

6 GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-K			0532	0602	0622	0672	0732	0802	0892	0972	1032	1082
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	533,2	597,3	623,6	674,3	725,5	800,5	889,2	966,7	1034	1079
Total power input	(1)	kW	182,5	202,8	208,4	224,5	247,3	280,9	307,4	325,4	344,5	362,8
EER	(1)	kW/kW	2,922	2,945	2,992	3,004	2,934	2,850	2,893	2,971	3,001	2,974
COOLING ONLY (EN14511 VALUE)												
Cooling capacity		kW	532,7	596,7	623,0	673,7	724,8	799,9	888,5	966,0	1033	1078
EER		kW/kW	2,890	2,910	2,960	2,970	2,900	2,820	2,860	2,940	2,970	2,930
Cooling energy class												
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	553,2	619,7	646,9	699,6	752,7	830,5	922,6	1003	1073	1120
Total power input	(3)	kW	176,5	196,1	201,6	217,1	239,2	271,7	297,3	314,7	333,2	350,9
Desuperheater heating capacity	(3)	kW	152,7	169,1	174,2	186,8	207,2	235,5	257,4	271,8	287,1	303,5
COOLING WITH TOTAL HEAT RECOVERY												
Cooling capacity	(4)	kW	513,2	569,7	595,6	638,3	694,2	771,0	850,5	906,3	960,1	1016
Total power input	(4)	kW	147,9	167,5	170,7	187,2	202,8	228,2	251,9	269,5	284,4	291,5
Recovery heat exchanger capacity	(4)	kW	652,2	727,1	756,0	814,4	884,9	985,5	1087	1160	1227	1290
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow		l/s	25,50	28,56	29,82	32,24	34,69	38,28	42,52	46,23	49,44	51,61
Pressure drop at the heat exchanger		kPa	43,3	54,4	45,8	53,5	56,3	46,3	57,1	42,5	48,6	64,5
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	7,372	8,164	8,408	9,016	10,00	11,37	12,43	13,12	13,86	14,65
Pressure drop at the heat exchanger	(3)	kPa	51,4	43,2	45,8	37,9	46,7	45,2	42,0	46,8	52,3	41,2
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	31,48	35,10	36,49	39,31	42,71	47,57	52,48	55,98	59,25	62,29
Pressure drop at the heat exchanger	(4)	kPa	32,1	35,1	38,0	38,1	40,2	26,4	32,1	36,5	27,3	25,1
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		%	12	11	10	12	12	14	13	12	13	13
Refrigerant			R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A									
Theoretical refrigerant charge		kg	83,0	92,0	94,0	101	112	132	143	155	166	167
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	53,0
Rc (ASHRAE)	(5)	kg/kW	0,16	0,16	0,15	0,15	0,16	0,17	0,16	0,16	0,16	0,16
FANS												
Quantity		N°	6	7	7	8	8	9	10	11	12	12
Air flow		m³/s	30,90	36,05	36,05	41,20	41,20	46,35	51,50	56,65	61,80	61,80
Total fans power input		kW	11,40	13,30	13,30	15,20	15,20	17,10	19,00	20,90	22,80	22,80
NOISE LEVEL												
Total sound Pressure		dB(A)	68	69	69	69	70	69	70	71	71	71
Total sound power level in cooling		dB(A)	100	101	101	101	102	102	103	104	104	104
SIZE AND WEIGHT												
A	(9)	mm	4150	5400	5400	5400	5400	6650	6650	7900	7900	7900
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	4500	5000	5007	5106	5388	5863	5974	6464	6584	7031

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

5 Rated in accordance with AHRI Standard 550/590

6 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.

7 Sound power on the basis of measurements taken in compliance with ISO 9614.

8 Sound power level in cooling, outdoors.

9 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-K			1122	1192	1242	1382	1452	1552	1633	1703	1863
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
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	1123	1185	1243	1382	1450	1551	1628	1702	1859
Total power input	(1)	kW	384,0	389,6	413,8	454,1	495,0	501,8	550,3	579,2	621,9
EER	(1)	kW/kW	2,924	3,042	3,004	3,043	2,929	3,091	2,958	2,939	2,989
COOLING ONLY (EN14511 VALUE)											
Cooling capacity		kW	1122	1184	1242	1382	1449	1550	1627	1701	1858
EER		kW/kW	2,880	3,000	2,960	3,010	2,890	3,050	2,920	2,900	2,960
Cooling energy class			-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY											
Cooling capacity	(3)	kW	1165	1229	1290	1434	1504	1609	1689	1766	1928
Total power input	(3)	kW	371,4	376,9	400,3	439,3	478,7	485,4	532,2	560,1	601,5
Desuperheater heating capacity	(3)	kW	322,5	324,0	345,6	378,2	414,7	417,4	460,7	486,5	521,2
COOLING WITH TOTAL HEAT RECOVERY											
Cooling capacity	(4)	kW	1073	1111	1174	1300	1367	1443	1541	1626	1769
Total power input	(4)	kW	302,7	320,6	336,3	377,6	413,3	431,0	439,7	457,5	496,7
Recovery heat exchanger capacity	(4)	kW	1358	1412	1491	1655	1756	1848	1954	2056	2236
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN COOLING											
Water flow		l/s	53,72	56,66	59,44	66,11	69,32	74,16	77,86	81,39	88,88
Pressure drop at the heat exchanger		kPa	69,9	67,6	69,9	61,3	67,5	58,5	69,4	75,9	52,6
PARTIAL RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(3)	l/s	15,57	15,64	16,68	18,26	20,02	20,15	22,24	23,48	25,16
Pressure drop at the heat exchanger	(3)	kPa	34,5	34,9	39,7	36,7	44,1	44,7	37,8	35,0	40,2
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(4)	l/s	65,55	68,16	71,95	79,87	84,76	89,21	94,33	99,26	108,0
Pressure drop at the heat exchanger	(4)	kPa	22,3	24,1	26,8	24,8	27,9	30,9	23,1	25,5	30,2
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	3	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	3	3	3
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	13	13	13	12	13	12	9	9	9
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A									
Theoretical refrigerant charge		kg	167	187	207	243	243	263	263	268	288
Oil charge		kg	70,0	70,0	70,0	70,0	70,0	70,0	105	105	105
Rc (ASHRAE)	(5)	kg/kW	0,15	0,16	0,17	0,18	0,17	0,17	0,16	0,16	0,16
FANS											
Quantity		N°	12	14	14	16	16	18	18	18	20
Air flow		m³/s	61,80	72,10	72,10	82,40	82,40	92,70	92,70	92,70	103,00
Total fans power input		kW	22,80	26,60	26,60	30,40	30,40	34,20	34,20	34,20	38,00
NOISE LEVEL											
Total sound Pressure		dB(A)	72	72	73	73	73	73	73	73	74
Total sound power level in cooling		dB(A)	105	105	106	106	106	106	106	106	107
SIZE AND WEIGHT											
A	(9)	mm	7900	9150	9150	10400	10400	11650	11650	11650	12900
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	7409	8243	8249	9008	9008	10165	11301	11679	12284

