

ARYA SARMAYESH KNOWLEDGE BASE CO ATUA SERIES ONLY DRYING OVEN EX

Oven Type		ATUA 100/100	ATUA 75/100	ATUA 70/85	ATUA 60/85	ATUA 60/65	ATUA 50/55	ATUA 50/45	ATUA 50/40	ATUA 50/35	
Test space volume	L	1000	712	416	300	214	110	90	80	60	
Performance for temperature tests											
Temperature Range	°C	Ambiant+7 ~ +90	Ambiant+7 ~ +90	Ambiant+7 ~ +90	Ambiant+7 ~ +90	Ambiant+7 ~ +90	Ambiant+7 ~ +90	Ambiant+7 ~ +90	Ambiant+7 ~ +90	Ambiant+7 ~ +90	
Temperature deviation in time1)	K	± 0.1 to ± 1.0									
Temperature homogeneity in space 2)	K	± 0.5 to ± 1.5									
Temperature rate of change 3)	Heating K/min	1.7	1.7	1.7	1.9	1.8	2.1	2.2	2.3	2.2	
Temperature calibration values	°C	+50 & +70									
Work space dimensions		Width mm	1000	750	700	600	600	500	500	500	500
		Depth mm	1000	950	700	600	550	400	400	400	350
		Height mm	1000	1000	850	850	650	550	450	400	350
External dimensions		Width mm	1280	1030	980	880	880	780	780	780	780
		Depth mm	1180	1130	880	780	730	630	630	630	630
		Height mm	1910	1910	1760	1760	1560	1460	1360	1310	1260
Number of shelfve		5	4	4	3	3	2	2	2	2	
Sound pressure level 5)	db(A)									171.7	
Oven unit net weight	Kg										
Heating method		Ethylen circulation	Ethylen circulation	Ethylen circulation	Ethylen circulation	Ethylen circulation	Ethylen circulation	Ethylen circulation	Ethylen circulation	Ethylen circulation	
Ethylen Unit dimensions		Width mm	780	780	780	780	780	780	780	780	780
		Depth mm	500	500	500	500	500	500	500	500	500
		Height mm	500	500	500	500	500	500	500	500	500
Ethylen Unit type		ATUAEU-9000	ATUAEU-9000	ATUAEU-6000	ATUAEU-4500	ATUAEU-3000	ATUAEU-3000	ATUAEU-3000	ATUAEU-3000	ATUAEU-3000	
Ethylen boiling temperature 4)	°C	155	155	155	155	155	155	155	155	155	
Ethylen tank volume	L					17.5	17.5	17.5	17.5	17.5	17.5
Ethylen heater power	W	6*1500	6*1500	4*1500	3*1500	2*1500	2*1500	2*1500	2*1500	2*1500	
Ethylen unit net weight	Kg	46	46	44	43	40	40	40	40	40	
Ethylen unit weight with liquid	Kg	63.5	63.5	61.5	60.5	57.5	57.5	57.5	57.5	57.5	
Electrical Box Unit dimensions		Width mm	500	500	500	500	500	500	500	500	
		Depth mm	270	270	270	270	270	270	270	270	
		Height mm	600	600	600	600	600	600	600	600	
Electrical box type		ATUAB-9000	ATUAB-9000	ATUAB-6000	ATUAB-4500	ATUAB-3000	ATUAB-3000	ATUAB-3000	ATUAB-3000	ATUAB-3000	
Electrical box net weight	Kg	29	29	28.5	28	27.5	27.5	27.5	27.5	27.5	
Electrical connection		3/N/PE AC 380 V ± 10% 50 HZ									
Rated power	kW	3.6	3.6	3.6	2.1	2.1	2.1	2.1	2.1	2.1	

Performance values refer to +25 °C ambient temperature .

- 1) Measured in the middle of test space.
- 2) Relative to the set value in temperature range from t min to +80 °C for ATUA series
- 3) In accordance with IEC 60068-3-5
- 4) Only if used Atigel 10060708 KG28
- 5) Measured in 1 m distance from the front and in 1.6 m height at free field measurement according to EN ISO 11201 .