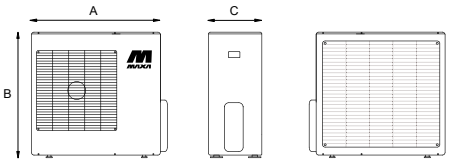
Outdoor Unit

Multisplit DC inverter
from 2 to 5 internal units

4,1 kW÷12,3 kW

MULTISPLIT



		EXT2M42R	EXT2M53R	EXT3M53R	EXT3M62R	EXT3M80R1	EXT4M82R	EXT4M105R	EXT5M120R
Cooling capacity	kW	4,10	5,27	5,27	6,29	7,91	8,18	10,54	12,30
	BTU/h	14.000	18.000	18.000	21.000	27.000	28.000	36.000	42.000
Power input	kW	1,27	1,63	1,40	1,95	2,45	2,55	3,81	3,81
Absorbed current	A	5,52	7,10	6,20	9,00	13,70	11,00	15,00	16,00
S.E.E.R.		5,6 - A+	6.1 - A++	6.1 - A++	6.1 - A++	6,1 - A++	6,1 - A++	6,2 - A++	6,1 - A++
Heating capacity	kW	4,39	5,56	5,27	6,44	8,20	8,79	10,84	12,30
	BTU/h	15.000	19.000	18.000	22.000	28.000	30.000	37.000	42.000
Power input	kW	1,18	1,39	1,30	1,78	2,10	2,05	2,76	3,30
Absorbed current	A	5,15	6,1	5,9	8,5	12,5	9,0	12,1	14,6
S.C.O.P. Average		3,8 - A	3,8 - A+	4,0 - A+	4,0 - A+	4,0 - A+	3,8 - A	3,8 - A	3,5 - A
S.C.O.P. Warmer		4,6 - A++	5,1 - A+++	5,1 - A+++	4,8 - A++	5,1 - A+++	4,6 - A++	5,2 - A+++	5,1 - A+++
Max indoor units		2	2	3	3	3	4	4	5
Compressor		Rotary Inverter							
Power supply	V~, Ph, Hz	230, 1, 50							
Air flow	m³/h	2200	2100	2100	3000	3000	3800	4000	3850
Sound power	dB(A)	64	65	65	65	67	67	67	69
Outdoor temp. *	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24
Refrigerant q.ty	R32/g	1100	1250	1500	1500	1720	2100	2100	2900
Additional charge	g/m	12	12	12	12	12	12	12	12
Max. length with standard load	m	15	15	15	22,5	22,5	30	30	37,5
Max length for all indoor units	m	40	40	60	60	60	80	80	80
Max length for each unit	m	25	25	30	30	30	35	35	35
Max difference between inside and outside	m	15	15	15	15	15	15	15	15
Diff. in level between indoor units	m	10	10	10	10	10	10	10	10
Gas pipe (1)	mm / inch	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ3x9,53+1x12,7 3x3/8"+1 x1/2"	Φ3x9,53+1x12,7 3x3/8"+1 x1/2"	Φ4x9,53+1x12,7 3x3/8"+1 x1/2"
Liquid pipe	mm / inch	Φ6,53(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	4x Φ6,35 4x1/4"	4x Φ6,35 4x1/4"	4x Φ6,35 5x1/4"
Dimensions AxBxC	mm	800x554x333	800x554x333	805x554x333	845x702x363	845x702x363	946x810x410	946x810x410	946x810x410
Kg	kg	31,8	35,5	36,2	46,8	51,1	62,1	68,8	74,1

* Operating limits
(1) Please refer to the table of indoor units for the piping section
For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

Floor Ceiling

Ceiling/floor-type internal unit with DC fan

5,2 kW

MULTISPLIT

Predisposition WiFi

Flexibility of Installation

Auto Mode
Automatic season change

Alarm signalling contact

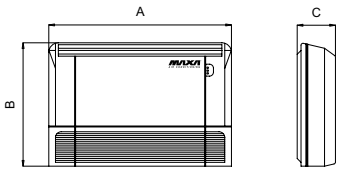
Remote on/off input

Ideal for Large Spaces

The ceiling-floor series units are characterised by generous air flow rates and a large throw distance, these features make them ideal for large spaces.

Flexibility of Installation

The main feature of these units is the possibility of installing them both vertically and horizontally, always ensuring maximum output.