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-E			0522	0572	0612	0642	0702	0792	0862	0922	0982	1062
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	523,4	566,1	605,2	643,1	702,0	787,0	861,6	922,2	983,5	1056
Total power input	(1)	kW	160,6	174,7	186,2	199,3	218,3	251,8	279,7	296,5	314,0	331,6
EER	(1)	kW/kW	3,259	3,240	3,250	3,227	3,216	3,125	3,080	3,110	3,132	3,185
COOLING ONLY (EN14511 VALUE)												
Cooling capacity		kW	522,9	565,6	604,7	642,5	701,4	786,4	860,9	921,6	982,9	1055
EER		kW/kW	3,220	3,210	3,210	3,190	3,170	3,090	3,040	3,080	3,100	3,140
Cooling energy class												
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	543,0	587,3	627,9	667,2	728,4	816,5	893,9	956,8	1020	1095
Total power input	(3)	kW	155,4	169,0	180,2	193,0	211,3	243,6	270,6	286,9	303,8	320,9
Desuperheater heating capacity	(3)	kW	131,2	143,8	152,5	162,8	179,7	208,1	231,4	244,9	259,0	273,3
COOLING WITH TOTAL HEAT RECOVERY												
Cooling capacity	(4)	kW	485,3	524,3	559,7	594,0	653,6	738,3	804,9	858,1	905,5	972,8
Total power input	(4)	kW	140,1	151,1	162,4	175,3	189,3	216,4	242,0	255,6	272,5	285,8
Recovery heat exchanger capacity	(4)	kW	617,0	666,3	712,4	758,8	831,5	941,7	1032	1098	1162	1241
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow		l/s	25,03	27,07	28,94	30,75	33,57	37,64	41,20	44,10	47,03	50,48
Pressure drop at the heat exchanger		kPa	41,8	37,7	43,1	48,7	52,7	44,7	53,6	38,7	44,0	61,7
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	6,332	6,940	7,363	7,857	8,676	10,04	11,17	11,82	12,50	13,19
Pressure drop at the heat exchanger	(3)	kPa	37,9	45,6	35,1	28,8	35,1	35,3	34,0	38,0	42,5	33,4
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	29,78	32,16	34,39	36,63	40,14	45,46	49,84	53,02	56,07	59,93
Pressure drop at the heat exchanger	(4)	kPa	28,7	33,5	33,7	33,0	35,5	24,1	29,0	21,9	24,5	23,3
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		%	12	12	13	12	13	14	13	14	13	12
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A										
Theoretical refrigerant charge		kg	98,0	104	115	122	125	151	160	169	192	201
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	53,0
Rc (ASHRAE)	(5)	kg/kW	0,19	0,19	0,19	0,19	0,18	0,19	0,19	0,19	0,20	0,19
FANS												
Quantity		N°	8	8	9	10	10	11	12	13	14	15
Air flow		m³/s	41,20	41,20	46,35	51,50	51,50	56,65	61,80	66,95	72,10	77,25
Total fans power input		kW	13,60	13,60	15,30	17,00	17,00	18,70	20,40	22,10	23,80	25,50
NOISE LEVEL												
Total sound Pressure		dB(A)	68	69	68	68	69	69	70	71	71	71
Total sound power level in cooling		dB(A)	100	101	101	101	102	102	103	104	104	104
SIZE AND WEIGHT												
A	(9)	mm	5400	5400	6650	6650	6650	7900	7900	9150	9150	10400
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	5078	5085	5548	5649	5931	6384	6500	7169	7291	8141

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-E			1132	1202	1252	1402	1482
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE							
COOLING ONLY (GROSS VALUE)							
Cooling capacity	(1)	kW	1130	1198	1248	1395	1484
Total power input	(1)	kW	348,3	378,5	384,5	430,7	463,8
EER	(1)	kW/kW	3,244	3,165	3,246	3,239	3,200
COOLING ONLY (EN14511 VALUE)							
Cooling capacity		kW	1129	1197	1247	1394	1483
EER		kW/kW	3,200	3,130	3,210	3,200	3,160
Cooling energy class							
COOLING WITH PARTIAL RECOVERY							
Cooling capacity	(3)	kW	1172	1243	1295	1447	1539
Total power input	(3)	kW	337,0	366,2	372,1	416,8	448,7
Desuperheater heating capacity	(3)	kW	286,6	313,6	315,9	354,1	383,6
COOLING WITH TOTAL HEAT RECOVERY							
Cooling capacity	(4)	kW	1044	1114	1149	1285	1365
Total power input	(4)	kW	299,3	320,0	334,0	377,6	407,2
Recovery heat exchanger capacity	(4)	kW	1325	1415	1463	1640	1748
EXCHANGERS							
HEAT EXCHANGER USER SIDE IN COOLING							
Water flow		l/s	54,03	57,29	59,68	66,71	70,95
Pressure drop at the heat exchanger		kPa	61,5	46,1	50,0	47,4	57,7
PARTIAL RECOVERY USER SIDE IN REFRIGERATION							
Water flow	(3)	l/s	13,83	15,14	15,25	17,09	18,52
Pressure drop at the heat exchanger	(3)	kPa	27,3	32,7	33,1	32,2	37,8
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION							
Water flow	(4)	l/s	63,97	68,29	70,60	79,16	84,39
Pressure drop at the heat exchanger	(4)	kPa	21,2	24,2	25,8	24,4	27,7
REFRIGERANT CIRCUIT							
Compressors nr.		N°	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2
STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS							
Regulation		%	13	13	12	12	13
Min. capacity step							
Refrigerant			R513A	R513A	R513A	R513A	R513A
Theoretical refrigerant charge		kg	217	238	278	314	314
Oil charge		kg	70,0	70,0	70,0	70,0	70,0
Rc (ASHRAE)	(5)	kg/kW	0,19	0,20	0,23	0,23	0,21
FANS							
Quantity		N°	16	16	18	20	20
Air flow		m³/s	82,40	82,40	92,70	103,00	103,00
Total fans power input		kW	27,20	27,20	30,60	34,00	34,00
NOISE LEVEL							
Total sound Pressure		dB(A)	72	73	73	73	73
Total sound power level in cooling		dB(A)	105	106	106	106	106
SIZE AND WEIGHT							
A	(9)	mm	10400	10400	11650	12900	12900
B	(9)	mm	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640
Operating weight	(9)	kg	8779	8983	9583	10708	10744

