



WALL - SPLIT DC INVERTER *WITH HEAT PUMP*

WITH QUICK COUPLING

HEATING AND COOLING

UNIT MODEL	ISSF09DF	ISSF12DF	ISSF18DF
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CAPACITIES (1)

Mode	min/max	Watt	ISSF09DF	ISSF12DF	ISSF18DF
Cooling	min/max	Watt	2577 (1323-3144)	3221 (1259-3930)	4539 (1596-5220)
Cooling	min/max	Btu/h	8800 (4520-10736)	11000 (4300-13420)	15500 (5450-17825)
Heating	min/max	Watt	2782 (875-3450)	3514 (1042-4358)	5125 (1315-6048)
Heating	at -7° C	Watt	2500	3200	4500

ELECTRICAL DATA

Parameter	Unit	ISSF09DF	ISSF12DF	ISSF18DF
Input voltage	V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz
Nominal current in cooling	min/max A	0,59 - 5,26	0,59 - 5,26	0,59 - 5,26
Nominal current in heating	min/max A	0,64 - 5,36	0,64 - 5,36	0,64 - 5,36
Nominal input in cooling	min/max W	136 - 1210	136 - 1210	136 - 1210
Nominal input in heating	min/max W	148 - 1230	148 - 1230	148 - 1230
Recommended Fuse Size	A	12	12	16
Main power supply	-	Power cord m. plug	Power cord m. plug	Power cord without plug
Connecting cable to the outdoor unit	-	including	including	including

PERFORMANCES

Parameter	Unit	ISSF09DF	ISSF12DF	ISSF18DF
Energy efficiency class cooling/heating	-	A+/A+	A+/A+	A+/A+
SEER / SCOP	WW	5,6 / 3,8	5,6 / 3,8	5,9 / 3,8
Energy consumption (at 500h cooling)	kWh	230	288	385
Indoor unit air flow fan	m ³ /h	550/480/380	550/480/380	650/470/420
Outdoor unit air flow	m ³ /h	1800	1800	2200
Dehumidification	l/h	1	1,1	1,5
Indoor unit noise level(4)	dB(A)	41/38/32	41/38/32	42/32/30
Outdoor unit noise level(4)	dB(A)	54	57	60
Compressor	-	ROTARY	ROTARY	ROTARY

DIMENSIONS

Unit	mm	ISSF09DF	ISSF12DF	ISSF18DF
Indoor unit (Wx Hx D)	mm	800 x 275 x 188	800 x 275 x 188	940 x 275 x 205
Outdoor unit (Wx Hx D)	mm	780 x 540 x 250	780 x 540 x 250	760 x 590 x 285

WEIGHT

Unit	Kg	ISSF09DF	ISSF12DF	ISSF18DF
Indoor / outdoor unit	Kg	12,5 / 28	12,5 / 28	15 / 35,5

REFRIGERANT PIPING

Parameter	Unit	ISSF09DF	ISSF12DF	ISSF18DF
Initial gas load in outdoor unit	g	950	950	1250
Liquid / gas pipe diameter	inch	Refrigerante lines Isolated / Patch cord / condensate line / length 4 meters		
Max piping length	m	4	4	4
Max piping height	m	2	2	2
Additional gas load	g/m	-	-	-

CONDENSATE

Parameter	mm	ISSF09DF	ISSF12DF	ISSF18DF
Condensate pipe diameter	mm	16	16	16

WORKING LIMITS

Mode	ISSF09DF	ISSF12DF	ISSF18DF
Cooling/Heating max (indoor) (° C)	17 bis 32 / 0 bis 30	17 bis 32 / 0 bis 30	17 bis 32 / 0 bis 30
Cooling/Heating max (outdoor) (° C)	-15 bis +50 / -15 bis +30	-15 bis +50 / -15 bis +30	-15 bis +50 / -15 bis +30

Equipped with

Remote control type	Infrared	Automatic ventilation	•
Automatic regulation mode	Auto Mode	Fan speeds	3 / 3 / 3
Turbo Mode	•	Vertical Sweep	Auto
Dehumidification mode	•	Horizontal Sweep	Manual
Sleep mode	•	Automatic diagnosis	•
Auto Restart	•	Restart delay	•
Timer	24 Std. ON/OFF	Nano Filter	Option
Warm restart	•	Bio Filter	Option
Auto defrost	•		

(1) Models for ERP Directive (Heating capacity at -7 ° C)
(2) Sizes 9 and 12: Power cable equipped with connector / Size 18: Power cord without plug provided.

(3) Electrical cables equipped with quick coupling and fitted inside the refrigerant pipe length.
(4) at 1 meter distance indoor unit in high / medium and low fan speed.