

Réfrigérant R410A, Respect l'environnement
DC "Inverter" économisez jusqu'à 40% d'énergie
Télécommande

R410A Environmentally refrigerant.
DC "inverter" save up to 40% on energy consumption.
Remote control



Specifications of 13 SEER Wall Split Air Conditioners

Model		MSG-09HRN1	MSG-12HRN1	MSE-18HRN1	MSG-24HRN1
Power supply	Ph-V-Hz	1Ph,115V, 60Hz	1Ph,115V, 60Hz	1Ph,208/230V, 60Hz	1Ph,208/230V, 60Hz
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	780	1090	1550
	Rated current	A	7.6	10.0	6.8/6.6
	EER	W/W	13	13	13.0
	SEER				13
Heating	Capacity	Btu/h	10000	12500	18000
	Input	W	810	1060	1600
	Rated current	A	7.6	10.0	7.8/7.0
	COP	W/W	7.7	7.7	7.7
	HSPF				7.7
Moisture Removal	L/h	1.0	1.2	1.8	2.6
Max. input consumption	W				
Max. current	A	13.6	17.2	12.7	16.5
Starting current	A	40.3	47.3	32.6	34.8
Compressor	Type		ROTARY	ROTARY	ROTARY
	Brand		TOSHIBA	TOSHIBA	TOSHIBA
	Capacity	Btu/h	8138	10918	15166/15354
	Capacitor	uF	45	45	50
Indoor air flow (Hi/Mi/Lo)	m3/h	580/460/370	850/730/670	1050/1000/930	1350/1170/1060
Indoor noise level (Hi/Mi/Lo)	dB(A)	42/39/36	47/44/41	48/45/42	52/49/46
Indoor unit	Dimension(W*D*H)	mm	790x195x265	920x225x292	1080x230x330
	Packing (W*D*H)	mm	875x285x375	1015x295x368	1165x445x320
	Net/Gross weight	Kg	7.5/9	13/15	18/25
Outdoor air flow	m3/h	1800	2000	2500	3500
Outdoor noise level	dB(A)	55	56	59	62
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	760x285x590	845x320x860
	Packing (W*D*H)	mm	910x335x585	887x355x645	965x395x755
	Net/Gross weight	Kg	31/33.5	36/39	53/57
Refrigerant type	g	R410A/1070g	R410A/1350g	R410A/2040g	R410A/2430g
Design pressure	MPa	550/ 340 PSIG	550/ 340 PSIG	550/ 340 PSIG	550/ 340 PSIG
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35/9.52(1/4"/3/8")	6.35/12.7(1/4"/1/2")	6.35/12.7(1/4"/1/2")
	Max. refrigerant pipe length	m	20	20	25
	Max. difference in level	m	8	8	10
Thermostat type		Remote control	Remote control	Remote control	Remote control
Operation temp	°C	17-30	17-30	17-30	17-30
Ambient temp (cooling/heating)	°C	18-43/-7-24	18-43/-7-24	18-43/-7-24	18-43/-7-24

Specifications of 15 SEER Inverter Wall Split Air Conditioners

	Indoor		MS11D-09HRDN1-BN10W	MS11D-12HRDN1-BN10W	MS11D-18HRDN1-MN10W	MS11D-22HRDN1-MN10W
Power supply	Outdoor	Ph-V-Hz	MOR-09HDN1-BN10W	MOR-12HDN1-BN10W	MOC-18HDN1-MN10W	MOF-22HDN1-MN10W
			115V~ 60Hz, 1Ph	115V~ 60Hz, 1Ph	230V~ 60Hz, 1Ph	230V~ 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	22000
	Input	W	950	1320	1920	2340
	SEER	BTU/W	16	16	16	16
Heating	Capacity	Btu/h	9000	12000	18500	22000
	Input	W	950	1220	1750	2150
	HSPF	BTU/W	8.2	8.2	8.2	8.2
Indoor air flow (Hi/Mi/Lo)	m3/h		500/410/360	600/530/400	750/660/480	1250/1150/950
Indoor noise level (Hi/Mi/Lo)	dB(A)		38/31/29	39/35/31	42/39/31	49/45/39
Indoor unit	Dimension(W*D*H)	mm	680x178x255	770x188x255	905x198 x275	1030x218x315
	Dimension(W*D*H)	inch	26.77x7.01x10.04	30.31x7.40x10.04	35.63x7.80x10.83	40.55x8.58x12.40
	Packing (W*D*H)	mm	745x255x330	835x255x330	970x270x345	1115x395x300
	Packing (W*D*H)	inch	29.33x10.04x12.99	32.87x10.43x12.99	38.19x10.63x13.58	43.90x15.55x11.81
	Net/Gross weight	Kg	7 / 8	7.5 / 9.5	9 / 11.5	12 / 15
Outdoor air flow	m3/h		1650	1900	2300	2700
Outdoor noise level	dB(A)		56	57	59	60
Outdoor unit	Dimension(W*D*H)	mm	660x265x540	660x265x540	760x285x590	845x320x700
	Dimension(W*D*H)	inch	26X10.4X21.3	26X10.4X21.3	29.92x11.22x23.23	33.27x12.60x27.56
	Packing (W*D*H)	mm	790x355x620	790x355x620	887x355x645	965x395x755
	Packing (W*D*H)	inch	31.1X14X24.4	31.1X14X24.4	34.92x13.98x25.39	37.99x15.55x29.72
	Net/Gross weight	Kg	27 / 28.5	30 / 32	37.5 / 40	47 / 50.5
Refrigerant type		oz	R410A/23.99	R410A/32.1	R410A/42.3	R410A/56.44
Design pressure		MPa	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35/9.52(1/4"/3/8")	6.35/9.52(1/4"/3/8")	6.35/12.7(1/4"/1/2")	9.52/15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	25	25
	Max. difference in level	m	8	8	10	10
Connection wiring			16#	16#	16#	16#
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature	Indoor(cooling/ heating)	°C	17-30	17-30	17-30	17-30
	Outdoor(cooling/heating)	°C	0-50/-15-34	0-50/-15-34	0-50/-15-34	0-50/-15-34