

## ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY TEMPRATURE TESTING 560

Type		AT 4002-560	AT 4005-560	AT 4010-560	AT 7002-560	AT 7005-560	AT 7010-560
Test space volume	L	560	560	560	560	560	560
<b>Performance for temperature tests</b>							
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	3.1	6.7	12.3	4.3	6.4	12.9
	Cooling K/min	2.1	5.12	10.3	2.1	5.1	10.1
Heat compensation at +20 °C	W						
Heat compensation at -20 °C	W						
Temperature calibration values		-20 & +70					
<b>Performance for climatic tests</b>							
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					
<b>Work space dimensions</b>	Width mm	700/800	700/800	700/800	700/800	700/800	700/800
	Depth mm	1150/900	1150/900	1150/900	1150/900	1150/900	1150/900
	Height mm	700/800	700/800	700/800	700/800	700/800	700/800
<b>External dimensions</b>	Width mm	900/1000	900/1000	900/1000	900/1000	900/1000	900/1000
	Depth mm	2330/2080	2330/2080	2330/2080	2330/2080	2330/2080	2330/2080
	Height mm	1850/1950	1850/1950	1850/1950	1850/1950	1850/1950	1850/1950
Sound pressure level 5)	db(A)	<64	<67	<64	<64	<67	<67
Condensing unit		Air cooled	Air cooled	Water cooled	Air cooled	Air cooled	Water cooled
Electrical connection		380 VAC	380 VAC	380 VAC	380 VAC	380 VAC	380 VAC
Rated power	kW	2.7	3.8	6.9	6.2	7.5	28.1

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 ATM 4002 & from  $T_{\min}$  to +150 ° C for ATM 4004 , ATM 7004
- 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 7015-560

560

-70 ~ +180

16.8

15.3

700/800

1150/900

700/800

900/1000

2330/2080

1850/1950

<69

Water cooled

380 VAC

29.9

