

I-FX (1+)-Z /CA			2602	2662	2722	3152	3602	3902	4212	4513	4953	5403
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
<b>PERFORMANCE</b>												
<b>COOLING ONLY (GROSS VALUE)</b>												
Cooling capacity	(1)	kW	567	631	700	785	858	951	1045	1127	1196	1273
Total power input	(1)	kW	181	201	224	249	273	302	333	359	380	405
EER	(1)	kW/kW	3,13	3,14	3,13	3,15	3,14	3,15	3,14	3,14	3,15	3,14
<b>COOLING ONLY (EN14511 VALUE)</b>												
Cooling capacity	(1)(2)	kW	566	629	698	783	855	949	1042	1123	1192	1269
EER	(1)(2)	kW/kW	3,10	3,10	3,10	3,12	3,10	3,11	3,10	3,10	3,11	3,10
Cooling energy class		A	A	A	A	A	A	A	A	A	A	A
SEPR	(3)(4)		5,74	5,72	5,59	5,63	5,52	5,53	5,66	5,64	5,84	5,73
<b>COOLING ONLY (GROSS VALUE) 16°C/10°C</b>												
Cooling capacity	(5)	kW	623	691	768	862	942	1045	1147	1234	1311	1395
Total power input	(5)	kW	188	208	232	258	284	313	345	371	394	420
EER	(5)	kW/kW	3,31	3,32	3,31	3,34	3,31	3,33	3,32	3,32	3,33	3,32
<b>23°C/15°C</b>												
Cooling capacity	(6)	kW	717	793	882	993	1083	1205	1303	1414	1505	1602
Total power input	(6)	kW	199	219	244	273	302	332	350	392	416	444
EER	(6)	kW/kW	3,60	3,62	3,61	3,63	3,63	3,63	3,72	3,61	3,62	3,60
<b>EXCHANGERS</b>												
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>												
Water flow	(1)	l/s	27,14	30,17	33,48	37,55	41,03	45,49	49,96	53,90	57,18	60,88
Pressure drop	(1)(2)	kPa	36,0	35,4	31,1	34,5	41,2	36,7	44,3	51,6	43,6	49,5
<b>REFRIGERANT CIRCUIT</b>												
Compressors nr.		N°	2	2	2	2	2	2	2	3	3	3
No. Circuits		N°	2	2	2	2	2	2	2	3	3	3
Refrigerant charge		kg	115	180	190	200	200	210	220	255	245	255
<b>NOISE LEVEL</b>												
Sound Pressure	(7)	dB(A)	67	68	68	68	69	70	71	72	72	72
Sound power level in cooling	(8)(9)	dB(A)	100	101	101	101	102	103	104	105	105	105
<b>SIZE AND WEIGHT</b>												
A	(10)	mm	7000	7900	7900	7900	9860	10790	11720	12630	12630	12630
B	(10)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(10)	mm	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530
Operating weight	(10)	kg	6130	7170	7460	7970	9110	10080	10140	11640	12570	12950

I-FX (1+)-Z /SL			2602	2662	2722	3152	3903	3953	4013	4063	4953	5403
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
<b>PERFORMANCE</b>												
<b>COOLING ONLY (GROSS VALUE)</b>												
Cooling capacity	(1)	kW	544	611	679	752	805	880	946	1018	1143	1209
Total power input	(1)	kW	181	201	222	249	268	295	311	335	380	411
EER	(1)	kW/kW	3,01	3,04	3,06	3,03	3,01	2,98	3,04	3,04	3,01	2,94
<b>COOLING ONLY (EN14511 VALUE)</b>												
Cooling capacity	(1)(2)	kW	542	610	677	750	802	878	944	1015	1140	1205
EER	(1)(2)	kW/kW	2,98	3,01	3,03	3,00	2,97	2,95	3,01	3,00	2,97	2,90
Cooling energy class		B	B	B	B	B	B	B	B	B	B	B
SEPR	(3)(4)		5,89	5,86	5,71	5,83	5,81	5,70	5,61	5,79	5,95	5,84
<b>COOLING ONLY (GROSS VALUE) 16°C/10°C</b>												
Cooling capacity	(5)	kW	595	668	743	823	880	964	1034	1112	1249	1322
Total power input	(5)	kW	189	209	231	259	279	309	324	349	396	429
EER	(5)	kW/kW	3,15	3,19	3,21	3,18	3,15	3,12	3,19	3,19	3,16	3,08
<b>23°C/15°C</b>												
Cooling capacity	(6)	kW	681	763	850	943	1006	1103	1180	1270	1426	1509
Total power input	(6)	kW	202	223	247	276	298	330	344	371	421	458
EER	(6)	kW/kW	3,38	3,43	3,45	3,41	3,38	3,34	3,43	3,42	3,39	3,29
<b>EXCHANGERS</b>												
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>												
Water flow	(1)	l/s	26,00	29,22	32,46	35,97	38,48	42,09	45,25	48,67	54,66	57,83
Pressure drop	(1)(2)	kPa	33,0	33,2	29,2	31,7	36,3	31,5	36,4	42,1	39,9	44,6
<b>REFRIGERANT CIRCUIT</b>												
Compressors nr.		N°	2	2	2	2	3	3	3	3	3	3
No. Circuits		N°	2	2	2	2	3	3	3	3	3	3
Refrigerant charge		kg	115	180	190	200	200	200	210	220	255	255
<b>NOISE LEVEL</b>												
Sound Pressure	(7)	dB(A)	58	59	60	60	60	60	60	61	61	64
Sound power level in cooling	(8)(9)	dB(A)	91	92	93	93	93	93	93	94	94	97
<b>SIZE AND WEIGHT</b>												
A	(10)	mm	7000	7900	7900	7900	9900	10800	10800	11700	11700	12630
B	(10)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260	2260
H	(10)	mm	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530
Operating weight	(10)	kg	6410	7400	7690	8370	9570	10080	10650	11090	12600	13530

**Notes:**

- Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
  - Values in compliance with EN14511-3:2013.
  - Seasonal space heating energy index
  - Seasonal energy efficiency of high temperature process cooling [REGULATION (EU) N. 2016/2281]
  - Plant (side) cooling exchanger water (in/out) 16°C/ 10°C; Source (side) heat exchanger air (in) 35°C.
  - User (side) cooling exchanger water (in/out) 23°C/ 15°C; Source (side) heat exchanger air (in) 35°C.
  - 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.
  - Sound power on the basis of measurements made in compliance with ISO 9614.
  - Sound power level in cooling, outdoors.
  - Unit in standard configuration/execution, without optional accessories.
- The units highlighted in this publication contain HFC R134a [GWP<sub>100</sub> 1430] fluorinated greenhouse gases.

Certified data in EUROVENT

