



COMMERCIALE

# Canalizzato



Filocomando Aiset-C con WiFi di serie



ESP Settings



Auto Mode - Cambio stagione automatico



Pompa scarico condensa h max. 75 cm



Contatto segnalazione allarmi



Predisposizione presa aria di rinnovo



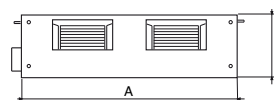
Contatto attivazione per aria di rinnovo



Ingresso on/off remoto



Compatibile configurazione TWIN



UNITÀ INTERNA CANALIZZATO		DUCT35R1	DUCT53R1	DUCT71R1	DUCT105R1 <sup>(1)</sup>	DUCT105R1	DUCT130R1	DUCT176R1
Potenza frigorifera nominale	kW	3,51	5,27	7,03	10,55	10,55	14,07	15,24
	BTU/h	12,000	18.000	24.000	36.000	36.000	48.000	52.000
Pot. assorbita *	kW	1,05	1,53	2,19	3,95	4,0	4,8	5,2
Corr. assorbita *	A	4,75	7,1	10,20	17,50	6,50	8,40	9,60
S.E.E.R.		6,3 - A++	6,5 - A++	6,2 - A++	6,2 - A++	6,1 - A++	6,1 - A++	6,1 - A++
Potenza termica	kW	3,81	5,57	7,62	11,72	11,72	16,12	18,17
	BTU/h	13,000	19.000	26.000	40.000	38.360	51.280	57.430
Pot. assorbita *	kW	1,03	1,51	1,90	3,25	3,25	4,50	5,15
Corr. assorbita *	A	4,52	6,8	9,2	14,5	5,3	8,0	9,5
S.C.Q.P. Fascia media		4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+
S.C.Q.P. Fascia calda		5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,0 - A+++	5,1 - A+++
Alimentazione unità interna	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	380, 3, 50	380, 3, 50	380, 3, 50
Portata d'aria	m³/h	600/480/300	911/706.3/515.2	1229/1035/825.1	2100/1800/1500	2100/1800/1500	2400/2040/1680	2600/2210/1820
(1) Prev. utile	Pa	0 - 60	0 - 100	0-160	0-160	0-160	0-160	0-160
Potenza sonora	dB(A)	61	65	67	70	70	73	74
Lungh. tubaz.	m	≤ 25	≤ 30	≤ 50	≤ 75	≤ 75	≤ 75	≤ 75
Disl. tra unità	m	≤ 10	≤ 20	≤ 25	≤ 30	≤ 30	≤ 30	≤ 30
Attacchi gas	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")
Attacchi liquido	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")
Dimensioni AxBxC	mm	700x200x506	880x210x674	1.100x249x774	1.360x249x774	1.360x249x774	1.200x300x874	1.200x300x874
Kg	kg	17,8	24,4	32,3	40,5	40,5	47,6	47,4

(\* Valore riferito alla somma degli assorbimenti unità esterna+unità interna (alimentazioni separate)

(1) Abbinata ad unità esterna monofase

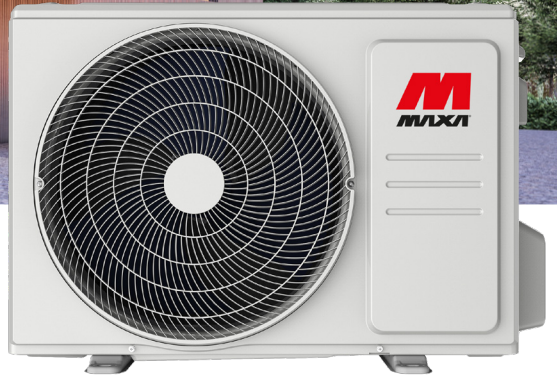
(1) Valutata alla portata aria nominale, vinta la sola perdita di carico della batteria

Condizioni di prova raffreddamento: int. 27°C b.s. / 19,5°C b.u. - est. 35°C b.s. / 24°C b.u. - Condizioni di prova riscaldamento: int. 20°C b.s. - est. 7°C b.s. / 6°C b.u.



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# Unità Esterne

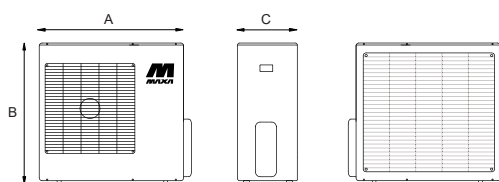


UNITÀ ESTERNA		UECS35R	UECS53R	UECS71R	UECS105R-1	UECS105R	UECS130R	UECS176R
Potenza frigorifera	kW	3,51	5,27	7,03	10,55	10,54	14,07	16,11
	BTU/h	12.000	18.000	24.000	36.000	36.000	48.000	55.000
Potenza termica	kW	3,80	5,56	7,62	11,72	11,72	16,12	18,17
	BTU/h	13.000	19.000	26.000	40.000	40.000	55.000	62.000
Compressore		Rotary Inverter						
Alimentazione	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	380, 3, 50	380, 3, 50	380, 3, 50
Portata d'aria	m³/h	2.200	2.100	3.500	4.000	4000	7.500	7.500
Potenza sonora	dB(A)	53,6	59	60	63	63	63,5	64
(1) Temp. esterna	°C (raff)	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (risc)	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24
Lungh. tubaz.	m	25	30	50	75	75	75	75
Disl. tra unità	m	10	20	25	30	30	30	30
Q.tà refrigerante	R32/g	720	1150	1500	2400	2400	2900	3000
Attacchi gas *	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")
Attacchi liquido	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")
Dimensioni AxBxC	mm	765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	952x1.333x415	952x1.333x415
Kg	kg	26,6	32,5	43,9	80,5	66,9	103,7	107

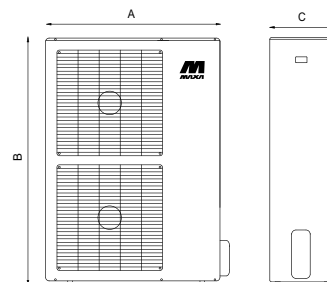
\* Fare riferimento alla tabella delle unità interne per la sezione delle tubazioni.

