[SI System]

i-FX2-W-G04 /H			0402	0452	0502	0572	0632	0702	0762	0852	0942	1042
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												
PERFORMANCE MAX												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)(4)	**kW**	**397,8**	**450,0**	**504,0**	**566,0**	**626,0**	**702,0**	**762,0**	**850,0**	**938,0**	**1040**
Total power input	(1)(4)	kW	78,13	87,90	97,27	111,0	125,7	145,2	167,7	160,8	177,6	200,2
EER	(1)(4)	kW/kW	5,093	5,119	5,180	5,099	4,980	4,835	4,544	5,286	5,282	5,195
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(2)(4)	**kW**	**453,1**	**512,5**	**574,0**	**646,6**	**718,3**	**812,0**	**891,5**	**954,1**	**1055**	**1184**
Total power input	(2)(4)	kW	104,0	116,7	128,9	146,2	164,4	187,8	213,8	207,1	229,1	259,0
COP	(2)(4)	kW/kW	4,357	4,392	4,453	4,423	4,369	4,324	4,170	4,607	4,605	4,571
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)(4)	l/s	19,03	21,52	24,10	27,07	29,94	33,57	36,44	40,65	44,86	49,74
Pressure drop at the heat exchanger	(1)(4)	kPa	30,0	30,1	30,5	31,1	31,5	34,8	35,3	34,3	34,2	35,3
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(2)(4)	l/s	21,87	24,74	27,71	31,21	34,67	39,19	43,03	46,05	50,94	57,17
Pressure drop at the heat exchanger	(2)(4)	kPa	28,3	36,2	27,8	30,6	33,8	29,9	36,0	31,3	29,9	30,5
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION												
Water flow	(1)(4)	l/s	22,67	25,62	28,65	32,25	35,80	40,34	44,24	48,17	53,16	59,09
Pressure drop at the heat exchanger	(1)(4)	kPa	30,5	38,9	29,7	32,6	36,0	31,6	38,1	34,3	32,6	32,6
HEAT EXCHANGER SOURCE SIDE IN HEATING												
Water flow	(2)(4)	l/s	28,31	32,10	36,08	40,00	43,89	50,64	55,00	60,51	66,94	74,97
Pressure drop at the heat exchanger	(2)(4)	kPa	66,4	66,9	68,3	67,8	67,7	79,1	80,4	75,9	76,1	80,1
NOISE LEVEL												
Total sound Pressure	(7)(4)	dB(A)	81	83	83	83	84	84	84	79	82	82
Total sound power level in cooling	(1)(4)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
Sound power level in heating	(2)(4)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
SELEZIONE NOMINALE - DATI CERTIFICATI EUROVENT												
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(3)(5)	**kW**	**397,5**	**449,6**	**503,6**	**565,6**	**625,5**	**701,5**	**761,4**	**849,4**	**937,4**	**1039**
EER	(1)(3)(5)	kW/kW	4,940	4,950	5,030	4,950	4,840	4,700	4,420	5,130	5,130	5,050
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(2)(3)(5)	**kW**	**453,5**	**513,0**	**574,4**	**647,1**	**718,8**	**812,5**	**892,1**	**954,6**	**1056**	**1185**
COP	(2)(3)(5)	kW/kW	4,200	4,220	4,290	4,260	4,210	4,160	4,010	4,430	4,430	4,400
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)(5)	l/s	19,03	21,52	24,10	27,07	29,94	33,57	36,44	40,65	44,86	49,74
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	30,0	30,1	30,5	31,1	31,5	34,8	35,3	34,3	34,2	35,3
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(2)(5)	l/s	21,87	24,74	27,71	31,21	34,67	39,19	43,03	46,05	50,94	57,17
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	28,3	36,2	27,8	30,6	33,8	29,9	36,0	31,3	29,9	30,5
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION												
Water flow	(1)(5)	l/s	22,67	25,62	28,65	32,25	35,80	40,34	44,24	48,17	53,16	59,09
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	30,5	38,9	29,7	32,6	36,0	31,6	38,1	34,3	32,6	32,6
HEAT EXCHANGER SOURCE SIDE IN HEATING												
Water flow	(2)(5)	l/s	28,31	32,10	36,08	40,00	43,89	50,64	55,00	60,51	66,94	74,97
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	66,4	66,9	68,3	67,8	67,7	79,1	80,4	75,9	76,1	80,1
NOISE LEVEL												
Total sound Pressure	(7)(5)	dB(A)	81	83	83	83	84	84	84	79	82	82
Total sound power level in cooling	(1)(5)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
Sound power level in heating	(2)(5)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
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			2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS
Min. capacity step		%	-	-	-	-	-	-	-	-	-	-
Refrigerant			R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze
Theoretical refrigerant charge	(10)	kg	118	118	142	142	156	223	234	246	258	271
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	70,0	70,0	70,0
Rc (ASHRAE)	(6)(10)	kg/kW	0,30	0,27	0,29	0,26	0,25	0,32	0,31	0,29	0,28	0,27
SIZE AND WEIGHT												
A	(9)	mm	3540	3540	3540	3580	3580	4730	4730	4730	4730	4730
B	(9)	mm	1520	1520	1520	1595	1595	1630	1630	1710	1710	1710
H	(9)	mm	2140	2140	2140	2140	2140	2140	2140	2200	2200	2200
Operating weight	(9)	kg	4750	4810	5030	5090	5260	6280	6590	7590	7890	8300

