

ARYA SARMAYESH KNOWLEDGE BASE CO MEDUME SERIES ONLY CLIMATIC TESTING 400 LITER

Type			ATC 4002-400	ATC 4005-400	ATC 4010-400	ATC 7002-400	ATC 7005-400	ATC 7010-400	ATC 7015-400
Test space volume			L	400	400	400	400	400	400
Performance for temperature tests									
Temperature Range			°C	-40 ~ +180	-40 ~ +180	-40 ~ +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		4.1	6.2	11.1	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			15000			
Heat compensation at -20 °C			W	3580					
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	600	600	600	600	600	600
			Depth mm	1150	1150	1150	1150	1150	1150
			Height mm	600	600	600	600	600	600
External dimensions			Width mm	800	800	800	800	800	800
			Depth mm	2160	2160	2300	2160	2160	2300
			Height mm	1745	1745	1745	1745	1745	1745
Sound pressure level 5)			db(A)	<64	<67	<64	<64	<67	<69
Condensing unit				Air cooled	Air 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	2.6	3.1	6.1	5.2	6.5	27.1