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-SL-K		0532	0602	0622	0672	0732	0802	0892	0972	1032	1082	
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	517,6	560,7	604,6	627,1	719,3	771,9	840,1	917,2	979,1	1056
Total power input	(1)	kW	171,3	181,3	200,7	215,8	233,2	267,8	301,0	323,8	342,5	361,5
EER	(1)	kW/kW	3,022	3,093	3,012	2,906	3,084	2,882	2,791	2,833	2,859	2,921
COOLING ONLY (EN14511 VALUE)												
Cooling capacity		kW	517,1	560,2	604,1	626,5	718,7	771,3	839,4	916,5	978,4	1056
EER		kW/kW	2,990	3,050	2,980	2,870	3,040	2,850	2,760	2,810	2,830	2,880
Cooling energy class												
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	537,0	581,7	627,3	650,6	746,3	800,9	871,6	951,6	1016	1096
Total power input	(3)	kW	165,7	175,4	194,0	208,6	225,5	259,0	290,9	313,0	331,1	349,5
Desuperheater heating capacity	(3)	kW	144,2	151,9	169,1	182,6	195,7	226,6	256,2	275,2	290,7	306,5
COOLING WITH TOTAL HEAT RECOVERY												
Cooling capacity	(4)	kW	505,5	561,2	586,6	628,8	683,8	759,4	837,7	892,7	945,6	1016
Total power input	(4)	kW	144,2	163,3	166,4	182,6	197,7	222,5	245,6	262,8	277,3	291,5
Recovery heat exchanger capacity	(4)	kW	641,0	714,7	743,1	800,4	869,7	968,6	1069	1140	1206	1290
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow		l/s	24,75	26,81	28,91	29,99	34,40	36,92	40,18	43,86	46,82	50,52
Pressure drop at the heat exchanger		kPa	40,8	47,9	43,0	46,3	55,4	43,0	51,0	38,2	43,6	61,8
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	6,961	7,330	8,163	8,814	9,445	10,94	12,37	13,29	14,03	14,79
Pressure drop at the heat exchanger	(3)	kPa	45,8	50,8	43,2	36,2	41,6	41,9	41,6	48,0	53,6	42,0
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	30,94	34,50	35,87	38,63	41,98	46,75	51,58	55,01	58,23	62,29
Pressure drop at the heat exchanger	(4)	kPa	34,7	38,6	36,7	36,8	38,8	25,5	31,0	35,3	26,4	25,1
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		%	12	13	14	13	13	15	14	13	14	15
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A										
Theoretical refrigerant charge		kg	88,0	97,0	99,0	101	122	137	143	155	166	172
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	53,0
Rc (ASHRAE)	(5)	kg/kW	0,17	0,17	0,17	0,16	0,17	0,18	0,17	0,17	0,17	0,16
FANS												
Quantity		N°	7	8	8	8	10	10	10	11	12	13
Air flow		m³/s	32,41	37,04	37,04	37,04	46,30	46,30	46,30	50,93	55,56	60,19
Total fans power input		kW	9,80	11,20	11,20	11,20	14,00	14,00	14,00	15,40	16,80	18,20
NOISE LEVEL												
Total sound Pressure		dB(A)	59	60	60	60	60	60	60	61	62	63
Total sound power level in cooling		dB(A)	91	92	92	92	93	93	93	94	95	96
SIZE AND WEIGHT												
A	(9)	mm	5400	5400	5400	5400	6650	6650	6650	7900	7900	9150
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	5570	5661	5676	5686	6520	6543	6563	7053	7173	8205

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-SL-K			1122	1192	1242	1382	1452	1552	1633	1703	1863
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
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	1118	1164	1222	1303	1402	1475	1602	1677	1773
Total power input	(1)	kW	374,8	376,9	401,5	442,3	472,0	494,8	547,2	573,1	634,5
EER	(1)	kW/kW	2,983	3,088	3,044	2,946	2,970	2,981	2,928	2,926	2,794
COOLING ONLY (EN14511 VALUE)											
Cooling capacity		kW	1117	1163	1221	1302	1401	1475	1601	1676	1773
EER		kW/kW	2,940	3,040	3,000	2,910	2,930	2,950	2,890	2,880	2,770
Cooling energy class			-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY											
Cooling capacity	(3)	kW	1160	1207	1268	1351	1454	1531	1662	1739	1840
Total power input	(3)	kW	362,4	364,5	388,3	427,6	456,4	478,3	529,1	554,0	613,2
Desuperheater heating capacity	(3)	kW	317,1	316,4	338,4	374,8	398,8	419,2	463,5	486,6	541,3
COOLING WITH TOTAL HEAT RECOVERY											
Cooling capacity	(4)	kW	1073	1105	1169	1280	1347	1421	1541	1626	1769
Total power input	(4)	kW	302,7	317,4	332,9	368,1	403,0	420,3	439,7	457,5	496,7
Recovery heat exchanger capacity	(4)	kW	1358	1403	1481	1626	1726	1816	1954	2056	2236
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN COOLING											
Water flow		l/s	53,46	55,64	58,43	62,29	67,04	70,56	76,61	80,18	84,81
Pressure drop at the heat exchanger		kPa	69,2	65,2	67,5	54,5	63,1	53,0	67,2	73,6	47,9
PARTIAL RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(3)	l/s	15,31	15,27	16,34	18,09	19,25	20,23	22,37	23,49	26,13
Pressure drop at the heat exchanger	(3)	kPa	33,4	33,3	38,0	36,1	40,8	45,1	38,3	35,0	43,4
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(4)	l/s	65,55	67,74	71,51	78,50	83,30	87,68	94,33	99,26	108,0
Pressure drop at the heat exchanger	(4)	kPa	22,3	23,8	26,5	24,0	27,0	29,9	23,1	25,5	30,2
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	3	3	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	3	3	3
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	14	14	14	14	14	14	10	9	9
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A									
Theoretical refrigerant charge		kg	177	197	217	243	253	263	273	278	288
Oil charge		kg	70,0	70,0	70,0	70,0	70,0	70,0	105	105	105
Rc (ASHRAE)	(5)	kg/kW	0,16	0,17	0,18	0,19	0,18	0,18	0,17	0,17	0,16
FANS											
Quantity		N°	14	16	16	16	18	18	20	20	20
Air flow		m³/s	64,82	74,08	74,08	74,08	83,34	83,34	92,60	92,60	92,60
Total fans power input		kW	19,60	22,40	22,40	22,40	25,20	25,20	28,00	28,00	28,00
NOISE LEVEL											
Total sound Pressure		dB(A)	63	63	63	63	63	63	63	63	64
Total sound power level in cooling		dB(A)	96	96	96	96	96	96	96	96	97
SIZE AND WEIGHT											
A	(9)	mm	9150	10400	10400	10400	11650	11650	12900	12900	12900
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	8674	9378	9383	9607	10217	10773	12753	13131	13177

