

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY TEMPRATURE TESTING 125 LITER

Type		AT 4004-125	AT 4006-125	AT 4010-125	AT 7004-125	AT 7006-125	AT 7010-125	AT 7015-125
Test space volume	L	125	125	125	125	125	125	125
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	3.46	6.2	11.1	6.2	6.2	11.1	16.4
	Cooling K/min	4.46	4	10.3	4.01	6.1	10.4	15.0
Heat compensation at +20 °C	W							
Heat compensation at -20 °C	W							
Temperature calibration values		-20 & +70						
Performance for climatic tests								
Temperature range	°C	XXXXXXXXXXXX						
Temperature deviation in time 1)	K	XXXXXXXXXXXX						
Temperature homogeneity in space , relative to the set value 4)	K	XXXXXXXXXXXX						
Humidity range	%	XXXXXXXXXXXX						
Humidity deviation in time 1)	%	XXXXXXXXXXXX						
Climatic calibration values		XXXXXXXXXXXX						
Work space dimensions								
	Width mm	500	500	500	500	500	500	500
	Depth mm	500	500	500	500	500	500	500
	Height mm	500	500	500	500	500	500	500
External dimensions								
	Width mm	700	700	700	700	700	700	700
	Depth mm	1740	1740	2240	1740	1740	2240	2240
	Height mm	1700	1700	1700	1700	1700	1700	1700
Sound pressure level 5)	db(A)	<61	<62	<61	<63	<64	<62	<62
Condensing unit		Air cooled	Air cooled	Water cooled	Air cooled	Air cooled	Water cooled	Water cooled
Electrical connection		220 VAC	380 VAC	380 VAC	220 VAC	380 VAC	380 VAC	380 VAC
Rated power	kW	1.8	3.6	5.1	3.6	5.2	10.2	14.2

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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