

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY TEMPRATURE TESTING 620 LITER

Type		AT 4002-620	AT 4005-620	AT 4010-620	AT 7002-620	AT 7005-620	AT 7010-620	AT 7015-620
Test space volume	L	620	620	620	620	620	620	620
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	3.1	6.7	12.3	4.3	6.4	12.9	16.8
	Cooling K/min	2.1	5.12	10.3	2.1	5.1	10.1	15.3
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	700/800	700/800	700/800	700/800	700/800	700/800	700/800
	Depth mm	1150/950	1150/950	1150/950	1150/950	1150/950	1150/950	1150/950
	Height mm	770/820	770/820	770/820	770/820	770/820	770/820	770/820
External dimensions	Width mm	900/1000	900/1000	900/1000	900/1000	900/1000	900/1000	900/1000
	Depth mm	2385/2185	2385/2185	2435/2235	2385/2185	2385/2185	2435/2235	2435/2235
	Height mm	1920/1970	1920/1970	1970/2020	1920/1970	1920/1970	1970/2020	1970/2020
Sound pressure level 5)	db(A)	<64	<67	<64	<64	<67	<67	<73
Condensing unit		Air cooled	Air cooled	Water cooled	Air cooled	Air cooled	Water cooled	Water cooled
Electrical connection		380 VAC	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	42

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%