

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY CLIMATIC TESTING 560 LITE

Type		ATC 4002-560	ATC 4005-560	ATC 4010-560	ATC 7002-560	ATC 7005-560	ATC 7010-560
Test space volume	L	400	400	400	400	400	400
Performance for temperature tests							
Temperature Range	°C	-40 ~ +155	-40 ~ +155	-40 ~ +155	-70 ~ +155	-70 ~ +155	-70 ~ +155
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					
Performance for climatic tests							
Temperature range	°C	+10 to +90					
Temperature deviation in time 1)	K	± 0.1 to ± 0.8					
Temperature homogeneity in space , relative to the set value 4)	K	± 0.5 to ± 2.0					
Humidity range	%	20 to 98 (6)					
Humidity deviation in time 1)	%	±1.0 to ±3.0 %					
Climatic calibration values		+25 °C /60% RH & +40 °C / 75% RH					
Work space dimensions		Width mm	700/800	700/800	700/800	700/800	700/800
		Depth mm	1150/900	1150/900	1150/900	1150/900	1150/900
		Height mm	700/800	700/800	700/800	700/800	700/800
External dimensions		Width mm	900/1000	900/1000	900/1000	900/1000	900/1000
		Depth mm	2330/2080	2330/2080	2330/2080	2330/2080	2330/2080
		Height mm	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	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
- 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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ATC 7015-560

400

-70 ~ +155

16.8

15.3

700/800

1150/900

700/800

900/1000

2330/2080

1850/1950

<69

Water cooled

380 VAC

29.9

