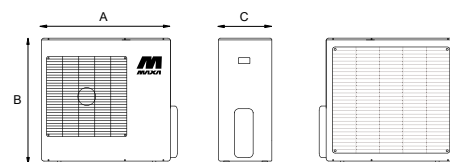


Outdoor Unit

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	Φ6,35(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.

Cassette

Cassette-type internal unit with DC fan

2,6 kW÷5,3 kW



MULTISPLIT



Predisposition
WiFi



Fan Motor DC



Auto Mode - Automatic
season change



Condensate drain pump
h max. 75 cm



Alarm signalling contact



Predisposition
fresh air intake



Side air
predisposition



Activation contact for
renewal air



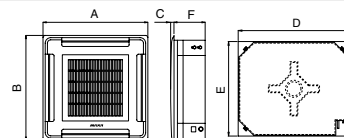
Remote on/off input

Renewed Aesthetics

The R1 series cassettes are equipped with the new grid panel, which provides increased levels of comfort and aesthetics in line with the other cassette units in the Maxa line.

360° Ventilation

The R1 series cassettes are characterised by the round 360° air supply, which increases temperature uniformity in the room.



		CCST26R1	CCST35R1	CCST53R1
Cooling capacity	kW	2,64	3,51	5,27
	BTU/h	9.000	12.000	18.000
Absorbed current *	A	0,50	4,45	7,2
Heating capacity	kW	2,93	3,80	5,57
	BTU/h	10.000	13.000	17.870
Absorbed current *	A	0,50	4,73	6,8
Power supply	V~, Ph, Hz	230, 1, 50		
Air flow	m³/h	580/500/300	620x510x420	720x620x500
Sound pressure	dB(A)	37/35,5/33	42/38,5/31,5	44/41/31,5
Gas pipe	mm / inch	Φ9,53(3/8")	Φ9,53(3/8")	Φ12,7(1/2")
Liquid pipe	mm / inch	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")
Frame dimensions DxExF	mm	570x570x245	647x647x50	647x647x50
Panel dimensions AxBxC	mm	647x647x50	570x570x260	570x570x260
Kg	kg	14,5	16,3	16,3

* Specific only for the indoor unit

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



NEW

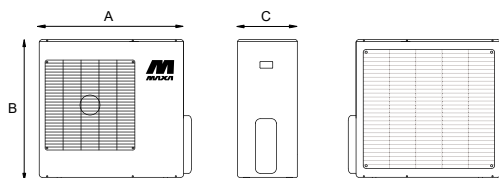
NEW

		UECS35R	UECS53R	UECS71R2	UECS105R-1	UECS105R	UECS130R2	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 (cool)	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (heat)	-15 / +24	-15 / +24	-20 / +24	-15 / +24	-15 / +24	-20 / +24	-15 / +24
Piping length	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

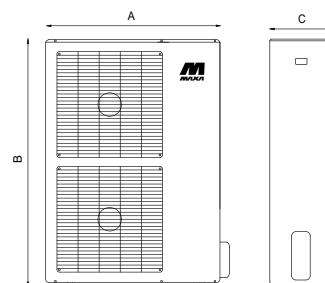
* Please refer to the table of indoor units for the piping section

(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

Cassette

Column-type internal unit with DC fan

2,1 kW ÷ 5,3 kW



Predisposition
WiFi



Fan Motor DC



Auto Mode - Automatic
season change



Condensate drain pump
h max. 75 cm



Alarm signalling
contact



Predisposition renewal
air intake



Side Air
predisposition



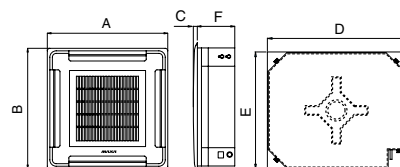
Activation contact for
renewal air



Remote on/off input



Compatible TWIN
configuration



		CCST35R1	CCST53R1	CCST71R	CCST105R ⁽¹⁾	CCST105R	CCST130R	CCST176R
Nominal cooling capacity	kW	3,51	5,27	7,03	10,55	10,01	14,07	15,24
	BTU/h	12.000	18.000	21.000	33.950	34.160	44.110	53.000
Power input *	kW	1,01	1,63	2,32	3,95	3,04	4,65	5,00
Absorbed current *	A	4,45	7,2	10,2	17,5	6,5	8,1	8,6
S.E.E.R.		6,6 - A++	6,3 - A++	6,2 - A++	6,7 - A++	6,7 - A++	6,1 - A++	6,3 - A++
Heating capacity	kW	3,80	5,57	7,62	11,14	11,14	16,12	18,17
	BTU/h	13.000	17.870	26.000	38.000	38.000	52.670	62.000
Power input *	kW	1,01	1,54	1,90	3,00	3,00	4,58	5,55
Absorbed current *	A	4,73	6,8	8,50	13,50	5,0	8,00	9,60
S.C.O.P. Average		4,1 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+
S.C.O.P. Warmer		5,1 - A+++	4,8 - A++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,0 - 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	230, 1, 50
Air flow	m³/h	620x510x420	720x620x500	1300/1140/1000	1700/1550/1380	1700/1550/1380	1970/1780/1580	2000/1850/1650
Sound pressure	dB(A)	42/37,5/34,5	45,4/44/39	50/47,5/42	51/49/46	51/49/46	52,5/50,5/48	54,5/52/49,5
Piping lenght	m	≤ 25	≤ 30	≤ 50	≤ 75	≤ 75	≤ 75	≤ 75
Diff. in level	m	≤ 10	≤ 20	≤ 25	≤ 30	≤ 30	≤ 30	≤ 30
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 AxBxCxDxExF	mm	647x647x50x570x570x260	647x647x50x570x570x260	950x950x55x830x830x205	950x950x55x830x830x245	950x950x55x830x830x245	950x950x55x830x830x287	950x950x55x830x830x287
Kg	kg	16,3	16,3	21,6	27,2	27,2	29,3	29,3

(*) 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.