(1) Limiti di funzionamento

Condizioni di prova raffreddamento: int. 27°C b.s. / 19,5°C b.u. - est. 35°C b.s. / 24°C b.u. - Condizioni di prova riscaldamento: int. 20°C b.s. - est. 7°C b.s. / 6°C b.u.



UECS35R, UECS53R, UECS71R, UECS105R-1, UECS105R



UECS130R, UECS176R



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# Duct



Airset-C wired remote control with WiFi as standard



ESP Settings



Auto Mode - Automatic season change



Condensate drain pump h max. 75 cm



Alarm signalling contact



Predisposition renewal air intake



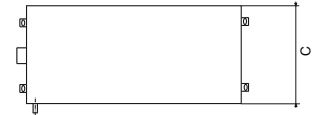
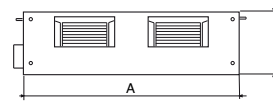
Activation contact for renewal air



Remote on/off input



Compatible TWIN configuration



INDOOR UNIT DUCT		DUCT35R1	DUCT53R1	DUCT71R1	DUCT105R1 <sup>(1)</sup>	DUCT105R1	DUCT130R1	DUCT176R1
Nominal cooling capacity	kW	3,51	5,27	7,03	10,55	10,55	14,07	15,24
	BTU/h	12,000	18.000	24.000	36.000	36.000	48.000	52.000
Power input *	kW	1,05	1,53	2,19	3,95	4,0	4,8	5,2
Absorbed current *	A	4,75	7,1	10,20	17,50	6,50	8,40	9,60
S.E.E.R.		6,3 - A++	6,5 - A++	6,2 - A++	6,2 - A++	6,1 - A++	6,1 - A++	6,1 - A++
Heating capacity	kW	3,81	5,57	7,62	11,72	11,72	16,12	18,17
	BTU/h	13,000	19.000	26.000	40.000	38.360	51.280	57.430
Power input *	kW	1,03	1,51	1,90	3,25	3,25	4,50	5,15
Absorbed current *	A	4,52	6,8	9,2	14,5	5,3	8,0	9,5
S.C.O.P. Average		4,0 - 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+++	5,1 - 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	380, 3, 50	380, 3, 50	380, 3, 50
Air flow	m³/h	600/480/300	911/706.3/515.2	1229/1035/825.1	2100/1800/1500	2100/1800/1500	2400/2040/1680	2600/2210/1820
(1) Ext. Static pressure	Pa	0 - 60	0 - 100	0-160	0-160	0-160	0-160	0-160
Sound power	dB(A)	61	65	67	70	70	73	74
Piping length	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 AxBxC	mm	700x200x506	880x210x674	1.100x249x774	1.360x249x774	1.360x249x774	1.200x300x874	1.200x300x874
Kg	kg	17,8	24,4	32,3	40,5	40,5	47,6	47,4

(\* ) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)

(1) Combined with single-phase outdoor unit

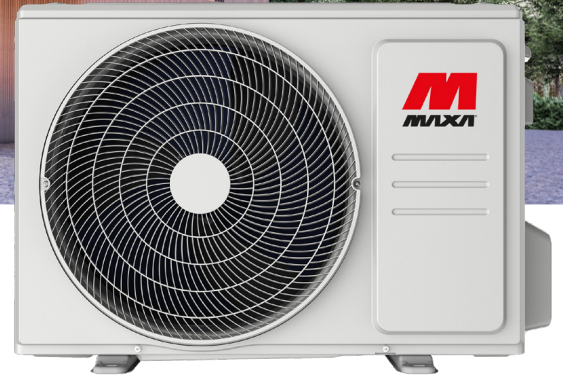
(1) Value at nominal air capacity, considering only the pressure drop caused by the coil

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.



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# Outdoor Unit

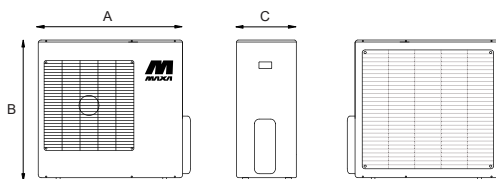


OUTDOOR UNIT		UECS35R	UECS53R	UECS71R	UECS105R-1	UECS105R	UECS130R	UECS176R
Cooling capacity	kW	3,51	5,27	7,03	10,55	10,54	14,07	16,11
	BTU/h	12.000	18.000	24.000	36.000	36.000	48.000	55.000
Heating capacity	kW	3,80	5,56	7,62	11,72	11,72	16,12	18,17
	BTU/h	13.000	19.000	26.000	40.000	40.000	55.000	62.000
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	m <sup>3</sup> /h	2.200	2.100	3.500	4.000	4000	7.500	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	-15 / +24	-15 / +24	-15 / +24	-15 / +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	720	1150	1500	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	952x1.333x415	952x1.333x415
Kg	kg	26,6	32,5	43,9	80,5	66,9	103,7	107

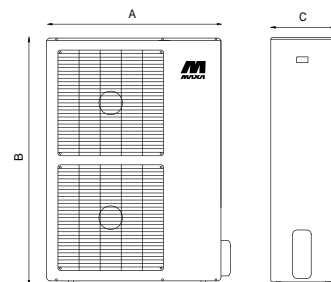
\* Please refer to the table of indoor units for the piping section

(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, UECS71R, UECS105R-1, UECS105R



UECS130R, UECS176R