0751 - 1801 140,1-395,7 kW



Outdoor unit for the production of chilled water with semi-hermetic screw compressor optimized for R513A, axial-flow fans, micro-channel full-aluminum condensing coils, single-pass shell and tubes evaporator designed by Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A. (brazed plate evaporator for sizes 0751 and 0851) and electronic expansion valve. Base and supporting structure and panels are of galvanized epoxy powder coated steel with increased thickness. Eurovent certification.

Flexible and reliable unit; it easily adapts itself to different thermal load conditions thanks to the precise thermoregulation and the accurate sizing of all internal components. The compressors feature an enhanced lubrication system, an innovative internal geometry and a different control of capacity steps. Innovations that grant a remarkable performance improvement especially at partial loads.

Control



W3000TE

W3000TE control is available with the new KIPlink user interface. Based on WiFi technology, it allows one to operate on the unit directly from the smartphone or tablet. Using KIPlink, it is possible to turn the unit on and off, adjust the set-point, plot the main operating variables, monitor the status of the various components and display / reset the alarms. As alternatives, the Touch interface, with a 7" WVGA colour display and USB port, or the Large keyboard, with a wide LCD display and led icons, are available. Temperature control characterized by the continuous capacity modulation, based on PID algorithms with dynamic neutral zone related to the leaving water temperature. Complete alarm management system is available, with the "black-box" and the alarm history display functions.

Consumption metering and performance measurement are possible and supervision can be developed via proprietary devices or the integration in third party systems by means of the most common protocols ModBus, Bacnet, Bacnet-over-IP, LonWorks. Compatibility with remote keyboard (up to 8 units). The programmable timer manages a weekly schedule organized into time bands (up to 10 daily time bands associated with different operating set points) to optimise unit performance by minimising power consumption during periods of inactivity. As an option (VPF package), the capacity modulation is integrated with the modulation of the water flow, by means of inverter and dedicated resources for the hydraulic circuit.

Refrigerant



Versions

K Standard efficiency

SL-K Super low noise, standard efficiency

Configurations

- Basic function
- D Partial condensing heat recovery function
- R Total condensing heat recovery

Features

LOW GWP REFRIGERANT

New generation refrigerant R513A, with reduced greenhouse effect in comparison with traditional HFC refrigerants (Global Warming Potential GWP of R513A = 572, GWP of R134a = 1300 as per IPCC rev. 5th) and zero impact on the ozone layer. Not flammable (ASHRAE 34, ISO 817: class A1).

HIGH EFFICIENCY

Very high efficiency at full and partial load, at the highest market levels, thanks to the adopted technological solutions. These units ensure low operating costs and therefore a guick payback time.

COMPACTNESS

Compactness in terms of overall size and weight, helping installation and working on site

EXTREMELY SILENT OPERATION

As the result of a systematic design oriented to minimize the noise level, the silenced version units give the best combination of quietness and efficiency on the market.

LEXIBILITY

Flexibility in the applications thanks to the many configurations and versions available.

WIDE OPERATING RANGE

The accurate condensation control (variable fan speed regulation as per standard on every model) and devoted kits allow unit's operation from -10°C (-20°C with accessories) to 46°C (50°C with accessories) of outdoor air temperature and from -8°C to 18°C (20°C with accessories) of evaporator leaving water temperature.

ALUMINIUM MICRO-CHANNEL HEAT EXCHANGERS

The full aluminium micro-channel condenser coils deliver high efficiency whilst ensuring a reduced refrigerant volume and a lower unit weight. The e-coating protection (optional) grants the highest level of resistance to corrosion in any condition, even in the most aggressive environments.

INTEGRATED HYDRONIC GROUP

The built-in hydronic group (optional) includes the main water circuit components. It is available with 1 or 2 pumps, fixed or variable speed, high or low head to satisfy all the different industrial and comfort application requirements.