Notes:
1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger water (in/out) 30,00°C/35,00°C.
2 User side exchanger hot water temperature (in/out) 40,00°C/45,00°C; Source side exchanger water temperature(in/out) 10,00°C/7,00°C (or the maximum calculated temperature coming from the maximum flow rate allowed)
3 Values in compliance with EN14511
4 Unit performance with inverter compressor at maximum speeds.
5 Unit performance with inverter compressor at nominal speed.
6 Rated in accordance with AHRI Standard 550/590
7 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
8 Sound power on the basis of measurements taken in compliance with ISO 9614.
9 Unit in standard configuration, without optional accessories.
10 Nominal value, please refer always to the printed value on the unit data plate.
- Not available
Data certified in EUROVENT

[SI System]

i-FX2-W-G04 /H			1122	1242
Power supply		V/ph/Hz	400/3/50	400/3/50
PERFORMANCE				
PERFORMANCE MAX				
COOLING ONLY (GROSS VALUE)				
Cooling capacity	(1)(4)	**kW**	**1118**	**1242**
Total power input	(1)(4)	kW	221,4	253,8
EER	(1)(4)	kW/kW	5,050	4,894
HEATING ONLY (GROSS VALUE)				
Total heating capacity	(2)(4)	**kW**	**1277**	**1428**
Total power input	(2)(4)	kW	282,4	323,2
COP	(2)(4)	kW/kW	4,522	4,418
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN COOLING				
Water flow	(1)(4)	l/s	53,47	59,40
Pressure drop at the heat exchanger	(1)(4)	kPa	35,6	35,7
HEAT EXCHANGER USER SIDE IN HEATING				
Water flow	(2)(4)	l/s	61,66	68,92
Pressure drop at the heat exchanger	(2)(4)	kPa	35,5	30,2
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION				
Water flow	(1)(4)	l/s	63,80	71,23
Pressure drop at the heat exchanger	(1)(4)	kPa	38,0	32,2
HEAT EXCHANGER SOURCE SIDE IN HEATING				
Water flow	(2)(4)	l/s	80,56	89,17
Pressure drop at the heat exchanger	(2)(4)	kPa	80,7	80,4
NOISE LEVEL				
Total sound Pressure	(7)(4)	dB(A)	83	83
Total sound power level in cooling	(1)(4)(8)	dB(A)	103	103
Sound power level in heating	(2)(4)(8)	dB(A)	103	103
SELEZIONE NOMINALE - DATI CERTIFICATI EUROVENT				
COOLING ONLY (EN14511 VALUE)				
Cooling capacity	(1)(3)(5)	**kW**	**1117**	**1241**
EER	(1)(3)(5)	kW/kW	4,900	4,770
HEATING ONLY (EN14511 VALUE)				
Total heating capacity	(2)(3)(5)	**kW**	**1278**	**1429**
COP	(2)(3)(5)	kW/kW	4,340	4,260
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN COOLING				
Water flow	(1)(5)	l/s	53,47	59,40
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	35,6	35,7
HEAT EXCHANGER USER SIDE IN HEATING				
Water flow	(2)(5)	l/s	61,66	68,92
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	35,5	30,2
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION				
Water flow	(1)(5)	l/s	63,80	71,23
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	38,0	32,2
HEAT EXCHANGER SOURCE SIDE IN HEATING				
Water flow	(2)(5)	l/s	80,56	89,17
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	80,7	80,4
NOISE LEVEL				
Total sound Pressure	(7)(5)	dB(A)	83	83
Total sound power level in cooling	(1)(5)(8)	dB(A)	103	103
Sound power level in heating	(2)(5)(8)	dB(A)	103	103
REFRIGERANT CIRCUIT				
Compressors nr.		N°	2	2
Number of capacity steps		N°	0	0
No. Circuits		N°	2	2
Regulation			2xSTEPSLESS	2xSTEPSLESS
Min. capacity step		%	-	-
Refrigerant			R1234ze	R1234ze
Theoretical refrigerant charge	(10)	kg	285	299
Oil charge		kg	70,0	70,0
Rc (ASHRAE)	(6)(10)	kg/kW	0,26	0,25
SIZE AND WEIGHT				
A	(9)	mm	4730	4800
B	(9)	mm	1710	1810
H	(9)	mm	2200	2450
Operating weight	(9)	kg	8650	9400

Notes:
1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger water (in/out) 30,00°C/35,00°C.
2 User side exchanger hot water temperature (in/out) 40,00°C/45,00°C; Source side exchanger water temperature(in/out) 10,00°C/7,00°C (or the maximum calculated temperature coming from the maximum flow rate allowed)
3 Values in compliance with EN14511
4 Unit performance with inverter compressor at maximum speeds.
5 Unit performance with inverter compressor at nominal speed.
6 Rated in accordance with AHRI Standard 550/590
7 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
8 Sound power on the basis of measurements taken in compliance with ISO 9614.
9 Unit in standard configuration, without optional accessories.
10 Nominal value, please refer always to the printed value on the unit data plate.
- Not available
Data certified in EUROVENT

[SI System]