		SPV53R
Cooling capacity	kW	5,27
	BTU/h	18.000
Absorbed current	A	6,0
Heating capacity	kW	5,57
	BTU/h	19.000
Absorbed current	A	6,6
Power supply	V~, Ph, Hz	230, 1, 50
Air flow	m³/h	958/839/723
Sound pressure	dB(A)	44/41/37
Gas pipe	mm / inch	Φ12,7(1/2")
Liquid pipe	mm / inch	Φ6,35(1/4")
Dimensions AxBxC	mm	1.068x675x235
Kg	kg	28

For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

Outdoor Unit

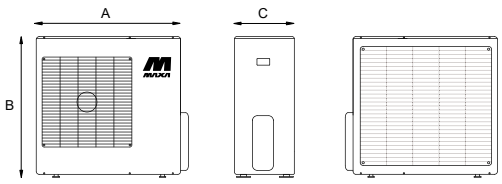
Commercial Monosplit
DC inverter

2,6 kW÷5,3 kW

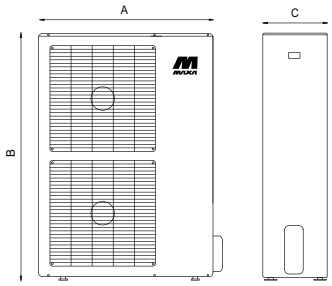
COMMERCIAL

		UECS35R	UECS53R	UECS71R2 (NEW)	UECS105R-1	UECS105R	UECS130R2 (NEW)	UECS176R
Cooling capacity	kW	3,51	5,27	7,09	10,55	10,54	14,07	16,11
	BTU/h	12.000	18.000	24.200	36.000	36.000	48.000	55.000
Heating capacity	kW	3,80	5,56	8,0	11,72	11,72	16,12	18,17
	BTU/h	13.000	19.000	27.200	40.000	40.000	55.000	62.000
Compressor		Rotary Inverter						
Power supply	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	380, 3, 50	380, 3, 50	380, 3, 50
Air flow	m³/h	2.200	2.100	3.500	4.000	4.000	5.600	7.500
Sound power	dB(A)	53,6	59	60	63	63	63,5	64
(1) Outdoor temp.	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-15 / +24	-15 / +24	-20 / +24	-15 / +24	-15 / +24	-20 / +24	-15 / +24
Piping lenght	m	25	30	50	75	75	75	75
Diff. in level	m	10	20	25	30	30	30	30
Refrigerant q.ty	R32/g	710	1150	1400	2400	2400	2900	3000
Gas pipe *	mm / inch	Φ9.53(3/8")	Φ12.7(1/2")	Φ15.9(5/8")	Φ15.9(5/8")	Φ15.9(5/8")	Φ15.9(5/8")	Φ15.9(5/8")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")
Dimensions AxBxC	mm	765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	980x975x415	952x1.333x415
Kg	kg	26,6	32,5	41,9	80,5	66,9	90	107

* Please refer to the table of indoor units for the piping section
(1) Operating limits
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.



UECS35R, UECS53R, UECS71R2, UECS105R-1, UECS105R, UECS130R2



UECS176R

Floor Ceiling

Ceiling/floor-type internal unit with DC fan

5,3 kW÷15,3 kW

COMMERCIAL

Predisposition WiFi

Flexibility of Installation

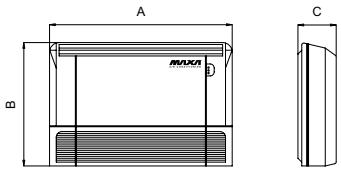
Auto Mode - Automatic season change

Alarm signalling contact

Remote on/off input

TWIN

Compatible TWIN configuration



		SPV53R	SPV71R	SPV105R (1)	SPV105R	SPV130R	SPV176R
Nominal cooling capacity	kW	5,27	7,03	10,55	10,55	14,07	15,83
	BTU/h	18.000	24.000	36.000	36.000	48.000	54.000
Power input *	kW	1, 45	2,30	3,90	4,00	5,00	5,65
Absorbed current *	A	6,0	10,54	17,0	6,30	8,8	9,7
S.E.E.R.		6,2 - A++	6,1 - A++	6,2 - A++	6,4 - A++	6,1 - A++	6,1 - A++
Heating capacity	kW	5,57	7,62	11,72	11,72	16,12	18,17
	BTU/h	19.000	26.000	40.000	40.000	55.000	62.000
Power input *	kW	1,50	2,05	3,35	4,0	5,5	6,2
Absorbed current *	A	6,6	9,50	15,00	5,40	8,90	10,50
S.C.O.P. Average		4,0 - A+	4,0 - A+	4,0 - A+	4,1 - A+	4,0 - A+	4,0 - A+
S.C.O.P. Warmer		5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++
Indoor unit power supply	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50
Air flow	m³/h	958/839/723	1192/1023/853	1955/1728/1504	1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound pressure	dB(A)	44/41/37	51/47/43	51,5/48/45	51,5/48/45	53/50/46	55/52/48
Piping lenght	m	≤ 30	≤ 50	≤ 75	≤ 75	≤ 75	≤ 75
Diff. in level	m	≤ 20	≤ 25	≤ 30	≤ 30	≤ 30	≤ 30
Gas pipe	mm / inch	Φ12,7(1/2")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ6,35(1/4")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")
Dimensions AxBxC	mm	1.068x675x235	1.068x675x235	1.650x675x235	1.650x675x235	1.650x675x235	1.650x675x235
Kg	kg	28	28	41,5	41,5	41,7	42,3

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)
(1) Combined with single-phase outdoor unit
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.