Accessories

- Noise reducer (only on not silenced versions)
- EC fans with electronic DC brushless motor
- Microchannel coils with e-coating protection
- Traditional coils with copper tubes and alluminium fins, also available with prepainted fins or Fin Guard Silver protective treatment.
- Compressor enclosure (standard on silenced versions)
- Leak detector

- Kit HT to increase the unit operating range
- Compressor power factor correction
 - Soft start
 - Hydronic group
- VPF (Variable Primary Flow) system
- Set-up for remote connectivity with ModBus, Echelon, Bacnet, Bacnet over-IP.
- Remote control keyboard (distance to 200m and to 500m)









FX-G05 /K			0751	0851	0951	0961	1101
ower supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
ERFORMANCE							
COOLING ONLY (GROSS VALUE)							
Cooling capacity	(1)	kW	145,5	160,1	202,8	221,9	238,0
otal power input	(1)	kW/kW	52,12	61,09	66,27	76,37	88,76
ER SEER	(1)	kW/kW	2,793 3.930	2,620 3,920	3,059 3,970	2,904 4.010	2,680 4,000
	(1)	KVV/KVV	3,930	3,920	3,970	4,010	4,000
COOLING ONLY (EN14511 VALUE) Cooling capacity	(1)(2)	kW	145,1	159,7	202,1	221,1	237,1
EER	(1)(2)	kW/kW	2,760	2,600	3,020	2,860	2,640
SEER	(1)(2)	kW/kW	3,830	3,840	3,850	3,880	3,870
Cooling energy class	(-/(-/		C	D	В	C	D D
NERGY EFFICIENCY							
EASONAL EFFICIENCY IN COOLING (Rea. EU 20	16/2281)					
mbient refrigeration	g	,,					
rated,c	(7)	kW	145	160	202	221	237
SEER	(7)(8)		3,80	3,80	3,87	3,93	3,83
Performance ηs	(7)(9)	%	149	149	152	154	150
XCHANGERS							
EAT EXCHANGER USER SIDE IN REF	RIGERATIO	ON					
Vater flow	(1)	I/s	6,957	7,654	9,696	10,61	11,38
ressure drop	(1)	kPa	20,6	20,1	30,2	36,2	41,6
REFRIGERANT CIRCUIT							
Compressors nr.		N°	1	1	1	1	1
lo. Circuits		N°	1	1	1	1	1
Refrigerant charge		kg	23,0	25,0	32,0	36,0	38,0
IOISE LEVEL							
Sound Pressure	(3)	dB(A)	62	62	62	62	64
Sound power level in cooling	(4)(5)	dB(A)	94	94	94	94	96
SIZE AND WEIGHT							
1	(6)	mm	1500	1500	2750	2750	2750
3	(6)	mm	2260	2260	2260	2260	2260
1	(6)	mm	2500	2500	2500	2500	2500
Operating weight	(6)	kg	1480	1510	2100	2130	2460
FX-G05 /K			1301	1401	1421	1431	1801
		27/ 1 /11					
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	274,7	299,1	329,0	347,7	395,7
Total power input	(1)	kW	91,61	106,9	123,7	116,2	140,9
ER	(1)	kW/kW	2,999	2,798	2,660	2,992	2,808 3,960
CEED			4.000	2.070	2.000		.3 900
	(1)	kW/kW	4,020	3,970	3,990	3,940	0,000
COOLING ONLY (EN14511 VALUE)	(1)		,		,	·	,
COOLING ONLY (EN14511 VALUE) Cooling capacity	(1)	kW	273,7	297,8	327,7	346,8	394,4
COOLING ONLY (EN14511 VALUE) Cooling capacity EER	(1) (1)(2) (1)(2)	kW kW/kW	273,7 2,960	297,8 2,750	327,7 2,620	346,8 2,960	394,4 2,770
COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER	(1)	kW	273,7 2,960 3,890	297,8 2,750 3,820	327,7 2,620 3,850	346,8 2,960 3,860	394,4 2,770 3,850
COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling energy class	(1) (1)(2) (1)(2)	kW kW/kW	273,7 2,960	297,8 2,750	327,7 2,620	346,8 2,960	394,4 2,770
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY	(1) (1)(2) (1)(2) (1)(2)	kW kW/kW kW/kW	273,7 2,960 3,890	297,8 2,750 3,820	327,7 2,620 3,850	346,8 2,960 3,860	394,4 2,770 3,850
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SSEER Cooling energy class ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING ((1) (1)(2) (1)(2) (1)(2)	kW kW/kW kW/kW	273,7 2,960 3,890	297,8 2,750 3,820	327,7 2,620 3,850	346,8 2,960 3,860	394,4 2,770 3,850
COOLING ONLY (EN14511 VALUE) Cooling capacity EER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Ambient refrigeration	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20	kW kW/kW kW/kW	273,7 2,960 3,890 B	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity EER COOLING energy class ENERGY EFFICIENCY EEASONAL EFFICIENCY IN COOLING (Internal terrigeration Crated,c	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20	kW kW/kW kW/kW	273,7 2,960 3,890 B	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Ambient refrigeration Frated, C EEER	(1) (1)(2) (1)(2) (1)(2) (1)(2) Reg. EU 20 (7) (7)(8)	kW kW/kW kW/kW	273,7 2,960 3,890 B	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Ambient refrigeration Perated, c SEER Performance ηs	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20	kW kW/kW kW/kW	273,7 2,960 3,890 B	