

# ARYA SARMAYESH KNOWLEDGE BASE CO ATUA SERIES ONLY DRYING OVEN EX

| Oven Type                           |  |  | ATUA 100/100  | ATUA 75/100                 | ATUA 70/85          | ATUA 60/85          | ATUA 60/65          | ATUA 50/55          | ATUA 50/45          | ATUA 50/40          | ATUA 50/35          |      |
|-------------------------------------|--|--|---------------|-----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|
| Test space volume                   |  |  | L             | 1000                        | 712                 | 416                 | 300                 | 214                 | 110                 | 90                  | 80                  | 60   |
| Performance for temperature tests   |  |  |               |                             |                     |                     |                     |                     |                     |                     |                     |      |
| Temperature Range                   |  |  | °C            | Ambiant+7 ~ +90             | Ambiant+7 ~ +90     | Ambiant+7 ~ +90     | Ambiant+7 ~ +90     | Ambiant+7 ~ +90     | Ambiant+7 ~ +90     | Ambiant+7 ~ +90     | Ambiant+7 ~ +90     |      |
| Temperature deviation in time1)     |  |  | 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 | 1.7                         | 1.7                 | 1.7                 | 1.9                 | 1.8                 | 2.1                 | 2.2                 | 2.3                 | 2.2  |
| Temperature calibration values      |  |  | °C            | +50 & +70                   |                     |                     |                     |                     |                     |                     |                     |      |
| Work space dimensions               |  |  | Width mm      | 1000                        | 750                 | 700                 | 600                 | 600                 | 500                 | 500                 | 500                 | 500  |
|                                     |  |  | Depth mm      | 1000                        | 950                 | 700                 | 600                 | 550                 | 400                 | 400                 | 400                 | 350  |
|                                     |  |  | Height mm     | 1000                        | 1000                | 850                 | 850                 | 650                 | 550                 | 450                 | 400                 | 350  |
| External dimensions                 |  |  | Width mm      | 1280                        | 1030                | 980                 | 880                 | 880                 | 780                 | 780                 | 780                 | 780  |
|                                     |  |  | Depth mm      | 1180                        | 1130                | 880                 | 780                 | 730                 | 630                 | 630                 | 630                 | 630  |
|                                     |  |  | Height mm     | 1910                        | 1910                | 1760                | 1760                | 1560                | 1460                | 1360                | 1310                | 1260 |
| Number of shelfve                   |  |  | 5             | 4                           | 4                   | 3                   | 3                   | 2                   | 2                   | 2                   | 2                   |      |
| Sound pressure level 5)             |  |  | db(A)         |                             |                     |                     |                     |                     |                     |                     |                     |      |
| Oven unit net weight                |  |  | Kg            |                             |                     |                     |                     |                     |                     | 171.7               |                     |      |
| Heating method                      |  |  |               | Ethylen circulation         | Ethylen circulation | Ethylen circulation | Ethylen circulation | Ethylen circulation | Ethylen circulation | Ethylen circulation | Ethylen circulation |      |
| Ethylen Unit dimensions             |  |  | Width mm      | 780                         | 780                 | 780                 | 780                 | 780                 | 780                 | 780                 | 780                 | 780  |
|                                     |  |  | Depth mm      | 500                         | 500                 | 500                 | 500                 | 500                 | 500                 | 500                 | 500                 | 500  |
|                                     |  |  | Height mm     | 500                         | 500                 | 500                 | 500                 | 500                 | 500                 | 500                 | 500                 | 500  |
| Ethylen Unit type                   |  |  |               | ATUAEU-9000                 | ATUAEU-9000         | ATUAEU-6000         | ATUAEU-4500         | ATUAEU-3000         | ATUAEU-3000         | ATUAEU-3000         | ATUAEU-3000         |      |
| Ethylen boiling temperature 4)      |  |  | °C            | 155                         | 155                 | 155                 | 155                 | 155                 | 155                 | 155                 | 155                 |      |
| Ethylen tank volume                 |  |  | L             |                             |                     |                     |                     | 17.5                | 17.5                | 17.5                | 17.5                |      |
| Ethylen heater power                |  |  | W             | 6*1500                      | 6*1500              | 4*1500              | 3*1500              | 2*1500              | 2*1500              | 2*1500              | 2*1500              |      |
| Ethylen unit net weight             |  |  | Kg            | 46                          | 46                  | 44                  | 43                  | 40                  | 40                  | 40                  | 40                  |      |
| Ethylen unit weight with liquid     |  |  | Kg            | 63.5                        | 63.5                | 61.5                | 60.5                | 57.5                | 57.5                | 57.5                | 57.5                |      |
| Electrical Box Unit dimensions      |  |  | Width mm      | 500                         | 500                 | 500                 | 500                 | 500                 | 500                 | 500                 | 500                 | 500  |
|                                     |  |  | Depth mm      | 270                         | 270                 | 270                 | 270                 | 270                 | 270                 | 270                 | 270                 | 270  |
|                                     |  |  | Height mm     | 600                         | 600                 | 600                 | 600                 | 600                 | 600                 | 600                 | 600                 | 600  |
| Electrical box type                 |  |  |               | ATUAB-9000                  | ATUAB-9000          | ATUAB-6000          | ATUAB-4500          | ATUAB-3000          | ATUAB-3000          | ATUAB-3000          | ATUAB-3000          |      |
| Electrical box net weight           |  |  | Kg            | 29                          | 29                  | 28.5                | 28                  | 27.5                | 27.5                | 27.5                | 27.5                |      |
| Electrical connection               |  |  |               | 3/N/PE AC 380 V ± 10% 50 HZ |                     |                     |                     |                     |                     |                     |                     |      |
| Rated power                         |  |  | kW            | 3.6                         | 3.6                 | 3.6                 | 2.1                 | 2.1                 | 2.1                 | 2.1                 | 2.1                 | 2.1  |

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 for ATUA series
- 3) In accordance with IEC 60068-3-5
- 4) Only if used Atigel 10060708 KG28
- 5) Measured in 1 m distance from the front and in 1.6 m height at free field measurement according to EN ISO 11201 .