

Multisplit condensing retractable motor			MCAS 214	MCAS218	MCAS318	MCAS224
Power supply	F-V-Hz Single-Phase	SINGLE-PHASE 220-240V 50HZ				
Cooling	Capacity	(Min-Nom-Max)	1.44—4.16—4.80	2.05-5.28-5,71	2.05-5.28-6.80	2.05-6,15-7.04
	Power consumption	W (Min-Nom-Max)	120-1270-1680	650-1630-2000	650-1630-2000	650-1900-2200
	Current	A (Nom)	5,8	7,1	7,1	9,3
	Theoretical load (PDesignC)	kW	4,1	5,2	5,2	6,1
	SEER		6,8	6,1	6,1	6,5
	Energy efficiency class		A++	A++	A++	A++
	Annual energy consumption	kWh/a	211	304	304	328
Heating	Capacity	(Min-Nom-Max)	1.45-4.40-4,69	1.34-5.57-5,74	1.34-5.57-5,8	1.84-5.67-7.44
	Power consumption	W (Min-Nom-Max)	250-1185-1650	254-1538-1670	254-1538-1750	284-1538-1970
	Current	A (Nom)	5,4	6,7	6,7	7,7
	Theoretical load (PDesignC)	kW	3,7-4,1	4,5-5,0	4,5-5,0	5,2-5,5
	SCOP	(Media-Hot Season)	4-5,1	4-5,1	4-5,1	4-5,1
	Energy efficiency class	(Media-Hot Season)	A+	A+	A+	A+
	Annual energy consumption	Annual kWh/a (Medium-Hot Season)	1330-1125	1570-1377	1570-1377	1820-1520
	Temperature limit	(Tot) C°	-10	-10	-10	-10
	Energy efficiency	E.E.R./C.O.P W/W	3.23/3, 76	3.24/3.62	3.24/3.62	3.23- 3.72
	UES (motor condensing)	Dimensions (H-W-D)	mm	1000-550-550	1000-550-550	1000-550-550
Gross weight		Kg	33	42	42	55
External air flow rate		m ³ /H	2000	2200	2200	3000
Sound pressure		dB (A)	57	57	57	60
Sound power		dB (A)	64	64	64	66
Intake pipe diameter		mm	225	225	225	250
Expulsion pipe diameter		mm	225	225	225	250
Maximum length of intake/discharge pipes		mt	3	3	3	3
Compressor type			ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
Dimensions and refrigeration limitations		Liquid side pipes	MM	6.35X2	6.35X2	6.35X2
	Gas side pipes	MM	9.52X2	9.52X2	9.52X2	9.52X2
	Pulmonary pipes (precharge)	mt	7	7	7	22,5
	Minimum flow rate of each pulmonary branch	mt	3	3	3	3
	Maximum sum of pulmonary pipes	mt	40	40	40	52
	Maximum flow rate for each individual branch	mt	25	25	25	30
	Refrigerant increase	gr/mt	12	12	12	24
	Maximum height difference u.i on u.e	(max)	15	15	15	15
	Height difference Ua on u.i	(max)	10	10	10	10
	Refrigerant fluid	Refrigerant type		R32	R32	R32
GWP			675	675	675	675
Precharged quantity		kg	1,1	1,25	1,25	1,4
Test pressure (high/low side)		mpa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Electrical connections		Main power supply:		Outer Unit	Outer Unit	Outer Unit
	INDOOR UNIT external connection No. of conductors		3P + Earth	3P + Earth	3P + Earth	3P + Earth
	Maximum electrical power absorbed	W	2650	2850	2850	3300
	Maximum current	AT	11,5	12,4	12,4	14,3
Operating limits	Temperatures	Raff. (Min-Max) °C B.U	"-15 - +45"	"-15 - +45"	"-15 - +45"	"-15 - +45"
		risc. (Min-Max) °C B.S	"-10° - +24°"	"-10° - +24°"	"-10° - +24°"	"-10° - +24°"