OUTDOOR UNITS

Model				TAD-VRFODU-4IT	TAD-VRFODU-5IT	TAD-VRFODU-6IT
Capacity	Size		HP	4	5	6
	Cooling		kW	12,1	14,1	16,0
	Heating		kW	13,0	16,0	18,5
Electrical data	Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
	Cooling	Rated power input	kW	3,45	3,92	4,75
		Rated current	A	18,4	20,9	25,4
	Heating	Rated power input	kW	2,7	4,16	4,65
		Rated current	A	14,4	22,2	24,8
		Max power	kW	4,5	6,7	6,8
		Max. current	A	24	35,8	31,5
Performance	EER*			3,45	3,74	3,27
	COP*			4,06	4,33	4,11
	SEER			5,89	5,73	6.69
	SCOP			3,99	3,86	4.31
	ηsc		%	233	226	265
	ηsh		%	157	151	169
	Air flow		m^3/h	4400	5200	6600
	Sound power (H)		dB(A)	70	73	76
	Sound pressure (H)		dB(A)	57	58	58
Installation	External dimensions (W/D/H)		mm	980/360/790	940/460/820	900/340/1345
	Packing dimensions (W/D/H)		mm	1097/477/937	1023/563/973	988/458/1500
	Net weight/with packing		kg	85/96	98/108	98/108
	Compressor type			Inverter Rotary		
	No. of compressors			1		
	Refrigerant			R410A		
	Refrigerant charge		kg	2,0	3,3	3,3
	T equivalent of CO^2		T CO^2 eq	4,2	6,9	6,9
	Liquid pipes		mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	GAS pipes		mm (inch)	15.9 (5/8")	15.9 (5/8")	19.05 (3/4")
	Total pipe length		m	250	300	300
	Max length of the longest pipe (effective/equivalent)		m	100/120	120/150	120/150
	Standard height difference I.U.& O.U (O.U above/below)		m	30/30	50/40	50/40
	Standard height difference I.U.		m	10	15	15
Connectivity	Connectivity ratio		%	50~135	50~135	50~135
	Max. number of Indoor Units			6	8	9
Operating temperatures	Cooling		°C	-5°C - 52°C		
	Heating		°C	-20°C - 27°C		

TAD-VRFODUT-4IT	TAD-VRFODUT-5IT	TAD-VRFODUT-6IT	TAD-VRFODUT-7IT	TAD-VRFODUT-8IT (availability to be defined)	TAD-VRFODUT-10IT	TAD-VRFODUT-12IT
4	5	6	8	8	10	12
12,1	14,0	16,0	22,4	22,4	28,0	33,5
14,0	16,5	18,0	24,0	24	31,5	37,5
380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
3,03	3,59	4,75	6,12	4,9	6,5	8,1
5,4	6,4	8,5	10,9	10,9	14,2	16,1
3,27	3,95	4,65	4,9	4,8	6,2	8,2
5,8	7,1	8,3	8,8	8,8	11,5	13,8
6,2	6,7	7,09	9,6	11,1	12,5	13,0
11,1	12,0	12,5	17,2	20,0	25,0	25,0
4,08	3,81	3,27	3,66	4,55	4,30	4,14
4,07	4,4	4,1	4,9	5,23	5,08	4,58
6,70	6,87	6,95	6,82	6,85	6,36	6,78
3,97	4,26	4,05	4,31	4,44	4,68	4,69
265	272	275	270	271	251	283
156	167	159	169	174	184	184
6000	6300	6600	8000	9750	10500	11100
72	73	76	78	78	80	80
57	58	58	58	58	59	61
900/340/1345	900/340/1345	900/340/1345	940/320/1430	940/460/1615	940/460/1615	940/460/1615
988/458/1500	988/458/1500	988/458/1500	1088/438/1580	1038/578/1765	1038/578/1765	1038/578/1765
122/133	122/133	122/133	133/144	133	163	174
Inverter Rotary						
1						
R410A						
3,3	3,3	3,3	5,5	5,0	5,0	5,2
6,9	6,9	6,9	11,5	10,440	10,440	10,858
9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
15.9 (5/8")	15.9 (5/8")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	22.2 (7/8")	25.4 (1")
300	300	300	300	300	300	300
120/150	120/150	120/150	120/150	120 / 150	120 / 150	120 / 150
50/40	50/40	50/40	50/40	50 / 40	50 / 40	50 / 40
15	15	15	15	15	15	15
50~135	50~135	50~135	50~135	50-135	50-135	50-135
7	8	9	13	13	17	20
-5°C - 52°C						
-20°C - 27°C						

*EER/COP according to Standard (EN 14511), declared only for the purposes of the tax deductions in force
**All specifications are tested under nominal conditions (in cooling, indoor temperature is 27°C DB/19°C WB; outdoor temperature is 35°C DB/24WB; in heating, indoor temperature is 20°C DB; outdoor temperature is 7°C