

Multi Split Commercial Air Conditioning Outdoor Units



- ▶ Multi split air conditioning unit.
- ▶ 5.3kW, 7.9kW, 10.5 kW and 12.3kW cooling output models.
- ▶ Can connect from 2 up to 5 indoor wall mounted and cassette type units.
- ▶ DC inverter technology enables the compressor to automatically adjust its speed to meet the current demand, ensuring that power consumption remains at a minimum.
- ▶ Environment friendly. Use of eco-friendly refrigerant R32 with lower Global Warming Potential (GWP) and reduced refrigerant fill quantity.
- ▶ Broad operating temperature range (-15°C to 50°C).
- ▶ Automatic diagnosis of installation errors.
- ▶ Compact dimensions.
- ▶ Possibility of longer distances between units.
- ▶ Refrigerant leakage detection. If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.
- ▶ Suitable for family homes, apartments and commercial properties.

Technical data

				MS 18 OUE	MS 27 OUE	MS 36 OUE	MS 42 OUE	
OUTDOOR UNIT				MS 18 OUE 8 733 500 811	MS 27 OUE 8 733 500 812	MS 36 OUE 8 733 500 813	MS 42 OUE 8 733 500 814	
INDOOR UNIT COMBINATION				RAC 2.6-2 IBW 7 739 834 579 (2 UNITS)	RAC 2.6-2 IBW 7 739 834 579 (3 UNITS)	RAC 2.6-2 IBW 7 739 834 579 (4 UNITS)	RAC 2.6-2 IBW 7 739 834 579 (5 UNITS)	
Power supply			V/Hz/Ph	220-240/-50/1	220-240/-50/1	220-240/-50/1	220-240/-50/1	
Maximum power consumption			W	2850	3100	4600	4700	
Maximum operating current			A	13	15	21.5	22	
Cooling	Capacity	Nominal	kW	5.3	7.9	10.5	12.3	
	Power consumption	Nominal (min-max)	W	1630 (650-2000)	2440 (650-3370)	3300 (710-4050)	4320 (700-4580)	
	Operating current	Nominal (min-max)	A	7.1 (2.8-9.2)	10.6 (3.0-13.5)	15.0 (3.2-18.5)	18.9 (3.6-21.0)	
	EER		W/W	3.24	3.24	3.23	2.89	
	SEER		W/W	6.0	6.1	6.1	6.1	
	ErP energy class			A+	A++	A++	A++	
Heating	Capacity	Nominal	kW	5.6	8.4	10.8	12.3	
	Power consumption	Nominal (min-max)	W	1390 (600-1670)	2270 (650-3010)	2760 (700-3978)	3100 (780-4210)	
	Operating current	Nominal (min-max)	A	6.1 (2.6-7.7)	10.0 (2.8-13.5)	12.1 (3.0-16.4)	13.5 (3.4-17.6)	
	COP		W/W	4.01	3.76	4.01	3.97	
	SCOP		W/W	3.8	3.8	3.8	3.5	
	ErP energy class			A	A	A	A	
Outdoor unit	Dimensions	W x D x H	mm	800x333x554	845x363x702	946x410x810	946x410x810	
	Packaging	W x D x H	mm	920x390x615	965x395x765	1090x500x875	1090x500x875	
	Weight	Net/gross	kg	35.5/38.5	53/56.5	68.8/75.6	73.3/80.4	
	Compressor	Type			Rotary	Rotary	Rotary	Rotary
		Operating current (nominal)		A	7.50	9.4	5.38	5.38
	Fan	Speed (H/M/L)	r/min	850/800/750	850/750/600	900/750/600	900/750/600	
	Airflow rate		m³/h	2200	2700	4000	3850	
	Sound pressure level		dB(A)	56	59	63	64	
Sound power level		dB(A)	65	66	67	69		
Indoor unit	Sound power level		dB(A)	53	54	54	54	
Installation	Refrigerant	Type		R32	R32	R32	R32	
		Heating potential	GWP	675	675	675	675	
		Factory charging	kg	1.25	1.57	2.1	2.4	
	Piping connections	Liquid / Gas	mm (inch)		2 sets Ø6.35/Ø9.52 (1/4"/3/8")	3 sets Ø6.35/Ø9.52 (1/4"/3/8")	3 sets Ø6.35/Ø9.52 (1/4"/3/8") + 1 set Ø6.35/Ø12.7 (1/4"/1/2")	4 sets Ø6.35/Ø9.52 (1/4"/3/8") + 1 set Ø6.35/Ø12.7 (1/4"/1/2")
		Max. installation length	m		40	60	80	80
		Max. level difference (Max. length for one indoor unit)	m		25	30	35	35
		Max. height difference between indoor and outdoor unit	m		15	15	15	15
		Max. height difference between indoor units	m		10	10	10	10
	Electric wiring	Feed (to indoor unit)	mm²		3x2.5	3x2.5	3x4.0	3x4.0
		Communication (with Indoor unit)	mm²		5x1.5	5x1.5	5x1.5	5x1.5
		Protection	A		16	20	25	30
	No. of compatible indoor units	(Min./max.)			1/2	1/3	1/4	1/5
	Optimum operating range	Cooling	°C		-15-50	-15-50	-15-50	-15-50
		Heating	°C		-15-24	-15-24	-15-24	-15-24