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SSEER Cooling energy class ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Ambient refrigeration Prated,c SEER Performance ns EXCHANGERS	(1) (1)(2) (1)(2) (1)(2) (1)(2) Reg. EU 20 (7) (7)(8) (7)(9)	kW kW/kW kW/kW	273,7 2,960 3,890 B	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Ambient refrigeration rated,c SEER Performance ns EXCHANGERS HEAT EXCHANGER USER SIDE IN REF	(1) (1)(2) (1)(2) (1)(2) (1)(2) Reg. EU 20 (7) (7)(8) (7)(9) RIGERATIO	kW kW/kW kW/kW	273,7 2,960 3,890 B	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B 347 3,95 155	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity EER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Ambient refrigeration Prated, c EER Performance ns EXCHANGERS BEAT EXCHANGER USER SIDE IN REF	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20 (7) (7)(8) (7)(9) (RIGERATIO (1)	kW kW/kW kW/kW	273,7 2,960 3,890 B 274 3,90 153	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B 347 3,95 155	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity ER CSEER CSEER COOLING PERIODENCY EASONAL EFFICIENCY EASONAL EFFICIENCY IN COOLING (Ambient refrigeration Parated, c EER Performance ns EXCHANGERS EAT EXCHANGER USER SIDE IN REF Vater flow Pressure drop	(1) (1)(2) (1)(2) (1)(2) (1)(2) Reg. EU 20 (7) (7)(8) (7)(9) RIGERATIO	kW kW/kW kW/kW	273,7 2,960 3,890 B	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B 347 3,95 155	394,4 2,770 3,850 C
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY EEASONAL EFFICIENCY IN COOLING (Imbient refrigeration Crated,c EER Erformance ηs EXCHANGERS EEAT EXCHANGER USER SIDE IN REF Vater flow Tressure drop EEFRIGERANT CIRCUIT	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20 (7) (7)(8) (7)(9) (RIGERATIO (1)	kW kW/kW kW/kW 16/2281) kW %	273,7 2,960 3,890 B 274 3,90 153	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B 347 3,95 155	394,4 2,770 3,850 C 394 3,86 152
COOLING ONLY (EN14511 VALUE) Cooling capacity ER SSEER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Ambient refrigeration Trated, c IFEER ENERGY EFFICIENCY IN COOLING (Ambient refrigeration Trated, c IFEER ENTERGER EFFICIENCY IN COOLING (IFEER EFFI	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20 (7) (7)(8) (7)(9) (RIGERATIO (1)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa	273,7 2,960 3,890 B 274 3,90 153	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B 347 3,95 155	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2
COOLING ONLY (EN14511 VALUE) cooling capacity ER SSEER cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (ambient refrigeration rated, c EER erformance ns XCHANGERS IEAT EXCHANGER USER SIDE IN REF Vater flow ressure drop EFFRIGERANT CIRCUIT compressors nr. Io. Circuits	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20 (7) (7)(8) (7)(9) (RIGERATIO (1)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N°	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B 347 3,95 155	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2
COOLING ONLY (EN14511 VALUE) Cooling capacity ER Cooling capacity ER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Imbient refrigeration Trated, c EEER EVEROPMENT OF THE COOLING IN TRANSPORT OF THE COO	(1) (1)(2) (1)(2) (1)(2) (Reg. EU 20 (7) (7)(8) (7)(9) (RIGERATIO (1)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa	273,7 2,960 3,890 B 274 3,90 153	297,8 2,750 3,820 C	327,7 2,620 3,850 D	346,8 2,960 3,860 B 347 3,95 155	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2
COOLING ONLY (EN14511 VALUE) Cooling capacity EER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Ambient refrigeration Prated, c EER Performance ns EXCHANGERS HEAT EXCHANGER USER SIDE IN REF Vater flow Pressure drop EEFRIGERANT CIRCUIT Compressors nr. Lo. Circuits Lefrigerant charge LOISE LEVEL	(1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) (RIGERATIC (1) (1)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° kg	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5	297,8 2,750 3,820 C	327,7 2,620 3,850 D 328 3,83 150 15,73 44,9	346,8 2,960 3,860 B 347 3,95 155 16,63 29,5	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2 1 1 63,0
