



OUTDOOR UNITS



Description	Unit	TAD-2MUL-41IT	
		Cooling	Heating
Power supply	V/Ph/Hz	220-240/1/50	
Rated capacity (min.-max.) (EN14511)	kW	4,10 (2,05-5,00)	4,40 (2,49-5,40)
Power input nom. (min.-max.)	kW	1,10 (0,55-1,40)	0,97 (0,60-1,78)
Max current	A	10	
Maximum power consumption	KW	2,25	
EER/COP (EN14511)		3,72	4,54
Pdesign	kW	4,1	3,8
SEER / SCOP average climate (heat-cool)*		6,5	4
Energy class *		A++	A+
Seasonal energy consumption	kWh/ annum	220	1330
Sound pressure O.U. (h.)	dB(A)	50	52
Sound power O.U. (h.)	dB(A)	62	
Compressor type		Rotary DC Inverter	
Refrigerant type/GWP		R32/675	
Refrigerant charge	kg/T.CO ₂ eq.	0,75/0,506	
Liquid pipe diameter	mm (inch)	6,35 (1/4") x 2	
Gas pipe diameter	mm (inch)	9,52 (3/8") x 2	
Minimum/maximum piping length with standard charge	m	3-10	
Maximum piping length with additional charge	m	40	
Additional gas charge	g/m	20	
Maximum height difference	m	15	
Net dimensions (H/W/D)	mm	550/882/352	
Net weight	Kg	30	



TAD-2MUL-53IT		TAD-3MUL-61IT		TAD-3MUL-71IT		TAD-4MUL-80IT		TAD-4MUL-106IT	
Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
220-240/1/50		220-240/1/50		220-240/1/50		220-240/1/50		220-240/1/50	
5,30 (2,14-5,80)	5,65 (2,58-6,50)	6,10 (2,20-8,30)	6,50 (3,60-8,50)	7,10 (2,30-9,20)	8,60 (3,65-9,20)	8,00 (2,30-11,0)	9,50 (3,65-10,25)	10,6 (2,6-12)	12,00 (3,00-14,00)
1,48 (0,56-1,56)	1,25 (0,78-1,78)	1,48 (0,95-2,39)	1,43 (0,78-2,87)	1,88 (1,10-2,87)	2,23 (0,98-2,87)	2,12 (1,30-3,58)	2,20 (1,00-2,87)	3,00	3,04
11,0		12,9		15,0		16		21,4	
2,50		2,9		3,4		3,6		5,0	
3,58	4,53	4,12	4,56	3,77	3,86	3,77	4,31	3,53	3,95
5,3	4,3	6,1	6,1	7,1	6,1	8,0	7,2	10,6	10,5
6,6	4	6,1	4	6,1	3,9	6,1	4	7,2	3,8
A++	A+	A++	A+	A++	A+	A++	A+	A++	A+
281	1505	350	2135	407	2189	459	2520	515	3675
50	54	57	58	57	58	58	58	60	60
63		68		68		68		70	
Rotary DC Inverter		Rotary DC Inverter		Rotary DC Inverter		Rotary DC Inverter		Rotary DC Inverter	
R32/675		R32/675		R32/675		R32/675		R32/675	
0,90/0,608		1,6/1,080		1,7/1,148		1,8/1,215		2,40/1,62	
6,35 (1/4") x 2		6,35 (1/4") x 3		6,35 (1/4") x 3		6,35 (1/4") x 4		6,35 (1/4") x 4	
9,52 (3/8") x 2		9,52 (3/8") x 3		9,52 (3/8") x 3		9,52 (3/8") x 4		9,52 (3/8") x 4	
3-10		3-30		3-30		3-40		3-40	
40		60		60		70		80	
20		20		20		20		20	
15		15		15		15		25	
550/882/352		660/964/402		660/964/402		660/964/402		826/1020/427	
32		47,5		47,5		51		72	

OPERATING LIMITS (outdoor temperature) Cooling: from -15 °C to +50 °C Heating: from -15 °C to +30 °C
ROOM TEMPERATURE SETTING RANGE: from 16 to 30 °C

*Data declared in compliance with EU Regulations No. 206/2012 on ecodesign requirements for air conditioners and comfort fans, and No. 626/2011 on energy labelling of air conditioners, and tested according to EN14825:2012.