

## ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY TEMPRAT

Type		AT 4001-2000	AT 4005-2000	AT 4010-2000	AT 7001-2000
Test space volume	L	2000	2000	2000	2000
<b>Performance for temperature tests</b>					
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
<b>Performance for climatic tests</b>					
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
<b>Work space dimensions</b>					
	Width mm	950/1500	950/1500	950/1500	950/1500
	Depth mm	2000/1220	2000/1220	2000/1220	2000/1220
	Height mm	1050/1100	1050/1100	1050/1100	1050/1100
<b>External dimensions</b>					
	Width mm	1150/1700	1150/1700	1150/1700	1150/1700
	Depth mm	3220/2440	3220/2440	3220/2440	3220/2440
	Height mm	2200/2250	2200/2250	2200/2250	2200/2250
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 2000 LITER

AT 7005-2000	AT 7010-2000	AT 7015-2000
2000	2000	2000
-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
2000/1220	2000/1220	2000/1220
1050/1100	1050/1100	1050/1100
1150/1700	1150/1700	1150/1700
3220/2440	3220/2440	3220/2440
2200/2250	2200/2250	2200/2250

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		