

Mini SMMS R32 outdoor units

- › Ultra-compact 2-pipe outdoor unit for up to 13 indoor units
- › Optimum protection of the environment: made in Europe with low GWP refrigerant
- › Quiet: 3-stage night operation to reduce noise
- › Comprehensive and simple safety concept
- › SEER efficiency values up to 9.98 – SCOP efficiency values up to 5.21
- › Controls locally hard-wired or infrared, central and/or via BMS



OUTDOOR UNIT			MCY-MUG0401HSW-E	MCY-MUG0501HSW-E	MCY-MUG0601HSW-E
Cooling capacity	kW	❄	12,10	14,00	15,50
Power consumption (min./nom./max.)	kW	❄	2,92	3,73	4,29
Energy efficiency EER	W/W	❄	4,14	3,75	3,61
Energy efficiency SEER		❄	9,98	9,21	8,80
Running current	A	❄	13,1	16,3	18,6
Heating capacity	kW	❄	12,10	14,00	15,50
Power consumption (min./nom./max.)	kW	❄	2,38	2,95	3,36
Energy efficiency COP	W/W	❄	5,08	4,75	4,61
Energy efficiency SCOP		❄	5,21	4,93	4,80
Running current	A	❄	10,9	13,2	14,8
Airflow	m³/h		4560	4740	4740
Outdoor temperature operating range (min.-max.)	°C	❄	-5 / +46	-5 / +46	-5 / +46
Outdoor temperature operating range (min.-max.)	°C	❄	-20 / +15	-20 / +15	-20 / +15
Power supply	V/Ph+N/Hz		220-240/1+N/50	220-240/1+N/50	220-240/1+N/50
Sound pressure level (low/med/high)	dB(A)	❄	52	53	54
Sound pressure level (low/med/high)	dB(A)	❄	54	55	56
Suction gas pipe diameter	mm (inch)		15,8 (5/8)	15,8 (5/8)	15,8 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)	9,5 (3/8)	9,5 (3/8)
Pipe length (max.)	m		300	300	300
Height difference (max.)	m		40/50	40/50	40/50
Connectable indoor units (max.)	Pce.		8	10	13
Compressor type			Twin-Rotary	Twin-Rotary	Twin-Rotary
Refrigerant			R32	R32	R32
Refrigerant charge	kg		2,40	2,40	2,40
Dimensions (HxWxD)	mm		1050 x 1010 x 370	1050 x 1010 x 370	1050 x 1010 x 370
Weight	kg		100	100	100
Price	€		6.425,-	6.570,-	7.170,-

ACCESSORIES	DESCRIPTION	PRICE €
TCB-LD1UPE	Leak detection sensor - Mini SMMS R32	400,-
TCB-BT1UPE	Battery kit for shut-off valve and flow box - SHRMa / Mini SMMS R32	380,-
RBM-SV1121HUPE	Shut-off valve kit - SHRMa / Mini SMMS R32	1.110,-
RBM-SV1801HUPE	Shut-off valve kit - SHRMa / Mini SMMS R32 4,0 up to ≤ 6,4 HP	1.230,-

ITEM NUMBER	DESCRIPTION	
	Leak detection sensor TCB-LD1UPE	› Stand-alone › Power supply via the indoor unit › 10 year service life for sensor
	Battery TCB-BT1UPE	› Guarantees the shut-off function even in a power blackout › 5-year service life › For installation in the flow box or shut-off box
	Shut-off box RBM-SV_HUPE	› For isolating leaking indoor units from the main refrigerant circuit › Only required in 2-pipe operation since all flow boxes contain shut-off valves.

MiNi SMMS single fan outdoor units

- › Ultra-compact 2-pipe outdoor unit for up to 10 indoor units
- › SEER efficiency values up to 8,08 – SCOP efficiency values up to 5,36
- › Controls locally hard-wired or infrared, central and/or via BMS



OUTDOOR UNIT			MCY-MHP0406HT-E	MCY-MHP0506HT-E1
Cooling capacity	kW	❄️	12,10	14,00
Power consumption (min./nom./max.)	kW	❄️	3,24	3,94
Energy efficiency EER	W/W	❄️	3,73	3,23
Energy efficiency SEER		❄️	8,08	7,77
Running current	A	❄️	13,8	17,9
Heating capacity	kW	🔥	12,50	16,00
Power consumption (min./nom./max.)	kW	🔥	2,83	3,86
Energy efficiency COP	W/W	🔥	4,42	4,00
Energy efficiency SCOP		🔥	3,83	3,88
Running current	A	🔥	12,80	17,50
Airflow	m³/h		4020	4260
Outdoor temperature operating range (min.-max.)	°C	❄️	-5 / +46	-5 / +46
Outdoor temperature operating range (min.-max.)	°C	🔥	-20 / +15	-20 / +15
Power supply	V/Ph+N/Hz		220-240/1+N/50	220-240/1+N/50
Sound pressure level (low/med/high)	dB(A)	❄️	54	54
Sound pressure level (low/med/high)	dB(A)	🔥	57	58
Suction gas pipe diameter	mm (inch)		15,9 (5/8)	15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)	9,5 (3/8)
Pipe length (max.)	m		90	90
Height difference (max.)	m		15/15	15/15
Connectable indoor units (max.)	Pce.		8	10
Compressor type			1x Twin-Rotary	1x Twin-Rotary
Refrigerant			R410A	R410A
Refrigerant charge	kg		3,30	3,30
Dimensions (HxWxD)	mm		910 x 990 x 390	910 x 990 x 390
Weight	kg		100	100
Price	€		5.280,-	5.380,-