i-FX2-W-G04 /H + HWT kit			0402	0452	0502	0572	0632	0702	0762	0852	0942	1042
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												
PERFORMANCE MAX												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)(4)	**kW**	**412,0**	**460,0**	**502,0**	**570,0**	**628,0**	**700,0**	**768,0**	**858,0**	**942,0**	**1044**
Total power input	(1)(4)	kW	78,63	87,97	96,72	113,9	127,3	147,1	165,0	164,6	184,6	212,6
EER	(1)(4)	kW/kW	5,242	5,227	5,191	5,004	4,933	4,759	4,655	5,213	5,103	4,911
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(2)(4)	**kW**	**460,9**	**515,6**	**565,2**	**646,7**	**715,5**	**800,4**	**881,3**	**965,2**	**1063**	**1184**
Total power input	(2)(4)	kW	98,52	109,4	119,8	139,3	154,3	177,9	197,5	200,5	222,4	251,8
COP	(2)(4)	kW/kW	4,679	4,713	4,718	4,642	4,637	4,499	4,462	4,814	4,780	4,702
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)(4)	l/s	19,70	22,00	24,01	27,26	30,03	33,47	36,73	41,03	45,05	49,93
Pressure drop at the heat exchanger	(1)(4)	kPa	32,2	31,4	30,2	31,5	31,7	34,6	35,8	34,9	34,5	35,5
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(2)(4)	l/s	22,25	24,89	27,28	31,22	34,54	38,63	42,54	46,59	51,31	57,15
Pressure drop at the heat exchanger	(2)(4)	kPa	29,3	36,7	26,9	30,6	33,5	29,0	35,2	32,1	30,4	30,5
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION												
Water flow	(1)(4)	l/s	23,38	26,11	28,53	32,57	35,97	40,33	44,42	48,73	53,67	59,84
Pressure drop at the heat exchanger	(1)(4)	kPa	32,4	40,4	29,4	33,3	36,4	31,6	38,4	35,1	33,2	33,4
HEAT EXCHANGER SOURCE SIDE IN HEATING												
Water flow	(2)(4)	l/s	29,17	32,89	36,06	40,00	43,89	50,45	55,00	61,90	68,05	75,28
Pressure drop at the heat exchanger	(2)(4)	kPa	70,5	70,2	68,3	67,8	67,7	78,5	80,4	79,4	78,6	80,8
NOISE LEVEL												
Total sound Pressure	(7)(4)	dB(A)	81	83	83	83	84	84	84	79	82	82
Total sound power level in cooling	(1)(4)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
Sound power level in heating	(2)(4)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
SELEZIONE NOMINALE - DATI CERTIFICATI EUROVENT												
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(3)(5)	**kW**	**411,7**	**459,6**	**501,6**	**569,5**	**627,5**	**699,5**	**767,5**	**857,5**	**941,4**	**1043**
