

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY TEMPRAT

Type		AT 4001-1200	AT 4005-1200	AT 4010-1200	AT 7001-1200
Test space volume	L	1200	1200	1200	1200
Performance for temperature tests					
Temperature Range	°C	-40 ~ +180	-40 ~ +180	-40 ~ +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	2.2	6.8	11.3	4.3
	Cooling K/min	1.1	5.03	9.8	1.1
Heat compensation at +20 °C	W				
Heat compensation at -20 °C	W				
Temperature calibration values					-20 & +70
Performance for climatic tests					
Temperature range	°C				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	950/1500	950/1500	950/1500	950/1500
	Depth mm	1150/800	1150/800	1150/800	1150/800
	Height mm	1100/1000	1100/1000	1100/1000	1100/1000
External dimensions					
	Width mm	1150/1700	1150/1700	1150/1700	1150/1700
	Depth mm	2370/2020	2370/2020	2370/2020	2370/2020
	Height mm	2250/2150	2250/2150	2250/2150	2250/2150
Sound pressure level 5)	db(A)				
Condensing unit		Air cooled	Water cooled	Water cooled	Air cooled
Electrical connection		380 VAC	380 VAC	380 VAC	380 VAC
Rated power	kW	3.1	7.3	14.5	6

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%

COMPRESSOR	COMPRESSOR	COMPRESSOR	COMPRESSOR
DLSG 401	4VES 7-40P		2*DLSG 401
HEATER	HEATER	HEATER	HEATER

تایین کیلو وات در دستگاه های سه فاز			
KW	رادیكال 3	آمپر	ولتاژ
11.833	1.73	18	380

PURE TESTING 1200 LITER

AT 7005-1200	AT 7010-1200	AT 7015-1200
1200	1200	1200
-70 ~ +180	-70 ~ +180	-70 ~ +180

6.8	11.3	16.8
5.1	10.1	14.7

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950/1500	950/1500	950/1500
1150/800	1150/800	1150/800
1100/1000	1100/1000	1100/1000
1150/1700	1150/1700	1150/1700
2370/2020	2370/2020	2370/2020
2250/2150	2250/2150	2250/2150

Water cooled	Water cooled	Water cooled
380 VAC	380 VAC	380 VAC
14.2	27.8	34.9

COMPRESSOR	COMPRESSOR	COMPRESSOR
1*4VES 7-40P		
1*4PES 12-40P		
5*2000	HEATER	HEATER
1*3000		