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY EEASONAL EFFICIENCY IN COOLING (Imbient refrigeration Vated, c EER Externance ns EXCHANGERS EEAT EXCHANGER USER SIDE IN REF Vater flow Pressure drop EEFRIGERANT CIRCUIT Compressors nr. Io. Circuits Exerigerant charge FOISE LEVEL FOUND TO THE COURT	(1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) (1) (1) (1) (3)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° N° kg	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5	297,8 2,750 3,820 C C 298 3,80 149 14,30 50,4	327,7 2,620 3,850 D 328 3,83 150 15,73 44,9	346,8 2,960 3,860 B 347 3,95 155 16,63 29,5	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2 1 1 63,0
COOLING ONLY (EN14511 VALUE) Cooling capacity EER Cooling energy class ENERGY EFFICIENCY EEASONAL EFFICIENCY IN COOLING (INDICATE OF THE COOLING ((1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) (RIGERATIC (1) (1)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° kg	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5	297,8 2,750 3,820 C	327,7 2,620 3,850 D 328 3,83 150 15,73 44,9	346,8 2,960 3,860 B 347 3,95 155 16,63 29,5	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2 1 1 63,0
COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Ambient refrigeration Prated, c) SEER Performance ηs EXCHANGERS HEAT EXCHANGER USER SIDE IN REF Vater flow Pressure drop REFRIGERANT CIRCUIT Compressors nr. Io. Circuits Refrigerant charge IOISE LEVEL Sound Pressure SOUND HOWEIGHT	(1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIO (1) (1) (1) (3) (4)(5)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° kg dB(A) dB(A)	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5 1 1 44,0	297,8 2,750 3,820 C	327,7 2,620 3,850 D 328 3,83 150 15,73 44,9 1 1 1 53,0	346,8 2,960 3,860 B 347 3,95 155 16,63 29,5 1 1 1 56,0	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2 1 1 63,0
COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling energy class ENERGY EFFICIENCY GEASONAL EFFICIENCY IN COOLING (Ambient refrigeration Prated, c EER Performance ns EXCHANGERS HEAT EXCHANGER USER SIDE IN REF Water flow Pressure drop REFRIGERANT CIRCUIT Compressors nr. No. Circuits Refrigerant charge HOISE LEVEL COUNTY OF THE PROPERTY O	(1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) (RIGERATIC (1) (1) (3) (4)(5) (6)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° N° kg dB(A) dB(A)	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5 1 1 44,0 64 96	297,8 2,750 3,820 C	327,7 2,620 3,850 D 328 3,83 150 15,73 44,9 1 1 1 53,0 66 98	346,8 2,960 3,860 B 347 3,95 155 16,63 29,5 1 1 1 56,0	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2 1 1 63,0 66 98
COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling energy class ENERGY EFFICIENCY BEASONAL EFFICIENCY IN COOLING (Ambient refrigeration Prated, c) SEER Performance ηs EXCHANGERS HEAT EXCHANGER USER SIDE IN REF Water flow Pressure drop REFRIGERANT CIRCUIT Compressors nr. No. Circuits Refrigerant charge NOISE LEVEL Gound Pressure Sound power level in cooling BIZE AND WEIGHT	(1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) (1) (1) (1) (3) (4)(5) (6) (6)	kW kW/kW kW/kW hW/kW hw/	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5 1 1 44,0 64 96 2750 2260	297,8 2,750 3,820 C C 298 3,80 149 14,30 50,4 1 1 48,0 65 97 2750 2260	327,7 2,620 3,850 D 328 3,83 150 15,73 44,9 1 1 53,0 66 98	346,8 2,960 3,860 B 347 3,95 155 16,63 29,5 1 1 56,0 66 98	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2 1 1 63,0 66 98
ESEER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling energy class ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Ambient refrigeration Prated, c SEER Performance ηs EXCHANGERS HEAT EXCHANGER USER SIDE IN REF Water flow Pressure drop REFRIGERANT CIRCUIT Compressors nr. No. Circuits Refrigerant charge NOISE LEVEL Sound Pressure Sound power level in cooling SIZE AND WEIGHT A B H Deperating weight	(1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) (RIGERATIC (1) (1) (3) (4)(5) (6)	kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° N° kg dB(A) dB(A)	273,7 2,960 3,890 B 274 3,90 153 13,14 42,5 1 1 44,0 64 96	297,8 2,750 3,820 C	327,7 2,620 3,850 D 328 3,83 150 15,73 44,9 1 1 1 53,0 66 98	346,8 2,960 3,860 B 347 3,95 155 16,63 29,5 1 1 1 56,0	394,4 2,770 3,850 C 394 3,86 152 18,92 38,2 1 1 63,0 66 98