EER	(1)(3)(5)	kW/kW	5,080	5,050	5,040	4,860	4,790	4,630	4,520	5,060	4,960	4,780
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(2)(3)(5)	**kW**	**461,3**	**516,1**	**565,6**	**647,2**	**716,0**	**800,9**	**881,8**	**965,8**	**1064**	**1185**
COP	(2)(3)(5)	kW/kW	4,490	4,510	4,530	4,470	4,460	4,320	4,280	4,610	4,590	4,510
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)(5)	l/s	19,70	22,00	24,01	27,26	30,03	33,47	36,73	41,03	45,05	49,93
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	32,2	31,4	30,2	31,5	31,7	34,6	35,8	34,9	34,5	35,5
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(2)(5)	l/s	22,25	24,89	27,28	31,22	34,54	38,63	42,54	46,59	51,31	57,15
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	29,3	36,7	26,9	30,6	33,5	29,0	35,2	32,1	30,4	30,5
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION												
Water flow	(1)(5)	l/s	23,38	26,11	28,53	32,57	35,97	40,33	44,42	48,73	53,67	59,84
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	32,4	40,4	29,4	33,3	36,4	31,6	38,4	35,1	33,2	33,4
HEAT EXCHANGER SOURCE SIDE IN HEATING												
Water flow	(2)(5)	l/s	29,17	32,89	36,06	40,00	43,89	50,45	55,00	61,90	68,05	75,28
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	70,5	70,2	68,3	67,8	67,7	78,5	80,4	79,4	78,6	80,8
NOISE LEVEL												
Total sound Pressure	(7)(5)	dB(A)	81	83	83	83	84	84	84	79	82	82
Total sound power level in cooling	(1)(5)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
Sound power level in heating	(2)(5)(8)	dB(A)	100	102	102	102	103	104	104	99	102	102
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			2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS	2xSTEPSLESS
Min. capacity step		%	-	-	-	-	-	-	-	-	-	-
Refrigerant			R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze	R1234ze
Theoretical refrigerant charge	(10)	kg	118	118	142	142	156	223	234	246	258	271
Oil charge		kg	36,0	36,0	36,0	36,0	36,0	36,0	36,0	70,0	70,0	70,0
Rc (ASHRAE)	(6)(10)	kg/kW	0,29	0,26	0,29	0,25	0,25	0,32	0,31	0,29	0,28	0,26
SIZE AND WEIGHT												
A	(9)	mm	3540	3540	3540	3580	3580	4730	4730	4730	4730	4730
B	(9)	mm	1520	1520	1520	1595	1595	1630	1630	1710	1710	1710
H	(9)	mm	2140	2140	2140	2140	2140	2140	2140	2200	2200	2200
Operating weight	(9)	kg	4750	4810	5030	5090	5260	6280	6590	7590	7890	8300

