

## ARYA SARMAYESH KNOWLEDGE BASE CO MEDUM

Type		ATC 4002-560	ATC 4005-560
Test space volume	L	400	400
<b>Performance for temperature tests</b>			
Temperature Range	°C	-40 ~ +180	-40 ~ +180
Temperature deviation in time 1)	K		
Temperature homogeneity in space 2)	K		
Temperature rate of change 3)	Heating K/min	3.1	6.7
	Cooling K/min	2.1	5.12
Heat compensation at +20 °C	W		
Heat compensation at -20 °C	W		
Temperature calibration values			
<b>Performance for climatic tests</b>			
Temperature range	°C		
Temperature deviation in time 1)	K		
Temperature homogeneity in space , relative to the set value 4)	K		
Humidity range	%		
Humidity deviation in time 1)	%		
Climatic calibration values			
<b>Work space dimensions</b>	Width mm	700/800	700/800
	Depth mm	1150/900	1150/900
	Height mm	700/800	700/800
<b>External dimensions</b>	Width mm	900/1000	900/1000
	Depth mm	2330/2080	2330/2080
	Height mm	1850/1950	1850/1950
Sound pressure level 5)	db(A)	<64	<67
Condensing unit		Air cooled	Air cooled /Water cooled
Electrical connection		380 VAC	380 VAC
Rated power	kW	2.7	3.8

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

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

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ME SERIES ONLY CLIMATIC TESTING 560 LITER

ATC 4010-560	ATC 7002-560	ATC 7005-560	ATC 7010-560	ATC 7015-560
400	400	400	400	400
-40 ~ +180	-70 ~ +180	-70 ~ +180	-70 ~ +180	-70 ~ +180
± 0.1 to ± 1.0				
± 0.5 to ± 1.5				
12.3	4.3	6.4	12.9	16.8
10.3	2.1	5.1	10.1	15.3
-20 & +70				
+10 to +90				
± 0.1 to ± 0.8				
± 0.5 to ± 2.0				
20 to 98 (6)				
±1.0 to ±3.0 %				
+25 °C /60% RH & +40 °C / 75% RH				
700/800	700/800	700/800	700/800	700/800
1150/900	1150/900	1150/900	1150/900	1150/900
700/800	700/800	700/800	700/800	700/800
900/1000	900/1000	900/1000	900/1000	900/1000
2330/2080	2330/2080	2330/2080	2330/2080	2330/2080
1850/1950	1850/1950	1850/1950	1850/1950	1850/1950
<64	<64	<67	<67	<69
Water cooled	Air cooled	Air cooled	Water cooled	Water cooled
380 VAC	380 VAC	380 VAC	380 VAC	380 VAC
6.9	6.2	7.5	28.1	29.9

t according to EN ISO 11201 .

15%

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