

UES (motor condensing)			Ues12	Ues18	Ues24
FAST			MIW12000Fa	MIW18000FA	MIW24000FA
Midea code			MSAGXBU-12HRDN8	MSAGXCU-18HRFN8	MSAGXDU-24HRFN8
EASY			MIW12000ES	MIW18000ES	MIW24000ES
Midea code			MSAGBU-12HRFN8/WR	MSAGCU-18HRFN8/WR	MSAGDU-24HRFN8/WR
Power supply		F-V-Hz Monofase	Monofase 220-240V 50Hz		
Cooling	Capacity	(Min-Nom-Max)	2,17-3,52-4,31	3,39-5,28-5,90	2,11-7,03-8,21
	Electric power input	W (Min-Nom-Max)	120-1089-1650	560-1550-2050	420-2578-3200
	Current	A (Nom)	4,7	6,8	11,1
	Theoretical Load (PDesignC)	kW	3,5	5,2	7
	SEER		7	7	6,4
	Energy efficiency class		A++	A++	A++
Heating	Annual energy consumption	kWh/a	182	265	383
	Capacity	(Min-Nom-Max)	1.08-3.81-4.22	3,10-5.57-5.89	2.92-7.33-8.53
	Electric power input	W (Min-Nom-Max)	110-1027-1480	780-1682-2000	300-2168-3100
	Current	A (Nom)	4,5	7,3	9,4
	Theoretical Load (PDesignC)	kW	2.5-2.5	4.2-4,5	4.9-5.3
	SCOP	(Media-Hot Season)	4.2-5,5	4.0-5,1	4.0-5,1
Energy efficiency class	(Media-Hot Season)	A+A+++	A+A+++	A+A+++	
Annual energy consumption	Annual kWh/a (Medium-Hot Season)	835-208-295	1470-1235	1745-1455	
Limit temperatures	(Tol) C°	-8	-8	-8	
Energy efficiency	E.E.R./C.O.P W/W	3,6/3,8	3,4/3,76	3,33/3,76	
FAST internal unit	Dimensions (L-D-H)	mm	835-208-295	969-320-241	1083-336-244
	Net weight	kg	8	10	13
	Packaging dimensions	mm	905-290-355	1045-405-315	1155-415-315
	Gross weight	kg	10	13	16
	Air flow rate (Min-Med-Max)	m3/min	350-400-530	500-600-800	610-770-1090
	Sound pressure (Silent-Min-Med-Max)	dB (A)	21-22-32-37	20-31-36-43	21-34-37-46
	Sound power (Max)	dB (A)	56	56	62
Easy internal unit	Dimensions (L-D-H)	mm	798-295-225	965-239-319	1140-275-370
	Net weight	kg	10,2	12,3	20
	Packaging dimensions	mm	870-370-305	1045-400-325	1230-355-455
	Gross weight	kg	13	16,4	25,3
	Air flow rate (Min-Med-Max)	m3/min	290-380-560	400-580-686	379-724-1092
	Sound pressure (Silent-Min-Med-Max)	dB (A)	21-22-32-37	20-31-36-43	21-34-37-46
Sound power (Max)	dB (A)	59	59	65	
UES (motor condensing)	Dimensions (L-A-D)	mm	950-510-440	950-550-500	1140-710-555
	Gross Weight	Kg	33	42	55
	External Air Flow	m3/H	1800	2000	2500
	Sound pressure	dB (A)	55	57	60
	Sound power (Max)	dB (A)	63	63	68
Air inlet pipe	mm	200	225	250	
Exhaust air pipe (oval)	mm	200	225	250	
Maximum distance allowed per pipe	mt	3	3	3	
Compressor		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	
Dimensions and refrigeration limitations	Liquid side pipe	MM/inch	6,35 - 1/4	6,35 - 1/4	9,52 - 3/8
	Gas side pipe	MM/inch	9,52 - 3/8	12,7 - 1/2	15,88 - 5/8
	Pipe length (precharge)	mt	5	5	5
	Maximum pipe length	(max)	25	30	50
	Addition of Refrigerant Gas beyond precharge	gr/mt	12	12	24
	Maximum permitted height difference	(max)	10	20	25
Refrigerant	Refrigerant type		R32	R32	R32
	GWP		675	675	675
	Precharged Gas quantity	kg	0,5	1	1,6
	Test pressure (High/Low Side)	mpa	4.3/1.7	4.3/1.7	4.3/1.7
Electrical connections	Main power supply		Ues	Ues	Ues
	Connection U.i - UES		4P + terra	4P + terra	4P + terra
	Maximum absorbed electrical power	W	2150	2500	3700
	Maximum current	AT	10	13	19
Operating limits	Internal temperatures	Raff. (Min-Max) °C B.U	17 - 32	17 - 32	17 - 32
		risc. (Min-Max) °C B.S	10 - +30°	10 - +30°	10 - +30°
	External temperatures	Raff. (Min-Max) °C B.U	"-15 - +45"	"-15 - +45"	"-15 - +45"
	risc. (Min-Max) °C B.S	"-8° - +24°"	"-8° - +24°"	"-8° - +24°"	