Notes:
1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger water (in/out) 30,00°C/35,00°C.
2 User side exchanger hot water temperature (in/out) 40,00°C/45,00°C; Source side exchanger water temperature(in/out) 10,00°C/6,98°C (or the maximum calculated temperature coming from the maximum flow rate allowed)
3 Values in compliance with EN14511
4 Unit performance with inverter compressor at maximum speeds.
5 Unit performance with inverter compressor at nominal speed.
6 Rated in accordance with AHRI Standard 550/590
7 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
8 Sound power on the basis of measurements taken in compliance with ISO 9614.
9 Unit in standard configuration, without optional accessories.
10 Nominal value, please refer always to the printed value on the unit data plate.
- Not available
Data certified in EUROVENT

[SI System]

i-FX2-W-G04 /H + HWT kit			1122	1242
Power supply		V/ph/Hz	400/3/50	400/3/50
PERFORMANCE				
PERFORMANCE MAX				
COOLING ONLY (GROSS VALUE)				
Cooling capacity	(1)(4)	**kW**	**1134**	**1256**
Total power input	(1)(4)	kW	231,8	271,8
EER	(1)(4)	kW/kW	4,892	4,621
HEATING ONLY (GROSS VALUE)				
Total heating capacity	(2)(4)	**kW**	**1282**	**1428**
Total power input	(2)(4)	kW	270,7	309,3
COP	(2)(4)	kW/kW	4,736	4,617
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN COOLING				
Water flow	(1)(4)	l/s	54,23	60,06
Pressure drop at the heat exchanger	(1)(4)	kPa	36,6	36,5
HEAT EXCHANGER USER SIDE IN HEATING				
Water flow	(2)(4)	l/s	61,87	68,95
Pressure drop at the heat exchanger	(2)(4)	kPa	35,7	30,2
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION				
Water flow	(1)(4)	l/s	65,04	72,72
Pressure drop at the heat exchanger	(1)(4)	kPa	39,5	33,6
HEAT EXCHANGER SOURCE SIDE IN HEATING				
Water flow	(2)(4)	l/s	80,55	89,17
Pressure drop at the heat exchanger	(2)(4)	kPa	80,7	80,4
NOISE LEVEL				
Total sound Pressure	(7)(4)	dB(A)	83	83
Total sound power level in cooling	(1)(4)(8)	dB(A)	103	103
Sound power level in heating	(2)(4)(8)	dB(A)	103	103
SELEZIONE NOMINALE - DATI CERTIFICATI EUROVENT				
COOLING ONLY (EN14511 VALUE)				
Cooling capacity	(1)(3)(5)	**kW**	**1133**	**1255**
EER	(1)(3)(5)	kW/kW	4,750	4,500
HEATING ONLY (EN14511 VALUE)				
Total heating capacity	(2)(3)(5)	**kW**	**1282**	**1429**
COP	(2)(3)(5)	kW/kW	4,540	4,440
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN COOLING				
Water flow	(1)(5)	l/s	54,23	60,06
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	36,6	36,5
HEAT EXCHANGER USER SIDE IN HEATING				
Water flow	(2)(5)	l/s	61,87	68,95
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	35,7	30,2
HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION				
Water flow	(1)(5)	l/s	65,04	72,72
Pressure drop at the heat exchanger	(1)(3)(5)	kPa	39,5	33,6
HEAT EXCHANGER SOURCE SIDE IN HEATING				
Water flow	(2)(5)	l/s	80,55	89,17
Pressure drop at the heat exchanger	(2)(3)(5)	kPa	80,7	80,4
NOISE LEVEL				
Total sound Pressure	(7)(5)	dB(A)	83	83
Total sound power level in cooling	(1)(5)(8)	dB(A)	103	103
Sound power level in heating	(2)(5)(8)	dB(A)	103	103
REFRIGERANT CIRCUIT				
Compressors nr.		N°	2	2
Number of capacity steps		N°	0	0
No. Circuits		N°	2	2
Regulation			2xSTEPSLESS	2xSTEPSLESS
Min. capacity step		%	-	-
Refrigerant			R1234ze	R1234ze
Theoretical refrigerant charge	(10)	kg	285	299
Oil charge		kg	70,0	70,0
Rc (ASHRAE)	(6)(10)	kg/kW	0,26	0,24
SIZE AND WEIGHT				
A	(9)	mm	4730	4800
B	(9)	mm	1710	1810
H	(9)	mm	2200	2450
Operating weight	(9)	kg	8650	9400

