

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY CLIMATIC 125 LITER

Type			ATC 4003-125	ATC 4006-125	ATC 4010-125	ATC 7003-125	ATC 7006-125	ATC 7010-125	ATC 7015-125
Test space volume		L	125	125	125	125	125	125	125
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	4.3	6.1	11.1	4.3	6.1	11.1	16.4
		Cooling K/min	3.1	5.9	10.3	3.2	6.1	10.4	15.0
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 ± 0.6						
Temperature homogeneity in space , relative to the set value 4)		K	± 0.5 to ± 1.5						
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	500	500	500	500	500	500	500
		Depth mm	500	500	500	500	500	500	500
		Height mm	500	500	500	500	500	500	500
External dimensions		Width mm	700	700	700	700	700	700	700
		Depth mm	1740	1740	2240	1740	1740	2240	2240
		Height mm	1700	1700	1700	1700	1700	1700	1700
Sound pressure level 5)		db(A)	<61	<62	<61	<63	<64	<62	<62
Condensing unit			Air cooled	Air cooled	Water cooled	Air cooled	Air cooled	Water cooled	Water cooled
Electrical connection			220 VAC	380 VAC	380 VAC	220 VAC	380 VAC	380 VAC	380 VAC
Rated power		kW	1.8	2.6	5.1	3.6	5.2	10.2	14.2

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%

TAJ2464	DLF 201	4FES-3	2*TAJ2464	2*DLF 201	2*4FES-3	2*4DES-5
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