- 1 Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
 2 Values in compliance with EN14511
 3 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.
 4 Sound power on the basis of measurements made in compliance with ISO 9614.
- 5 Sound power level in cooling, outdoors.
 6 Unit in standard configuration/execution, without optional accessories.
 7 Parameter calculated according to [REGULATION (EU) N. 2016/2281]
 8 Seasonal energy efficiency ratio
 9 Seasonal space cooling energy efficiency

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





0751 - 1801 140,1-395,7 kW

FX-G05 /SL-K			0751	0851	0951	0961	1101
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)	(4)	1.3.87	440.4	100 5	405.5	0447	045.0
Cooling capacity Total power input	(1)	kW kW	140,1 52,54	169,5 56,12	195,5 66,96	214,7 78,02	245,9 83,46
EER	(1)	kW/kW	2,669	3,021	2,918	2,753	2,945
SEER	(1)	kW/kW	3,940	4,130	3,940	4,050	4,060
COOLING ONLY (EN14511 VALUE)			·		,		
Cooling capacity	(1)(2)	kW	139,7	169,0	194,9	214,0	244,9
ER	(1)(2)	kW/kW	2,640	2,990	2,880	2,720	2,900
ESEER	(1)(2)	kW/kW	3,840	4,020	3,840	3,930	3,920
Cooling energy class			D	В	С	С	В
ENERGY EFFICIENCY	D FU 20	46/2204)					
SEASONAL EFFICIENCY IN COOLING (Reg. EU 20	16/2281)					
Ambient refrigeration Prated,c	(7)	kW	140	169	195	214	245
SEER	(7)(8)	KVV	3.80	4,01	3,84	3,91	3,92
Performance ηs	(7)(9)	%	149	157	151	153	154
XCHANGERS							
IEAT EXCHANGER USER SIDE IN REF	RIGERATIC	N					
Vater flow	(1)	I/s	6,698	8,107	9,351	10,27	11,76
ressure drop	(1)	kPa	19,1	22,6	28,1	33,9	44,4
EFRIGERANT CIRCUIT							
Compressors nr.		N°	11	11	11	1	1
lo. Circuits		N°	1	1 20.0	1 22.0	1 27.0	1 12.0
lefrigerant charge OISE LEVEL		kg	24,0	29,0	33,0	37,0	43,0
Sound Pressure	(3)	dB(A)	52	52	53	53	55
Sound Pressure Sound power level in cooling	(4)(5)	dB(A)	84	84	85	85	87
IZE AND WEIGHT	('/(=/	ab(/t/	01	04			0,
	(6)	mm	1500	2750	2750	2750	2750
	(6)	mm	2260	2260	2260	2260	2260
	(6)	mm	2500	2500	2500	2500	2500
perating weight	(6)	kg	1640	2050	2270	2290	2770
FX-G05/SL-K			1301	1401	1421	1431	1801
		V/nh/Hz	1301	1401	1421	1431	1801
Power supply		V/ph/Hz	1301 400/3/50	1401 400/3/50	1421 400/3/50	1431 400/3/50	1801 400/3/50
Power supply PERFORMANCE		V/ph/Hz					
Power supply PERFORMANCE COOLING ONLY (GROSS VALUE)	(1)		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
ower supply ERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity	(1)	V/ph/Hz kW kW	400/3/50		400/3/50 331,8	400/3/50 346,5	
ower supply ERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity otal power input		kW	400/3/50	400/3/50 287,8	400/3/50	400/3/50	400/3/50 395,0
Power supply PERFORMANCE COLING ONLY (GROSS VALUE) Cooling capacity Cotal power input	(1)	kW kW	400/3/50 265,0 92,83	287,8 109,0	331,8 117,3	346,5 112,3	400/3/50 395,0 135,5
ower supply ERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity cotal power input ER SEER	(1) (1)	kW kW	265,0 92,83 2,856	287,8 109,0 2,640	331,8 117,3 2,829	346,5 112,3 3,085	395,0 135,5 2,915
Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity otal power input EER SEER COOLING ONLY (EN14511 VALUE) Cooling capacity	(1) (1) (1) (1)(2)	kW kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1	287,8 109,0 2,640 3,940 286,6	331,8 117,3 2,829 4,180 330,5	346,5 112,3 3,085 4,290 345,6	395,0 135,5 2,915 4,010
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity otal power input EER SSEER COOLING ONLY (EN14511 VALUE) Cooling capacity	(1) (1) (1) (1)(2) (1)(2)	kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820	287,8 109,0 2,640 3,940 286,6 2,600	331,8 117,3 2,829 4,180 330,5 2,790	346,5 112,3 3,085 4,290 345,6 3,050	395,0 135,5 2,915 4,010 393,7 2,880
Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Cotal power input EER ESEER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER ESEER	(1) (1) (1) (1)(2)	kW kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930	287,8 109,0 2,640 3,940 286,6 2,600 3,800	331,8 117,3 2,829 4,180 330,5 2,790 4,030	346,5 112,3 3,085 4,290 345,6 3,050 4,180	395,0 135,5 2,915 4,010 393,7 2,880 3,900
Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ESEER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling energy class	(1) (1) (1) (1)(2) (1)(2)	kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820	287,8 109,0 2,640 3,940 286,6 2,600	331,8 117,3 2,829 4,180 330,5 2,790	346,5 112,3 3,085 4,290 345,6 3,050	395,0 135,5 2,915 4,010 393,7 2,880
Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Cotal power input EER ESEER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling capacity EER Cooling capacity EER Cooling energy class ENERGY EFFICIENCY	(1) (1) (1) (1) (1)(2) (1)(2) (1)(2)	kW kW/kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930	287,8 109,0 2,640 3,940 286,6 2,600 3,800	331,8 117,3 2,829 4,180 330,5 2,790 4,030	346,5 112,3 3,085 4,290 345,6 3,050 4,180	395,0 135,5 2,915 4,010 393,7 2,880 3,900
Cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Cotal power input EER ESEER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling capacity EER Cooling energy class ENERGY EFFICIENCY EEASONAL EFFICIENCY IN COOLING (I	(1) (1) (1) (1) (1)(2) (1)(2) (1)(2)	kW kW/kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930	287,8 109,0 2,640 3,940 286,6 2,600 3,800	331,8 117,3 2,829 4,180 330,5 2,790 4,030	346,5 112,3 3,085 4,290 345,6 3,050 4,180	395,0 135,5 2,915 4,010 393,7 2,880 3,900
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity otal power input ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SSEER cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (I	(1) (1) (1) (1)(2) (1)(2) (1)(2) Reg. EU 20	kW kW/kW kW/kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
ower supply ERFORMANCE COLING ONLY (GROSS VALUE) cooling capacity otal power input ER SEER COLING ONLY (EN14511 VALUE) cooling capacity ER SEER cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Implient refrigeration rated, c	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) (7)	kW kW/kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
ower supply ERFORMANCE COLING ONLY (GROSS VALUE) cooling capacity otal power input ER SEER COLING ONLY (EN14511 VALUE) cooling capacity ER SEER cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Insulational Control of Control of Cooling Coolin	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7)(8)	kW kW/kW kW/kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
Cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Cotal power input ER SEER COOLING ONLY (EN14511 VALUE) Cooling capacity ER SEER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Insurance of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Insurance of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Insurance of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Insurance of the cooling capacity)	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) (7)	kW kW/kW kW/kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity cotal power input ER ESEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SSEER cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Input) Crated, c ESEER EVERORY EFFICIENCY IN COOLING (Input) Crated, c ESEER EVERORY EFFICIENCY IN COOLING (Input) Crated, c ESEER EVERORY EFFICIENCY CRACK COOLING (INPUT) CRAC	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7) (7)(8) (7)(9)	kW kW kW/kW kW/kW kW/kW kW/kW 16/2281) kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
ower supply ERFORMANCE OOLING ONLY (GROSS VALUE) ooling capacity otal power input ER SEER OOLING ONLY (EN14511 VALUE) ooling capacity ER SEER ooling capacity ER SEER ooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (imbient refrigeration rated, c EER erformance ηs XCHANGERS EAT EXCHANGER USER SIDE IN REF	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7) (7)(8) (7)(9)	kW kW kW/kW kW/kW kW/kW kW/kW 16/2281) kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