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available
Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-SL-E			0522	0572	0612	0642	0702	0792	0862	0922	0982	1062
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	507,0	574,0	596,8	623,6	700,4	770,8	832,8	914,1	966,5	1043
Total power input	(1)	kW	159,1	179,0	182,4	197,0	213,5	245,8	269,4	289,1	306,3	323,8
EER	(1)	kW/kW	3,187	3,207	3,272	3,165	3,281	3,136	3,091	3,162	3,155	3,221
COOLING ONLY (EN14511 VALUE)												
Cooling capacity		kW	506,5	573,5	596,3	623,0	699,8	770,2	832,2	913,5	965,8	1042
EER		kW/kW	3,150	3,170	3,230	3,130	3,240	3,100	3,050	3,130	3,120	3,180
Cooling energy class			-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	526,0	595,5	619,2	647,0	726,6	799,7	864,1	948,4	1003	1082
Total power input	(3)	kW	153,8	173,0	176,4	190,5	206,5	237,7	260,5	279,5	296,2	313,1
Desuperheater heating capacity	(3)	kW	134,1	150,9	153,0	166,0	178,8	207,6	226,7	243,3	257,7	272,3
COOLING WITH TOTAL HEAT RECOVERY												
Cooling capacity	(4)	kW	485,3	532,1	559,7	594,0	653,6	738,3	804,9	858,1	905,5	972,8
Total power input	(4)	kW	140,1	154,8	162,4	175,3	189,3	216,4	242,0	255,6	272,5	285,8
Recovery heat exchanger capacity	(4)	kW	617,0	677,7	712,4	758,8	831,5	941,7	1032	1098	1162	1241
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow		l/s	24,25	27,45	28,54	29,82	33,49	36,86	39,83	43,71	46,22	49,89
Pressure drop at the heat exchanger		kPa	39,2	38,8	41,9	45,8	52,5	42,9	50,1	38,0	42,5	60,3
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	6,474	7,284	7,385	8,014	8,630	10,02	10,94	11,74	12,44	13,15
Pressure drop at the heat exchanger	(3)	kPa	39,7	34,4	35,3	30,0	34,7	35,2	32,6	37,5	42,1	33,1
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	29,78	32,71	34,39	36,63	40,14	45,46	49,84	53,02	56,07	59,93
Pressure drop at the heat exchanger	(4)	kPa	28,7	30,5	33,7	33,0	35,5	24,1	29,0	21,9	24,5	23,3
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		%	12	13	13	12	13	14	13	12	13	13
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Theoretical refrigerant charge		kg	98,0	109	120	122	135	156	170	179	202	211
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	53,0
Rc (ASHRAE)	(5)	kg/kW	0,20	0,19	0,20	0,20	0,19	0,20	0,21	0,20	0,21	0,20
FANS												
Quantity		N°	8	9	10	10	12	12	14	15	16	17
Air flow		m³/s	37,04	41,67	46,30	46,30	55,56	55,56	64,82	69,45	74,08	78,71
Total fans power input		kW	8,80	9,90	11,00	11,00	13,20	13,20	15,40	16,50	17,60	18,70
NOISE LEVEL												
Total sound Pressure		dB(A)	59	59	59	59	60	60	60	61	62	63
Total sound power level in cooling		dB(A)	91	92	92	92	93	93	93	94	95	96
SIZE AND WEIGHT												
A	(9)	mm	5400	6650	6650	6650	7900	7900	9150	10400	10400	11650
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	5658	6135	6229	6239	7045	7063	7806	8287	8409	9347

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

5 Rated in accordance with AHRI Standard 550/590

6 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.

7 Sound power on the basis of measurements taken in compliance with ISO 9614.

8 Sound power level in cooling, outdoors.

9 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-SL-E			1132	1202	1252	1402	1482
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE							
COOLING ONLY (GROSS VALUE)							
Cooling capacity	(1)	kW	1115	1184	1230	1353	1436
Total power input	(1)	kW	340,5	370,7	376,9	426,2	459,4
EER	(1)	kW/kW	3,275	3,194	3,263	3,175	3,126
COOLING ONLY (EN14511 VALUE)							
Cooling capacity		kW	1115	1184	1230	1352	1435
EER		kW/kW	3,230	3,160	3,230	3,140	3,090
Cooling energy class			-	-	-	-	-
COOLING WITH PARTIAL RECOVERY							
Cooling capacity	(3)	kW	1157	1229	1277	1403	1490
Total power input	(3)	kW	329,3	358,4	364,5	412,1	444,1
Desuperheater heating capacity	(3)	kW	286,3	313,2	316,8	360,8	390,4
COOLING WITH TOTAL HEAT RECOVERY							
Cooling capacity	(4)	kW	1044	1114	1149	1285	1365
Total power input	(4)	kW	299,3	320,0	334,0	377,6	407,2
Recovery heat exchanger capacity	(4)	kW	1325	1415	1463	1640	1748
EXCHANGERS							
HEAT EXCHANGER USER SIDE IN COOLING							
Water flow		l/s	53,34	56,64	58,84	64,68	68,68
Pressure drop at the heat exchanger		kPa	59,9	45,0	48,6	44,5	54,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION							
Water flow	(3)	l/s	13,82	15,12	15,29	17,42	18,85
Pressure drop at the heat exchanger	(3)	kPa	27,2	32,6	33,3	33,4	39,1
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION							
Water flow	(4)	l/s	63,97	68,29	70,60	79,16	84,39
Pressure drop at the heat exchanger	(4)	kPa	21,2	24,2	25,8	24,4	27,7
REFRIGERANT CIRCUIT							
Compressors nr.		N°	2	2	2	2	2
Number of capacity steps		N°	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS					
Min. capacity step		%	13	13	12	13	13
Refrigerant		R513A R513A R513A R513A R513A					
Theoretical refrigerant charge		kg	227	248	288	314	314
Oil charge		kg	70,0	70,0	70,0	70,0	70,0
Rc (ASHRAE)	(5)	kg/kW	0,21	0,21	0,24	0,23	0,22
FANS							
Quantity		N°	18	18	20	20	20
Air flow		m³/s	83,34	83,34	92,60	92,60	92,60
Total fans power input		kW	19,80	19,80	22,00	22,00	22,00
NOISE LEVEL							
Total sound Pressure		dB(A)	63	63	63	63	63
Total sound power level in cooling		dB(A)	96	96	96	96	96
SIZE AND WEIGHT							
A	(9)	mm	11650	11650	12900	12900	12900
B	(9)	mm	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640
Operating weight	(9)	kg	9985	10191	10738	11316	11352

