



PROFESSIONAL series INVERTER R410A

WALL MOUNTED SPLIT AIR CONDITIONERS

SPECIFICATIONS		indoor outdoor	FSAIF-Pro-93AE2 FSOAIF-Pro-93AE2	FSAIF-Pro-123AE2 FSOAIF-Pro-123AE2	FSAIF-Pro-183AE2 FSOAIF-Pro-183AE2	FSAIF-Pro-243AE2 FSOAIF-Pro-243AE2	
Refrigerant			R 410A	R 410A	R 410A	R 410A	
Rated Capacity Cooling *		W	2600(1280~3300)	3500(1260~4460)	5130(1700~5950)	6440(2120~7220)	
Rated Capacity Heating *		W	2930(970~3720)	3660(1020~4690)	5270(1120~6380)	7320(1350~8790)	
SEER / Energy Efficiency Class Cooling		-	6,1 / A++	5,6 / A+	6,4 / A++	6,1 / A++	
SCOP / Energy Efficiency Class Heating		-	4,0 / A+	4,0 / A+	4,0 / A+	4,0 / A+	
Power Input * Cooling/Heating		W	800 / 820	1180 / 1020	1600 / 1460	2160 / 2280	
Running Current * Cooling/Heating		A	3,5 / 3,6	5,1 / 4,4	7,0 / 6,3	9,4 / 9,9	
Max. Current		A	9,0	11,5	12,5	13,5	
Recommended Fuse Capacity		A	C 16A	C 16A	C 16A	C 20A	
Power Source		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	
Design Load Cooling/Heating		kW	2,6 / 2,4	3,5 / 2,5	5,1 / 4,5	6,4 / 5,2	
Annual Energy Consumption ** Cooling/Heating		kWh/a	149 / 840	219 / 875	279 / 1575	367 / 1820	
Declared Capacity (reference design temp: -10°C)		kW	2,3	2,3	3,8	4,6	
Needed Electric Back-up Heater(at -10°C)		kW	0,1	0,2	0,7	0,6	
Bivalent Temperature		°C	-7°C	-7°C	-7°C	-7°C	
Indoor Air Flow High/Med/Low		(m ³ /h)	650/560/450	650/560/450	850/620/540	1150/1070/880	
Indoor Sound Pressure Level High/Med/Low		dB(A)	40/33/26	40/34/27	43/35/27	49/43/36	
Sound Power Level (High) Indoor/Outdoor		dB(A)	54/60	56/63	57/65	62/67	
Net Weight Indoor/Outdoor		kg	7,3/27,4	7,3/27,4	9/36,5	12/46,8	
Dimension		Indoor (WxHxD)	mm	800x275x188	800x275x188	940x275x205	1045x315x235
		Outdoor (WxHxD)	mm	780x540x250	780x540x250	810x558x310	845x700x320
Mounting Dimensions (Outdoor unit)		mm	549x276	549x276	549x325	560x335	
Refrigerant piping		Max. refrigerant pipe length	m	25	25	30	30
		Max. difference in level	m	10	10	20	20
Pipe Size Liquid side/ Gas side		mm	6,35/9,53	6,35/9,53	6,35/12,7	9,52/15,9	
Refrigerant Type and Charge Quantity		g	R 410A 950g	R 410A 950g	R 410A 1650g	R 410A 1950g	
Additional Refrigerant Charge			over 5 m : 20 g/m	over 5 m : 20 g/m	over 5 m : 20 g/m	over 5 m : 40 g/m	
Connection Cable between Indoor and Outdoor***		x mm ²	5x2,5	5x2,5	5x2,5	5x2,5	
Power Source Cable ***		x mm ²	outdoor 3x2,5	outdoor 3x2,5	outdoor 3x2,5	outdoor 3x2,5	
Operation Outdoor (Cooling/Heating) temperature		°C	-15 ~ 50 / -15 ~ 30	-15 ~ 50 / -15 ~ 30	-15 ~ 50 / -15 ~ 30	-15 ~ 50 / -15 ~ 30	
Indoor (Cooling/ Heating) temperature		°C	17°C - 32°C / 0°C - 30°C				
Compressor			rotary (DC inverter)				

The heating data regard the average season.

* Cooling / Heating data are based on the following conditions:

Cooling Indoor temp.: 27°C DB / 19°C WB Outdoor temp.: 35°C DB / 24°C WB

Heating Indoor temp : 20°C DB / 15°C WB Outdoor temp.: 7°C DB / 6°C WB

** Based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*** The wire diameters are suggested min. values. It must be controlled and calculated accordance with local rules and regulations.

FEATURES	FSAIF-Pro-93AE2	FSAIF-Pro-123AE2	FSAIF-Pro-183AE2	FSAIF-Pro-243AE2
WIFI *	optional	optional	optional	optional
Wired remote controller connection possibility *	optional	optional	optional	optional
Ioniser	•	•	•	•
"Silver ion" filter	•	•	•	•
"Cold-catalyst" filter	•	•	•	•
"GOLDEN FIN" coating on the heat exchangers	•	•	•	•
Self cleaning function	•	•	•	•
"Follow me" function	•	•	•	•
Current settings can be memorized	•	•	•	•
Timer	24 h (Time interval)			
Sleep timer	•	•	•	•
DRY mode	•	•	•	•
Anti cold air function	•	•	•	•
TURBO mode	•	•	•	•
Swing (up/down)	•	•	•	•
Auto changeover (cooling/heating)	•	•	•	•
Auto restart	•	•	•	•
5 grades outdoor fan speed	•	•	•	•
Refrigerant leakage detect	•	•	•	•
1 W Stand-by	•	•	•	•
Digital display	•	•	•	•
Infra remote controller	•	•	•	•
Inverter	"3D DC" inverter	"3D DC" inverter	"3D DC" inverter	"3D DC" inverter

* only one option can be used

Specifications and design are subject to change without notice for future improvement.