Notes:
1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger water (in/out) 30,00°C/35,00°C.
2 User side exchanger hot water temperature (in/out) 40,00°C/45,00°C; Source side exchanger water temperature(in/out) 10,00°C/6,98°C (or the maximum calculated temperature coming from the maximum flow rate allowed)
3 Values in compliance with EN14511
4 Unit performance with inverter compressor at maximum speeds.
5 Unit performance with inverter compressor at nominal speed.
6 Rated in accordance with AHRI Standard 550/590
7 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
8 Sound power on the basis of measurements taken in compliance with ISO 9614.
9 Unit in standard configuration, without optional accessories.
10 Nominal value, please refer always to the printed value on the unit data plate.
- Not available
Data certified in EUROVENT

[SI System]

ENERGY EFFICIENCY

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

i-FX2-W-G04 /H			**0402**	**0452**	**0502**	**0572**	**0632**	**0702**	**0762**	**0852**	**0942**	**1042**
Prated,c	(1)	kW	397,5	449,6	503,6	565,6	625,5	701,5	761,4	849,4	937,4	1039,0
SEER	(1) (2)	-	8,02	8,07	8,11	8,17	8,20	8,26	8,25	8,51	8,58	8,56
Performance ηs	(1) (3)	%	318,0	320,0	321,0	324,0	325,0	328,0	327,0	337,0	340,0	340,0
i-FX2-W-G04 /H			**1122**	**1242**								
Prated,c	(1)	kW	1117,0	1241,0								
SEER	(1) (2)	-	8,64	8,65								
Performance ηs	(1) (3)	%	343,0	343,0								

i-FX2-W-G04 /H + HWT kit			**0402**	**0452**	**0502**	**0572**	**0632**	**0702**	**0762**	**0852**	**0942**	**1042**
Prated,c	(1)	kW	411,7	459,6	501,6	569,5	627,5	699,5	767,5	857,5	941,4	1043,0
SEER	(1) (2)	-	7,87	7,95	7,99	7,91	7,88	7,92	7,90	8,00	8,01	8,00
Performance ηs	(1) (3)	%	312,0	315,0	317,0	313,0	312,0	314,0	313,0	317,0	317,0	317,0
i-FX2-W-G04 /H + HWT kit			**1122**	**1242**								
Prated,c	(1)	kW	1133,0	1255,0								
SEER	(1) (2)	-	8,19	8,12								
Performance ηs	(1) (3)	%	325,0	322,0								

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 R1234ze [GWP_{100} 1] fluorinated greenhouse gases.
Data certified in EUROVENT