ower supply ERFORMANCE OOLING ONLY (GROSS VALUE) ooling capacity otal power input ER SEER OOLING ONLY (EN14511 VALUE) ooling capacity ER SEER OOLING ONLY (EN14511 VALUE) ooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Imbient refrigeration rated, c EER erformance ηs XCHANGERS EAT EXCHANGER USER SIDE IN REFI/Ater flow	(1) (1) (1) (1)(2) (1)(2) (1)(2) (7)(2) (7)(8) (7)(8) (7)(9)	kW kW/kW kW/kW kW/kW kW/kW kW/kW	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity otal power input ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Imbient refrigeration rated, c EER erformance ηs XCHANGERS IEAT EXCHANGER USER SIDE IN REFIVATER (Inc.) ressure drop EFFIGERANT CIRCUIT	(1) (1) (1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIO	kW kW/kW kW/kW kW/kW kW/kW 16/2281) kW %	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity cotal power input ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Imbient refrigeration reated, c EER erformance ns XCHANGERS IEAT EXCHANGER USER SIDE IN REF Later flow ressure drop IEFRIGERANT CIRCUIT compressors nr.	(1) (1) (1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIO	kW kW kW/kW kW/kW kW/kW hW/kW 16/2281) kW %	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	400/3/50 346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity otal power input ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SSEER cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Imbient refrigeration rated,c EER erformance \(\text{s} \) XCHANGERS IEAT EXCHANGER USER SIDE IN REF Vater flow ressure drop EFFIGERANT CIRCUIT compressors nr. Io. Circuits	(1) (1) (1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIO	kW kW/kW kW/kW kW/kW kW/kW hw/kW 16/2281) kW %	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
cower supply ERFORMANCE COLING ONLY (GROSS VALUE) cooling capacity cotal power input ER SEER COLING ONLY (EN14511 VALUE) cooling capacity ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER COOLING ONLY (EN14511 VALUE) COOLING ONLY (EN145	(1) (1) (1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIO	kW kW kW/kW kW/kW kW/kW hW/kW 16/2281) kW %	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	400/3/50 346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
cower supply ERFORMANCE COLING ONLY (GROSS VALUE) cooling capacity cotal power input ER SEER COLING ONLY (EN14511 VALUE) cooling capacity ER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (INCOME TO THE COOLING CONTINUE) ER EXCHANGER EXCHANGER VALUE EVER VALUE EVER VALUE	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) Reg. EU 20 (7) (7)(8) (7)(9) RIGERATIC (1) (1)	kW kW/kW kW/kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° kg	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C 264 3,87 152 12,67 39,5	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C 394 3,94 155 18,89 38,1
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity cotal power input ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Interest of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Interest of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Interest of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Interest of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Interest of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Interest of the cooling capacity) EASONAL EFFICIENCY IN COOLING (Interest of the cooling capacity) EASONAL EFFICIENCY EASONAL EFFICIENC	(1) (1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIC (1) (1) (3)	kW kW kW/kW kW/kW kW/kW kW/kW MW/kW MW/kw/kw Mw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C 264 3,87 152 12,67 39,5	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C 394 3,94 155 18,89 38,1
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity cotal power input ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER Cooling energy class NERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Imbient refrigeration rated, c EER COOLING ONLY (EN14511 VALUE) CEER COOLING ONLY (EN14511 VALUE) COOLING ONLY (EN14511 VA	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) Reg. EU 20 (7) (7)(8) (7)(9) RIGERATIC (1) (1)	kW kW/kW kW/kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° kg	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C 264 3,87 152 12,67 39,5	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
