	10080	10200	11140	11810

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

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 taken in compliance with ISO 9614.

7 Sound power level in cooling, outdoors.

8 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

6.1 TECHNICAL DATA SEASONAL EFFICIENCY IN COOLING (EN14825 VALUE)

[SI System]

ENERGY EFFICIENCY

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

FX2-G05 /K			0322	0352	0402	0472	0512	0572	0652	0702	0772	0852
Prated,c	(1)	kW	321,8	349,8	411,5	463,9	516,2	572,9	645,2	707,0	779,1	862,3
SEER	(1) (2)	-	4,51	4,50	4,56	4,58	4,56	4,56	4,58	4,57	4,57	4,58
Performance η_s	(1) (3)	%	177,0	177,0	179,0	180,0	179,0	179,0	180,0	180,0	180,0	180,0
FX2-G05 /K			0902	1002	1052	1102	1152	1222	1262	1322	1402	1503
Prated,c	(1)	kW	936,6	995,2	1055,0	1097,0	1138,0	1231,0	1264,0	1331,0	1399,0	1505,0
SEER	(1) (2)	-	4,59	4,59	4,56	4,56	4,58	4,60	4,56	4,57	4,58	4,59
Performance η_s	(1) (3)	%	180,0	181,0	180,0	179,0	180,0	181,0	179,0	180,0	180,0	181,0
FX2-G05 /K			1593	1663	1773	1883						
Prated,c	(1)	kW	1591,0	1663,0	1777,0	1838,0						
SEER	(1) (2)	-	4,59	4,58	4,60	4,63						
Performance η_s	(1) (3)	%	181,0	180,0	181,0	182,0						

FX2-G05 /SL-K			0322	0352	0402	0472	0512	0572	0652	0702	0772	0852
Prated,c	(1)	kW	309,8	358,0	409,8	449,7	511,2	556,9	621,3	712,4	769,7	828,0
SEER	(1) (2)	-	4,46	4,50	4,56	4,55	4,57	4,55	4,55	4,56	4,58	4,56
Performance η_s	(1) (3)	%	175,0	177,0	179,0	179,0	180,0	179,0	179,0	180,0	180,0	180,0
FX2-G05 /SL-K			0902	1002	1052	1102	1152	1222	1262	1322	1402	1503
Prated,c	(1)	kW	901,0	959,1	1037,0	1097,0	1130,0	1222,0	1256,0	1283,0	1385,0	1451,0
SEER	(1) (2)	-	4,58	4,58	4,56	4,59	4,62	4,62	4,58	4,55	4,58	4,59
Performance η_s	(1) (3)	%	180,0	180,0	179,0	180,0	182,0	182,0	180,0	179,0	180,0	180,0
FX2-G05 /SL-K			1593	1663	1773	1883						
Prated,c	(1)	kW	1572,0	1644,0	1714,0	1772,0						
SEER	(1) (2)	-	4,61	4,59	4,57	4,57						
Performance η_s	(1) (3)	%	182,0	180,0	180,0	180,0						

FX2-G05 /E			0352	0402	0452	0472	0572	0602	0652	0702	0772	0852
Prated,c	(1)	kW	339,9	389,4	444,5	484,6	569,8	618,5	658,4	697,9	755,5	844,1
SEER	(1) (2)	-	4,63	4,64	4,69	4,66	4,72	4,64	4,66	4,73	4,71	4,71
Performance η_s	(1) (3)	%	182,0	182,0	185,0	183,0	186,0	183,0	183,0	186,0	185,0	185,0
FX2-G05 /E			0902	1002	1052	1152	1222	1322	1402			
Prated,c	(1)	kW	917,4	1000,0	1060,0	1132,0	1206,0	1310,0	1371,0			
SEER	(1) (2)	-	4,74	4,79	4,72	4,74	4,74	4,66	4,69			
Performance η_s	(1) (3)	%	187,0	188,0	186,0	187,0	187,0	183,0	185,0			

FX2-G05 /SL-E			0352	0402	0452	0472	0572	0602	0652	0702	0772	0852
Prated,c	(1)	kW	335,9	385,6	439,3	480,5	562,9	610,4	650,1	689,5	748,3	833,7
SEER	(1) (2)	-	4,65	4,66	4,68	4,65	4,73	4,65	4,67	4,75	4,71	4,71
Performance η_s	(1) (3)	%	183,0	183,0	184,0	183,0	186,0	183,0	184,0	187,0	186,0	186,0
FX2-G05 /SL-E			0902	1002	1052	1152	1222	1322	1402			
Prated,c	(1)	kW	904,3	986,6	1046,0	1117,0	1190,0	1294,0	1354,0			
SEER	(1) (2)	-	4,74	4,79	4,72	4,74	4,74	4,65	4,69			
Performance η_s	(1) (3)	%	187,0	189,0	186,0	187,0	187,0	183,0	185,0			

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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