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-K-EC			0532	0602	0622	0672	0732	0802	0892	0972	1032	1082
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	533,2	597,3	623,6	674,3	725,5	800,5	889,2	966,7	1034	1079
Total power input	(1)	kW	181,3	201,4	207,0	222,9	245,7	279,1	305,4	323,2	342,1	360,4
EER	(1)	kW/kW	2,941	2,966	3,013	3,025	2,953	2,868	2,912	2,991	3,023	2,994
COOLING ONLY (EN14511 VALUE)												
Cooling capacity		kW	532,7	596,7	623,0	673,7	724,8	799,9	888,5	966,0	1033	1078
EER		kW/kW	2,910	2,930	2,980	2,990	2,910	2,840	2,880	2,960	2,990	2,950
Cooling energy class												
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	553,2	619,7	646,9	699,6	752,7	830,5	922,6	1003	1073	1120
Total power input	(3)	kW	175,3	194,7	200,2	215,5	237,6	269,9	295,3	312,5	330,8	348,5
Desuperheater heating capacity	(3)	kW	152,7	169,1	174,2	186,8	207,2	235,5	257,4	271,8	287,1	303,5
COOLING WITH TOTAL HEAT RECOVERY												
Cooling capacity	(4)	kW	513,2	569,7	595,6	638,3	694,2	771,0	850,5	906,3	960,1	1016
Total power input	(4)	kW	147,9	167,5	170,7	187,2	202,8	228,2	251,9	269,5	284,4	291,5
Recovery heat exchanger capacity	(4)	kW	652,2	727,1	756,0	814,4	884,9	985,5	1087	1160	1227	1290
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow		l/s	25,50	28,56	29,82	32,24	34,69	38,28	42,52	46,23	49,44	51,61
Pressure drop at the heat exchanger		kPa	43,3	54,4	45,8	53,5	56,3	46,3	57,1	42,5	48,6	64,5
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	7,372	8,164	8,408	9,016	10,00	11,37	12,43	13,12	13,86	14,65
Pressure drop at the heat exchanger	(3)	kPa	51,4	43,2	45,8	37,9	46,7	45,2	42,0	46,8	52,3	41,2
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	31,48	35,10	36,49	39,31	42,71	47,57	52,48	55,98	59,25	62,29
Pressure drop at the heat exchanger	(4)	kPa	32,1	35,1	38,0	38,1	40,2	26,4	32,1	36,5	27,3	25,1
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		%	12	11	10	12	12	14	13	12	13	13
Refrigerant			R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R513A
Theoretical refrigerant charge		kg	83,0	92,0	94,0	101	112	132	143	155	166	167
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	53,0
Rc (ASHRAE)	(5)	kg/kW	0,16	0,16	0,15	0,15	0,16	0,17	0,16	0,16	0,16	0,16
FANS												
Quantity		N°	6	7	7	8	8	9	10	11	12	12
Air flow		m³/s	30,90	36,05	36,05	41,20	41,20	46,35	51,50	56,65	61,80	61,80
Total fans power input		kW	10,20	11,90	11,90	13,60	13,60	15,30	17,00	18,70	20,40	20,40
NOISE LEVEL												
Total sound Pressure		dB(A)	68	69	69	69	70	69	70	71	71	71
Total sound power level in cooling		dB(A)	100	101	101	101	102	102	103	104	104	104
SIZE AND WEIGHT												
A	(9)	mm	4150	5400	5400	5400	5400	6650	6650	7900	7900	7900
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	4500	5000	5007	5106	5388	5863	5974	6464	6584	7031

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

5 Rated in accordance with AHRI Standard 550/590

6 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.

7 Sound power on the basis of measurements taken in compliance with ISO 9614.

8 Sound power level in cooling, outdoors.

9 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-K-EC			1122	1192	1242	1382	1452	1552	1633	1703	1863
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
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	1123	1185	1243	1382	1450	1551	1628	1702	1859
Total power input	(1)	kW	381,6	386,8	411,0	450,9	491,8	498,2	546,7	575,6	617,9
EER	(1)	kW/kW	2,943	3,064	3,024	3,065	2,948	3,113	2,978	2,957	3,009
COOLING ONLY (EN14511 VALUE)											
Cooling capacity		kW	1122	1184	1242	1382	1449	1550	1627	1701	1858
EER		kW/kW	2,900	3,020	2,980	3,030	2,910	3,070	2,940	2,910	2,980
Cooling energy class			-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY											
Cooling capacity	(3)	kW	1165	1229	1290	1434	1504	1609	1689	1766	1928
Total power input	(3)	kW	369,0	374,1	397,5	436,1	475,5	481,8	528,6	556,5	597,5
Desuperheater heating capacity	(3)	kW	322,5	324,0	345,6	378,2	414,7	417,4	460,7	486,5	521,2
COOLING WITH TOTAL HEAT RECOVERY											
Cooling capacity	(4)	kW	1073	1111	1174	1300	1367	1443	1541	1626	1769
Total power input	(4)	kW	302,7	320,6	336,3	377,6	413,3	431,0	439,7	457,5	496,7
Recovery heat exchanger capacity	(4)	kW	1358	1412	1491	1655	1756	1848	1954	2056	2236
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN COOLING											
Water flow		l/s	53,72	56,66	59,44	66,11	69,32	74,16	77,86	81,39	88,88
Pressure drop at the heat exchanger		kPa	69,9	67,6	69,9	61,3	67,5	58,5	69,4	75,9	52,6
PARTIAL RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(3)	l/s	15,57	15,64	16,68	18,26	20,02	20,15	22,24	23,48	25,16
Pressure drop at the heat exchanger	(3)	kPa	34,5	34,9	39,7	36,7	44,1	44,7	37,8	35,0	40,2
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(4)	l/s	65,55	68,16	71,95	79,87	84,76	89,21	94,33	99,26	108,0
Pressure drop at the heat exchanger	(4)	kPa	22,3	24,1	26,8	24,8	27,9	30,9	23,1	25,5	30,2
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	3	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	3	3	3
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	13	13	13	12	13	12	9	9	9
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A									
Theoretical refrigerant charge		kg	167	187	207	243	243	263	263	268	288
Oil charge		kg	70,0	70,0	70,0	70,0	70,0	70,0	105	105	105
Rc (ASHRAE)	(5)	kg/kW	0,15	0,16	0,17	0,18	0,17	0,17	0,16	0,16	0,16
FANS											
Quantity		N°	12	14	14	16	16	18	18	18	20
Air flow		m³/s	61,80	72,10	72,10	82,40	82,40	92,70	92,70	92,70	103,00
Total fans power input		kW	20,40	23,80	23,80	27,20	27,20	30,60	30,60	30,60	34,00
NOISE LEVEL											
Total sound Pressure		dB(A)	72	72	73	73	73	73	73	73	74
Total sound power level in cooling		dB(A)	105	105	106	106	106	106	106	106	107
SIZE AND WEIGHT											
A	(9)	mm	7900	9150	9150	10400	10400	11650	11650	11650	12900
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	7409	8243	8249	9008	9008	10165	11301	11679	12284