cower supply ERFORMANCE COOLING ONLY (GROSS VALUE) cooling capacity cotal power input ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER COOLING ONLY (EN14511 VALUE) cooling capacity ER SEER COOLING ONLY (EN14511 VALUE) cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (Introduced Composity EASONAL EFFICIENCY IN COOLING (Introduced Composity EASONAL EFFICIENCY IN COOLING (Introduced Cooling Coolin	(1) (1) (1) (1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIC (1) (1) (1) (3) (4)(5)	kW kW/kW kW/kW kW/kW kW/kW 16/2281) kW % ON I/s kPa N° kg dB(A) dB(A)	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	400/3/50 346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165 16,57 29,3 1 1 60,0	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
Power supply PERFORMANCE COLING ONLY (GROSS VALUE) Cooling capacity Cotal power input EER ESEER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (INTERPRETAIN COOLING	(1) (1) (1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIC (1) (1) (1) (3) (4)(5)	kW kW/kW kW/kW kW/kW kW/kW kW/kW ww/kW ww/kw/kw ww/kw/kw ww/kw/kw ww/kw/kw ww/kw/kw/kw ww/kw/kw ww/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/k	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C 264 3,87 152 12,67 39,5 1 1 46,0 55 87	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165 16,57 29,3 1 1 60,0	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C 394 3,94 155 18,89 38,1 1 1 68,0 57 89
Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Cooling capacity Cooling capacity Cooling capacity EER COOLING ONLY (EN14511 VALUE) Cooling capacity EER Cooling energy class ENERGY EFFICIENCY EASONAL EFFICIENCY IN COOLING (INCOME TRANSPORT OF T	(1) (1) (1) (1)(2) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIC (1) (1) (1) (3) (4)(5) (6) (6)	kW kW/kW kW/kW kW/kW kW/kW kW/kW 16/2281) kW % DN I/s kPa N° kg dB(A) dB(A) mm mm	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C 264 3,87 152 12,67 39,5 1 1 46,0 55 87 2750 2260	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D 287 3,80 149 13,76 46,6 1 1 49,0 56 88	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C C 330 4,02 158 15,86 45,7 1 1 58,0 57 89	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165 16,57 29,3 1 1 60,0 57 89	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C
FX-G05 /SL-K Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER SEER COOLING ONLY (EN14511 VALUE) Cooling capacity EER SEER Cooling energy class ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (IAMbient refrigeration Prated,c SEER Performance ns EXCHANGERS HEAT EXCHANGER USER SIDE IN REF Water flow Pressure drop REFRIGERANT CIRCUIT Compressors nr. No. Circuits Refrigerant charge NOISE LEVEL Sound Pressure Sound power level in cooling SIZE AND WEIGHT A B H Deperating weight	(1) (1) (1) (1)(2) (1)(2) (1)(2) (7) (7)(8) (7)(9) RIGERATIC (1) (1) (1) (3) (4)(5)	kW kW/kW kW/kW kW/kW kW/kW kW/kW ww/kW ww/kw/kw ww/kw/kw ww/kw/kw ww/kw/kw ww/kw/kw/kw ww/kw/kw ww/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/kw/k	265,0 92,83 2,856 4,050 264,1 2,820 3,930 C 264 3,87 152 12,67 39,5 1 1 46,0 55 87	287,8 109,0 2,640 3,940 286,6 2,600 3,800 D	331,8 117,3 2,829 4,180 330,5 2,790 4,030 C	346,5 112,3 3,085 4,290 345,6 3,050 4,180 B 346 4,21 165 16,57 29,3 1 1 60,0	395,0 135,5 2,915 4,010 393,7 2,880 3,900 C

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
 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.

- 5 Sound power level in cooling, outdoors.
 6 Unit in standard configuration/execution, without optional accessories.
 7 Parameter calculated according to [REGULATION (EU) N. 2016/2281]
 8 Seasonal energy efficiency ratio
 9 Seasonal space cooling energy efficiency

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







Dimensional drawing





