

DUCTED

CONDENSATE
PUMP

SMART
DEFROST

COLD AIR
PREVENTION

Description	Unit	TAD-SLIM-35IT		TAD-SLIM-50IT		TAD-SLIM-70IT	
		Cooling	Heating	Cooling	Heating	Cooling	Heating
Power supply	V/Ph/Hz	220-240/1/50		220-240/1/50		220-240/1/50	
Nominal capacity (min.-max.) (EN14511)	kW	3,50 (0,90-4,00)	4,00 (0,90-4,50)	5,30 (1,60-5,80)	5,60 (1,60-6,10)	7,1 (2,40-7,60)	8,00 (2,20-8,60)
Nominal power input (min.-max.)	kW	1,03 (0,20-1,30)	1,00 (0,20-1,30)	1,51 (0,30-1,80)	1,42 (0,30-1,80)	1,92 (0,50-2,60)	2,00 (0,50-2,60)
Max current	A	4,9		4,8		7,2	
Maximum power consumption	KW	1,30		1,90		2,80	
EER/COP (EN14511)		3.40	4,00	3,50	3,95	3,70	4,00
Pdesign	kW	3,5		5,3		7,1	
SEER / SCOP average climate*		6,5		4,0		6,3	
Energy class *		A++		A+		A++	
Seasonal energy consumption	kWh/annum	189		294		377	
Air flow I.U. (h.-mh.-m.-l)	m³/h	600-550-500-400		900-800-700-600		1100-1000-900-800	
Available static pressure	Pa	0-80		0-80		0-160	
Dehumidification	l/h	1,0		1,7		2,4	
Sound pressure I.U. (h.-mh.-m.-l)	dB(A)	35-33-32-30		36-35-33-31		37-35-33-31	
Sound power I.U.	dB(A)	56		59		59	
Sound pressure O.U. (h.)	dB(A)	48		52		55	
Sound power O.U. (h.)	dB(A)	56		65		69	
Compressor type		Rotary DC Inverter		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675		R32/675	
Refrigerant charge	kg/T.CO ₂ eq.	0,57/0,384		0,85/0,574		1,50/1,013	
Liquid pipe diameter	mm (inch)	6,35 (1/4")		6,35 (1/4")		9,52 (3/8")	
Gas pipe diameter	mm (inch)	9,52 (3/8")		12,7 (1/2")		16,0 (5/8")	
Minimum/maximum pipe length with standard charge	m	3-5		3-5		3-5	
Maximum pipe length with additional charge	m	30		30		30	
Additional gas charge	g/m	16		16		16	
Max. height difference	m	10		10		10	
Net dimensions I.U. (H./W./D.)	mm	200-700-450		200-1000-450		260-900-655	
Net dimensions O.U. (H./W./D.)	mm	553/675/285		555/745/300		660/889/340	
Net weight I.U. / O.U.	Kg	18/24,5		24/30,5		29,5/41,5	

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 Regulation No. 206/2012 on ecodesign requirements for air conditioners and comfort fans, and Regulation No. 626/2011 on energy labelling of air conditioners; tested according to EN14825:2012.

DUCTED UNIT CURVES

MODEL

The wired controller can be used to adjust the available static pressure at the turbo, high, medium and low fan speeds.
5 available static pressure levels can be set from the controller.

Air flow m³/h

AVAILABLE STATIC PRESSURE	TURBO SPEED	HIGH SPEED	MEDIUM SPEED	LOW SPEED
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Available static pressure

* default available static pressure level.

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