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-SL-K-EC			0532	0602	0622	0672	0732	0802	0892	0972	1032	1082
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	517,6	560,7	604,6	627,1	719,3	771,9	840,1	917,2	979,1	1056
Total power input	(1)	kW	169,2	178,9	198,3	213,4	230,2	264,8	298,0	320,5	338,9	357,6
EER	(1)	kW/kW	3,059	3,134	3,049	2,939	3,125	2,915	2,819	2,862	2,889	2,953
COOLING ONLY (EN14511 VALUE)												
Cooling capacity		kW	517,1	560,2	604,1	626,5	718,7	771,3	839,4	916,5	978,4	1056
EER		kW/kW	3,020	3,090	3,020	2,910	3,080	2,890	2,790	2,840	2,860	2,920
Cooling energy class												
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(3)	kW	537,0	581,7	627,3	650,6	746,3	800,9	871,6	951,6	1016	1096
Total power input	(3)	kW	163,6	173,0	191,6	206,2	222,5	256,0	287,9	309,7	327,5	345,6
Desuperheater heating capacity	(3)	kW	144,2	151,9	169,1	182,6	195,7	226,6	256,2	275,2	290,7	306,5
COOLING WITH TOTAL HEAT RECOVERY												
Cooling capacity	(4)	kW	505,5	561,2	586,6	628,8	683,8	759,4	837,7	892,7	945,6	1016
Total power input	(4)	kW	144,2	163,3	166,4	182,6	197,7	222,5	245,6	262,8	277,3	291,5
Recovery heat exchanger capacity	(4)	kW	641,0	714,7	743,1	800,4	869,7	968,6	1069	1140	1206	1290
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow		l/s	24,75	26,81	28,91	29,99	34,40	36,92	40,18	43,86	46,82	50,52
Pressure drop at the heat exchanger		kPa	40,8	47,9	43,0	46,3	55,4	43,0	51,0	38,2	43,6	61,8
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(3)	l/s	6,961	7,330	8,163	8,814	9,445	10,94	12,37	13,29	14,03	14,79
Pressure drop at the heat exchanger	(3)	kPa	45,8	50,8	43,2	36,2	41,6	41,9	41,6	48,0	53,6	42,0
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	30,94	34,50	35,87	38,63	41,98	46,75	51,58	55,01	58,23	62,29
Pressure drop at the heat exchanger	(4)	kPa	34,7	38,6	36,7	36,8	38,8	25,5	31,0	35,3	26,4	25,1
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		%	12	13	14	13	13	15	14	13	14	15
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A										
Theoretical refrigerant charge		kg	88,0	97,0	99,0	101	122	137	143	155	166	172
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	36,0	53,0
Rc (ASHRAE)	(5)	kg/kW	0,17	0,17	0,17	0,16	0,17	0,18	0,17	0,17	0,17	0,16
FANS												
Quantity		N°	7	8	8	8	10	10	10	11	12	13
Air flow		m³/s	32,41	37,04	37,04	37,04	46,30	46,30	46,30	50,93	55,56	60,19
Total fans power input		kW	7,70	8,80	8,80	8,80	11,00	11,00	11,00	12,10	13,20	14,30
NOISE LEVEL												
Total sound Pressure		dB(A)	59	60	60	60	60	60	60	61	62	63
Total sound power level in cooling		dB(A)	91	92	92	92	93	93	93	94	95	96
SIZE AND WEIGHT												
A	(9)	mm	5400	5400	5400	5400	6650	6650	6650	7900	7900	9150
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	5570	5661	5676	5686	6520	6543	6563	7053	7173	8205

