

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 |
|---|---------------|----------------------------------|--------------|--------------|--------------|--------------|--------------|
| Test space volume | L | 125 | 125 | 125 | 125 | 125 | 125 |
| Performance for temperature tests | | | | | | | |
| Temperature Range | °C | -40 ~ +155 | -40 ~ +155 | -40 ~ +155 | -70 ~ +155 | -70 ~ +155 | -70 ~ +155 |
| 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 |
| | Cooling K/min | 3.1 | 5.9 | 10.3 | 3.2 | 6.1 | 10.4 |
| 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 |
| | | Depth mm | 500 | 500 | 500 | 500 | 500 |
| | | Height mm | 500 | 500 | 500 | 500 | 500 |
| External dimensions | | Width mm | 700 | 700 | 700 | 700 | 700 |
| | | Depth mm | 1740 | 1740 | 2240 | 1740 | 2240 |
| | | Height mm | 1700 | 1700 | 1700 | 1700 | 1700 |
| Sound pressure level 5) | db(A) | <61 | <62 | <61 | <63 | <64 | <62 |
| Condensing unit | | Air cooled | Air cooled | Water cooled | Air cooled | Air cooled | Water cooled |
| Electrical connection | | 220 VAC | 380 VAC | 380 VAC | 220 VAC | 380 VAC | 380 VAC |
| Rated power | kW | 1.8 | 2.6 | 5.1 | 3.6 | 5.2 | 10.2 |

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%

ATC 7015-125

125

-70 ~ +155

16.4

15.0

500

500

500

700

2240

1700

<62

Water cooled

380 VAC

14.2

