

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY TEMPRATURE TESTING 250]

Type		AT 4002-250	AT 4005-250	AT 4010-250	AT 7002-250	AT 7005-250	AT 7010-250
Test space volume	L	250	250	250	250	250	250
Performance for temperature tests							
Temperature Range	°C	-40 ~ +180	-40 ~ +180	-40 ~ +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	4.1	6.2	11.1	4.3	6.2	11.9
	Cooling K/min	2.6	5.39	10.3	2.2	5.29	10.4
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	600	600	600	600	600	600
	Depth mm	700	700	700	700	700	700
	Height mm	600	600	600	600	600	600
External dimensions	Width mm	800	800	800	800	800	800
	Depth mm	1710	1710	2300	1710	1710	2300
	Height mm	1745	1745	1745	1745	1745	1745
Sound pressure level 5)	db(A)	<61	<62	<61	<63	<64	<62
Condensing unit		Air cooled	Air cooled	Water cooled	Air cooled	Air cooled	Water cooled
Electrical connection		220 VAC	380 VAC	380 VAC	220 VAC	380 VAC	380 VAC
Rated power	kW	1.8	2.6	6.1	3.6	5.2	12.4

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%

LITER

AT 7015-250

250

-70 ~ +180

16.4

15.3

600

700

600

800

2300

1745

<62

Water cooled

380 VAC

16.6

