

Condensing unit			FH209SF	FH2012SF	FH2018SF	
FAST wall model			MIW9000 FA	MIW12000 FA	MIW18000 FA	
MD box code			MSAGXAU-09HRDN8	MSAGXAU-12HRDN8	MSAGXAU-18HRDN8	
EASY wall model			MIW9000 ES	MIW12000 ES	MIW18000 ES	
MD box code			MSAGBU-09HRDN8	MSAGBU-12HRDN8	MSAGBU-18HRDN8	
Electrical supply U.I.	Phase-FV-Hz		1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	
H2O power supply	Phase-FV-Hz		1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	
Cooling	Available capacity	Min. Nom. Max	0.91 - 3,10 - 3.22	1.11 - 4.52 - 4,80	1.91 - 5.28 - 6.14	
	Absorbed electrical power	W (Min - Nom - Max)	100 - 516 - 1240	130 - 760 - 1582	650 - 956 - 2068	
	Current	A (Nom)	2,35	3,45	4,3	
	Design load (PdesignC)	KW	3,1	4,5	5,3	
	SEER		6	6	6	
	Energy efficiency class		A+++	A+++	A+++	
	Annual energy consumption	KWh/A	156	211	276	
heating	Available capacity	KW (Min - Nom - Max)				
	Absorbed electrical power	W (Min - Nom - Max)				
	Current	A (Nom)				
	Design load (PdesignH)	KW				
	SCOP	Low/Mid/High Season				
	Energy efficiency class					
	Annual energy consumption	KWh/A (Mid. - Hot Season)				
Energy efficiency	E.E.R. / C.O.P.	W/W	6	6	5,8	
EASY internal unit	Dimensions (W-D-H)	mm	835 - 205 - 295	835 - 205 - 295	969 - 241 - 320	
	Net weight	Kg	8	8	10	
	Packaging dimensions (W-D-H)	mm	870 - 285 - 360	870 - 285 - 360	1035 - 305 - 380	
	Gross weight	Kg	10	10	13	
	Airflow rate (Min - Mid - Max)	m ³ /min	5.6 - 7.7 - 8.7	6.0 - 8.3 - 10.0	9.2 - 10.8 - 14.3	
	Sound pressure level (Silent - Min - Med - Max)	dB(A)	21 - 26 - 30 - 36	21 - 26 - 30 - 36	22 - 30 - 36 - 43	
	Sound power level (Max)	dB(A)	53	53	55	
FAST internal unit	Dimensions (W-D-H)	mm	790-291-210	835 - 205 - 295	958 - 223 - 302	
	Net weight	Kg	8	8	10	
	Packaging dimensions (W-D-H)	mm	870 - 285 - 360	870 - 285 - 360	969 - 241 - 320	
	Gross weight	Kg	10	10	13	
	Airflow rate (Min - Mid - Max)	m ³ /min	5.6 - 7.7 - 8.7	6.0 - 8.3 - 10.0	9.2 - 10.8 - 14.3	
	Sound pressure level (Silent - Min - Med - Max)	dB(A)	21 - 26 - 30 - 36	21 - 26 - 30 - 36	22 - 30 - 36 - 43	
	Sound power level (Max)	dB(A)	53	53	55	
H2O(h2o condensing unit)	Dimensions (W x D x H)	mm	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	
	Net weight	Kg	30	31	37	
	Sound pressure level (Max)	dB(A)	45	45	45	
	Sound power level (Max)	dB(A)	50	50	50	
	Water inlet connection	mm	3/4 Female	3/4 Female	3/4 Female	
	Water outlet connection	mm	1/2 Female	1/2 Female	1/2 Female	
	Water consumption (Min - Max)	portata H2O fisso LT/min	2,5	2,7	3,5	
	Water consumption (Min - Max)	Portata fissa freddo/caldo Lt /min	nd	nd		
	Water consumption (Min - Max)	Con WATER SAVER SYSTEM	nd	nd		
	Water consumption (Min - Max)	KUBORING	0-1	0-1,5		
	Heat exchanger type	Tipo	pipe in pipe	pipe in pipe	0- 2 pipe in pipe	
	Compressor type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER 6.35 - 1/4	
	Dimensions and limitations of the refrigeration circuit	Liquid line piping	mm - inch	6.35 - 1/4	6.35 - 1/4	12.7 - 1/2
		Gas line piping	mm - inch	9.52 - 3/8	9.52 - 3/8	5
Maximum precharged piping length (Precharge)		mt	5	5	30	
Maximum piping length		max	25	25	12	
Additional refrigerant charge		gr/mt	12	12	20	
Maximum height difference		max	10	10	R32	
Refrigerant	Refrigerant type		R32	R32	675	
	GWP		675	675	1	
	Precharged refrigerant quantity	Kg	0.5	0.5	4,3 /1,7	
	Test pressure (High / Low side)	Mpa	4.3 /1.7	4.3 /1.7		
Electrical connections	Main electrical power supply		Outdoor Unit	Outdoor Unit	Outdoor Unit	
	Indoor / outdoor unit connections	N° Conduttori	2P + Ground	2P + Ground	2P + Ground	
	Maximum absorbed electrical power	W	2150		2150 2950	
	Maximum current	A	9.8		9.8 13.5	
Operating limits	Maximum inlet water temperature	Raffr (Min - Max) °C	8°-27°	8°-27°	8°-27° 8°-27°	
		Risc (Min - Max) °C		10° - 30°	10° - 30° 10° - 30°	