

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY TEMPRATURE TESTING 1000 LITER

Type		AT 4001-1000	AT 4005-1000	AT 4010-1000	AT 7001-1000	AT 7005-1000	AT 7010-1000	AT 7015-1000	
Test space volume	L	1037	1037	1037	1037	1037	1037	1037	
Performance for temperature tests									
Temperature Range	°C	-40 ~ +180	-40 ~ +180	-40 ~ +180	-70 ~ +180	-70 ~ +180	-70 ~ +180	-70 ~ +180	
Temperature deviation in time 1)	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	3.2	6.8	12.3	4.3	6.8	12.9	16.8	
	Cooling K/min	1.1	5.12	9.8	1.1	5.1	10.1	15.3	
Heat compensation at +20 °C	W						8000		
Heat compensation at -20 °C	W						4808		
Temperature calibration values		-20 & +70							
Performance for climatic tests									
Temperature range	°C	XXXXXXXXXX							
Temperature deviation in time 1)	K	XXXXXXXXXX							
Temperature homogeneity in space , relative to the set value 4)	K	XXXXXXXXXX							
Humidity range	%	XXXXXXXXXX							
Humidity deviation in time 1)	%	XXXXXXXXXX							
Climatic calibration values		XXXXXXXXXX							
Work space dimensions	Width mm	950	950	950	950	950	950	950	
	Depth mm	950	950	950	950	950	950	950	
	Height mm	1150	1150	1150	1150	1150	1150	1150	
External dimensions	Width mm	1150	1150	1150	1150	1150	1150	1150	
	Depth mm	2320	2320	2320	2320	2320	2320	2320	
	Height mm	210	210	210	210	210	210	210	
Sound pressure level 5)	db(A)								
Condensing unit		Air cooled	Water cooled	Water cooled	Air cooled	Water cooled	Water cooled	Water cooled	
Electrical connection		380 VAC	380 VAC	380 VAC	380 VAC	380 VAC	380 VAC	380 VAC	
Rated power	kW	3.1	7.3	14.5	6	14.2	27.8	34.9	

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

3) In accordance with IEC 60068-3-5

4) With humidity values > 20% RH

5) Measured in 1 m distance from the front and in 1.6 m height at free field measurement according to EN ISO 11201 .

6) If you prepared Dehumidifier attach system then humidity range can be down less than 5%

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