

SMMSu outdoor units

- › 2-pipe outdoor units for up to 128 indoor units
- › Latest generation – universally combinable
- › With new defrost technology and high-speed system bus
- › Maximum efficiency, operational reliability, and service-friendliness
- › Leading-edge flexibility in terms of pipework & control options
- › SEER efficiency values up to 7.73 – SCOP efficiency values up to 4.79
- › Controls locally hard-wired or infrared, central and/or via BMS
- › World's first triple rotary compressor



SMMSu
SUPER MODULAR MULTI SYSTEM



OUTDOOR UNIT			MMY-MUP0801HT8P-E	MMY-MUP1001HT8P-E	MMY-MUP1201HT8P-E	MMY-MUP1401HT8P-E
Capacity code	HP		8	10	12	14
Cooling capacity	kW	❄	22,40	28,00	33,50	40,00
Power consumption (min./nom./max.)	kW	❄	5,64	8,36	10,34	14,55
Energy efficiency SEER		❄	7,44	7,73	7,32	7,05
Running current	A	❄	9,15	13,4	16,0	22,6
Heating capacity	kW	☀	22,40	28,00	33,50	40,00
Power consumption (min./nom./max.)	kW	☀	5,28	7,20	7,77	10,00
Energy efficiency SCOP		☀	4,50	4,78	4,75	4,60
Running current	A	☀	8,56	11,5	12,1	15,5
Airflow	m³/h		9900	10500	11700	11880
External static pressure	Pa		80	80	80	80
Sound pressure level (low/med/high)	dB(A)	❄	53	55	58	58
Sound pressure level (low/med/high)	dB(A)	☀	56	58	62	62
Sound power level	dB(A)	❄	75	77	79	79
Sound power level	dB(A)	☀	76	77	81	82
Compressor type			1x Twin-Rotary	1x Twin-Rotary	1x Twin-Rotary	1x Twin-Rotary
Liquid pipe diameter	mm (inch)		12,7 (½)	12,7 (½)	12,7 (½)	15,9 (5/8)
Suction gas pipe diameter	mm (inch)		19,1 (¾)	22,2 (7/8)	28,6 (1 1/8)	28,6 (1 1/8)
Outdoor temperature operating range (min.-max.)	°C	❄	-15 / +52	-15 / +52	-15 / +52	-15 / +52
Outdoor temperature operating range (min.-max.)	°C	☀	-25 / +15,5	-25 / +15,5	-25 / +15,5	-25 / +15,5
Power supply	V/Ph+N/Hz		380-415/3+N/50	380-415/3+N/50	380-415/3+N/50	380-415/3+N/50
Recommended fusing	A		3x 20	3x 25	3x 32	3x 32
Pipe length (max.)	m		500	500	500	500
Height difference (max.)	m		110	110	110	110
Refrigerant			R410A	R410A	R410A	R410A
Refrigerant charge	kg		6,00	6,00	6,00	6,00
Dimensions (HxWxD)	mm		1690 x 990 x 780	1690 x 990 x 780	1690 x 990 x 780	1690 x 990 x 780
Weight	kg		228	228	228	228
Price	€		12.860,-	13.440,-	14.680,-	17.610,-

ACCESSORIES	DESCRIPTION	PRICE €
RBM-FGUS1P-E	Fin protection kit for SMMSu and SHRMa outdoor units - 8 to 14 HP chassis	310,-



OUTDOOR UNIT			MMY-MUP1601HT8P-E	MMY-MUP1801HT8P-E	MMY-MUP2001HT8P-E	MMY-MUP2201HT8P-E	MMY-MUP2401HT8P-E1
Capacity code	HP		16	18	20	22	24
Cooling capacity	kW	❄️	45,00	50,40	56,00	61,50	67,00
Power consumption (min./nom./max.)	kW	❄️	14,06	15,90	18,01	20,43	24,19
Energy efficiency SEER		❄️	7,71	7,68	7,62	7,23	6,87
Running current	A	❄️	21,6	24,4	27,7	31,4	37,1
Heating capacity	kW	🔥	45,00	50,40	56,00	61,50	64,50
Power consumption (min./nom./max.)	kW	🔥	11,94	12,54	14,93	16,18	18,98
Energy efficiency SCOP		🔥	4,79	4,75	4,43	4,44	4,17
Running current	A	🔥	18,3	19,3	22,9	24,8	29,1
Airflow	m³/h		15300	16800	15900	16500	16500
External static pressure	Pa		80	80	80	80	80
Sound pressure level (low/med/high)	dB(A)	❄️	60	61	63	63	63
Sound pressure level (low/med/high)	dB(A)	🔥	63	67	67	67	67
Sound power level	dB(A)	❄️	83	84	86	86	86
Sound power level	dB(A)	🔥	86	89	90	90	90
Compressor type			1x Triple-Rotary	1x Triple-Rotary	1x Triple-Rotary	2x Twin-Rotary	2x Twin-Rotary
Liquid pipe diameter	mm (inch)		15,9 (5/8)	15,9 (5/8)	15,9 (5/8)	19,1 (¾)	19,1 (¾)
Suction gas pipe diameter	mm (inch)		28,6 (1 1/8)	28,6 (1 1/8)	28,6 (1 1/8)	28,6 (1 1/8)	34,9 (1 3/8)
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +52	-15 / +52	-15 / +52	-15 / +52	-15 / +52
Outdoor temperature operating range (min.-max.)	°C	🔥	-25 / +15,5	-25 / +15,5	-25 / +15,5	-25 / +15,5	-25 / +15,5
Power supply	V/Ph+N/Hz		380-415/3+N/50	380-415/3+N/50	380-415/3+N/50	380-415/3+N/50	380-415/3+N/50
Recommended fusing	A		3x 40	3x 40	3x 40	3x 63	3x 63
Pipe length (max.)	m		500	500	500	500	500
Height difference (max.)	m		110	110	110	110	110
Refrigerant			R410A	R410A	R410A	R410A	R410A
Refrigerant charge	kg		9,00	9,00	9,00	9,00	9,00
Dimensions (HxWxD)	mm		1690 x 1290 x 780	1690 x 1290 x 780	1690 x 1290 x 780	1690 x 1290 x 780	1690 x 1290 x 780
Weight	kg		312	312	334	356	356
Price	€		18.880,-	20.350,-	21.810,-	23.260,-	25.240,-

ACCESSORIES	DESCRIPTION	PRICE €
RBM-FGUM1P-E	Fin protection kit for SMMSu and SHRMa outdoor units - 16 to 24 HP chassis	350,-