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

i-FX2-G05-SL-K-EC			1122	1192	1242	1382	1452	1552	1633	1703	1863
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
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	1118	1164	1222	1303	1402	1475	1602	1677	1773
Total power input	(1)	kW	370,6	372,1	396,7	437,5	466,6	489,4	541,2	567,1	628,5
EER	(1)	kW/kW	3,017	3,128	3,080	2,978	3,005	3,014	2,960	2,957	2,821
COOLING ONLY (EN14511 VALUE)											
Cooling capacity		kW	1117	1163	1221	1302	1401	1475	1601	1676	1773
EER		kW/kW	2,970	3,080	3,040	2,940	2,970	2,980	2,920	2,910	2,800
Cooling energy class			-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY											
Cooling capacity	(3)	kW	1160	1207	1268	1351	1454	1531	1662	1739	1840
Total power input	(3)	kW	358,2	359,7	383,5	422,8	451,0	472,9	523,1	548,0	607,2
Desuperheater heating capacity	(3)	kW	317,1	316,4	338,4	374,8	398,8	419,2	463,5	486,6	541,3
COOLING WITH TOTAL HEAT RECOVERY											
Cooling capacity	(4)	kW	1073	1105	1169	1280	1347	1421	1541	1626	1769
Total power input	(4)	kW	302,7	317,4	332,9	368,1	403,0	420,3	439,7	457,5	496,7
Recovery heat exchanger capacity	(4)	kW	1358	1403	1481	1626	1726	1816	1954	2056	2236
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN COOLING											
Water flow		l/s	53,46	55,64	58,43	62,29	67,04	70,56	76,61	80,18	84,81
Pressure drop at the heat exchanger		kPa	69,2	65,2	67,5	54,5	63,1	53,0	67,2	73,6	47,9
PARTIAL RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(3)	l/s	15,31	15,27	16,34	18,09	19,25	20,23	22,37	23,49	26,13
Pressure drop at the heat exchanger	(3)	kPa	33,4	33,3	38,0	36,1	40,8	45,1	38,3	35,0	43,4
HEAT EXCHANGER RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(4)	l/s	65,55	67,74	71,51	78,50	83,30	87,68	94,33	99,26	108,0
Pressure drop at the heat exchanger	(4)	kPa	22,3	23,8	26,5	24,0	27,0	29,9	23,1	25,5	30,2
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	3	3	3
Number of capacity steps		N°	0	0	0	0	0	0	0	0	0
No. Circuits		N°	2	2	2	2	2	2	3	3	3
Regulation		STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS STEPLESS									
Min. capacity step		%	14	14	14	14	14	14	10	9	9
Refrigerant		R513A R513A R513A R513A R513A R513A R513A R513A R513A R513A									
Theoretical refrigerant charge		kg	177	197	217	243	253	263	273	278	288
Oil charge		kg	70,0	70,0	70,0	70,0	70,0	70,0	105	105	105
Rc (ASHRAE)	(5)	kg/kW	0,16	0,17	0,18	0,19	0,18	0,18	0,17	0,17	0,16
FANS											
Quantity		N°	14	16	16	16	18	18	20	20	20
Air flow		m³/s	64,82	74,08	74,08	74,08	83,34	83,34	92,60	92,60	92,60
Total fans power input		kW	15,40	17,60	17,60	17,60	19,80	19,80	22,00	22,00	22,00
NOISE LEVEL											
Total sound Pressure		dB(A)	63	63	63	63	63	63	63	63	64
Total sound power level in cooling		dB(A)	96	96	96	96	96	96	96	96	97
SIZE AND WEIGHT											
A	(9)	mm	9150	10400	10400	10400	11650	11650	12900	12900	12900
B	(9)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(9)	mm	2640	2640	2640	2640	2640	2640	2640	2640	2640
Operating weight	(9)	kg	8674	9378	9383	9607	10217	10773	12753	13131	13177

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

- 5 Rated in accordance with AHRI Standard 550/590
 6 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.
 7 Sound power on the basis of measurements taken in compliance with ISO 9614.
 8 Sound power level in cooling, outdoors.
 9 Unit in standard configuration, without optional accessories.
 - Not available

Data certified in EUROVENT

7 TECHNICAL DATA SEASONAL EFFICIENCY IN COOLING (EN14825 VALUE)

Data Book

DB_CV_i-FX2-G05 0522 - 1863_012024_EN R513A

[SI System]

ENERGY EFFICIENCY

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

Ambient refrigeration

i-FX2-G05-K			0532	0602	0622	0672	0732	0802	0892	0972	1032	1082
Prated,c	(1)	kW	532,7	596,7	623,0	673,7	724,8	799,9	888,5	966,0	1033,0	1078,0
SEER	(1) (2)	-	5,08	5,00	5,06	4,89	4,85	4,87	4,99	5,00	4,90	4,97
Performance η_s	(1) (3)	%	200,0	197,0	199,0	193,0	191,0	192,0	197,0	197,0	193,0	196,0
i-FX2-G05-K			1122	1192	1242	1382	1452	1552	1633	1703	1863	
Prated,c	(1)	kW	1122,0	1184,0	1242,0	1382,0	1449,0	1550,0	1627,0	1701,0	1858,0	
SEER	(1) (2)	-	5,01	5,04	5,05	5,12	5,03	5,16	4,99	5,04	5,13	
Performance η_s	(1) (3)	%	197,0	199,0	199,0	202,0	198,0	203,0	197,0	198,0	202,0	

i-FX2-G05-E			0522	0572	0612	0642	0702	0792	0862	0922	0982	1062
Prated,c	(1)	kW	522,9	565,6	604,7	642,5	701,4	786,4	860,9	921,6	982,9	1055,0
SEER	(1) (2)	-	5,59	5,60	5,52	5,45	5,49	5,47	5,45	5,35	5,30	5,38
Performance η_s	(1) (3)	%	220,0	221,0	218,0	215,0	217,0	216,0	215,0	211,0	209,0	212,0
i-FX2-G05-E			1132	1202	1252	1402	1482					
Prated,c	(1)	kW	1129,0	1197,0	1247,0	1394,0	1483,0					
SEER	(1) (2)	-	5,51	5,48	5,53	5,57	5,59					
Performance η_s	(1) (3)	%	217,0	216,0	218,0	220,0	221,0					

i-FX2-G05-SL-K			0532	0602	0622	0672	0732	0802	0892	0972	1032	1082
Prated,c	(1)	kW	517,1	560,2	604,1	626,5	718,7	771,3	839,4	916,5	978,4	1056,0
SEER	(1) (2)	-	5,10	5,11	4,98	4,84	4,97	4,85	4,93	4,90	4,80	4,93
Performance η_s	(1) (3)	%	201,0	202,0	196,0	191,0	196,0	191,0	194,0	193,0	189,0	194,0
i-FX2-G05-SL-K			1122	1192	1242	1382	1452	1552	1633	1703	1863	
Prated,c	(1)	kW	1117,0	1163,0	1221,0	1302,0	1401,0	1475,0	1601,0	1676,0	1773,0	
SEER	(1) (2)	-	5,04	5,07	5,09	5,07	5,07	5,12	4,95	5,05	4,99	
Performance η_s	(1) (3)	%	199,0	200,0	201,0	200,0	200,0	202,0	195,0	199,0	197,0	

i-FX2-G05-SL-E			0522	0572	0612	0642	0702	0792	0862	0922	0982	1062
Prated,c	(1)	kW	506,5	573,5	596,3	623,0	699,8	770,2	832,2	913,5	965,8	1042,0
SEER	(1) (2)	-	5,58	5,42	5,48	5,38	5,43	5,45	5,37	5,41	5,27	5,41
Performance η_s	(1) (3)	%	220,0	214,0	216,0	212,0	214,0	215,0	212,0	213,0	208,0	214,0
i-FX2-G05-SL-E			1132	1202	1252	1402	1482					
Prated,c	(1)	kW	1115,0	1184,0	1230,0	1352,0	1435,0					
SEER	(1) (2)	-	5,51	5,48	5,54	5,53	5,52					
Performance η_s	(1) (3)	%	217,0	216,0	218,0	218,0	218,0					

i-FX2-G05-K-EC			0532	0602	0622	0672	0732	0802	0892	0972	1032	1082
Prated,c	(1)	kW	532,7	596,7	623,0	673,7	724,8	799,9	888,5	966,0	1033,0	1078,0
SEER	(1) (2)	-	5,25	5,17	5,22	5,06	5,00	5,04	5,17	5,17	5,07	5,14
Performance η_s	(1) (3)	%	207,0	204,0	206,0	199,0	197,0	199,0	204,0	204,0	200,0	202,0
i-FX2-G05-K-EC			1122	1192	1242	1382	1452	1552	1633	1703	1863	
Prated,c	(1)	kW	1122,0	1184,0	1242,0	1382,0	1449,0	1550,0	1627,0	1701,0	1858,0	
SEER	(1) (2)	-	5,17	5,22	5,23	5,30	5,20	5,34	5,14	5,19	5,29	
Performance η_s	(1) (3)	%	204,0	206,0	206,0	209,0	205,0	211,0	202,0	204,0	209,0	

i-FX2-G05-SL-K-EC			0532	0602	0622	0672	0732	0802	0892	0972	1032	1082
Prated,c	(1)	kW	517,1	560,2	604,1	626,5	718,7	771,3	839,4	916,5	978,4	1056,0
SEER	(1) (2)	-	5,32	5,38	5,22	5,06	5,22	5,07	5,14	5,10	5,01	5,15
Performance η_s	(1) (3)	%	210,0	212,0	206,0	199,0	206,0	200,0	203,0	201,0	197,0	203,0
i-FX2-G05-SL-K-EC			1122	1192	1242	1382	1452	1552	1633	1703	1863	
Prated,c	(1)	kW	1117,0	1163,0	1221,0	1302,0	1401,0	1475,0	1601,0	1676,0	1773,0	
SEER	(1) (2)	-	5,27	5,32	5,34	5,29	5,31	5,36	5,17	5,27	5,20	
Performance η_s	(1) (3)	%	208,0	210,0	210,0	209,0	209,0	211,0	204,0	208,0	205,0	

Notes:

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

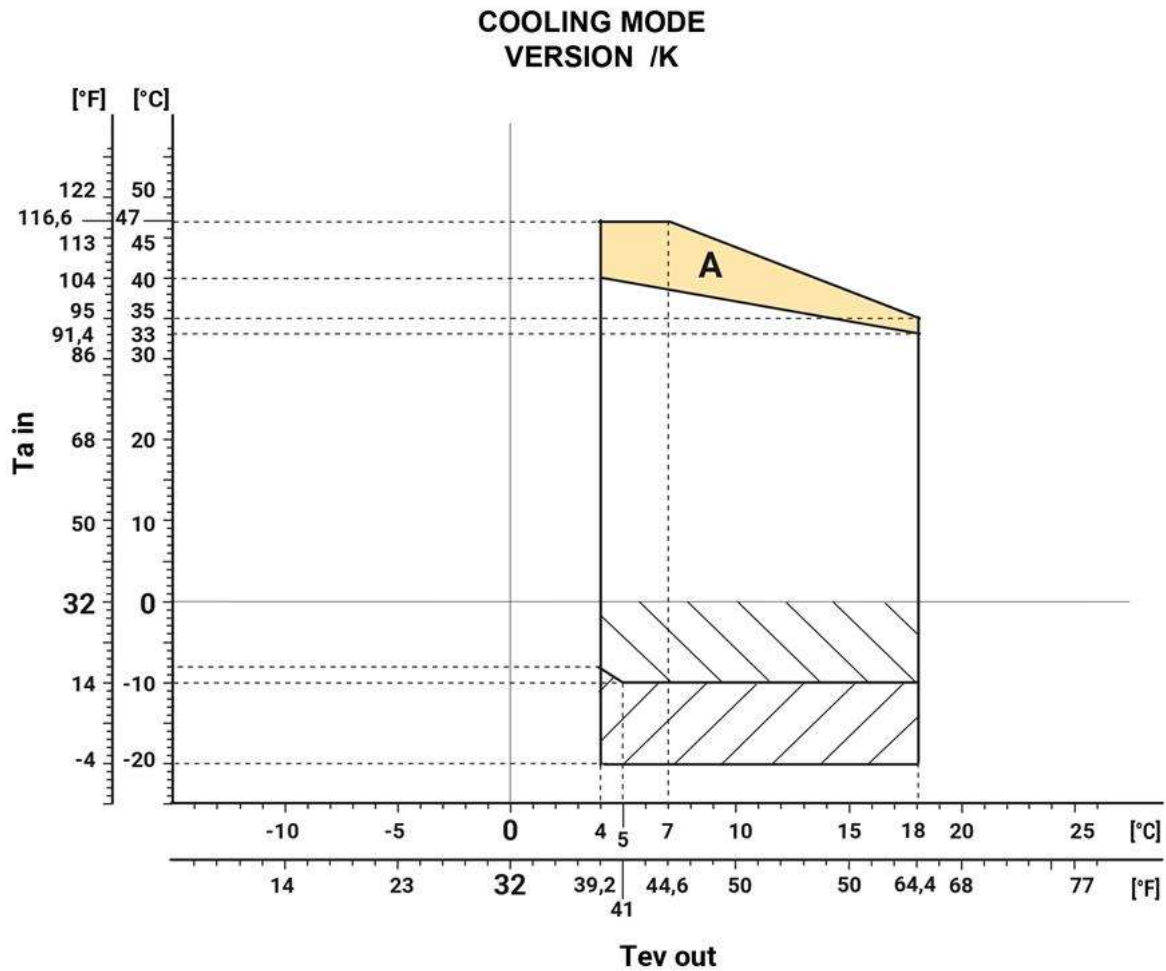
(2) Seasonal energy efficiency ratio

(3) Seasonal space cooling energy efficiency

The units highlighted in this publication contain R513A [GWP₁₀₀ 572] fluorinated greenhouse gases.

Data certified in EUROVENT

8.1 Operating limits - Graphs



Ta in Outdoor air temperature

Tev out Evaporator leaving water temperature



Unit at full load.
Unit at full load not super low noise (-SL version)



Required: Antifreeze heaters on pipes, pumps* (opt. 2432) *if present.



Required: Antifreeze heaters on pipes, pumps* (opt. 2432) *if present.
Extra insulation on heat exchangers / pipes + pumps* (opt. 2631 / 2633) *if present.
EC fans (opt. 808)



Unit at full load.
Unit at full load not super low noise (SL version)

In particular operating conditions the unit can work with forced ventilation, at partial loads or with derating compressors. For any specific information please refer to the ElcaWorld software selection.

For the specific temperature limits of each model please refer to the selection software ElcaWorld.