# Model ED-S 56 | Drying and heating chambers with gravity convection

**The new products in the Solid.Line impress with their tried-and-tested BINDER quality and reliability. They are suited to drying and heating. The attributes of the Solid.Line are geared towards the application in question and therefore used in research and quality assurance.**

## BENEFITS

- Easy handling
- Accurate temperature control
- Simple and ergonomic door opening




Model 56

## IMPORTANT FEATURES

- Temperature range: +7°C above ambient temperature to +250 °C
- APT.line™ preheating chamber technology
- Natural convection
- Adjustable exhaust air flap
- Controller with timer function
- 1 chrome-plated rack, incl. shelf supports
- Class 2 integrated independent adjustable temperature safety device (DIN 12880) with visual alarm

## ORDERING INFORMATION

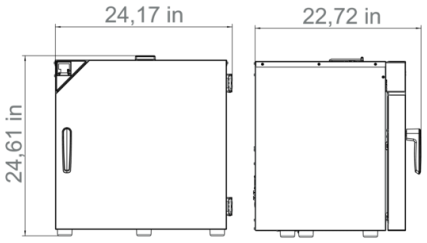
| Interior volume | | Power supply - unit fuse | Plug* | Version | Model version | Art.-No. |
|---|---|---|---|---|---|---|
| [cu.ft.] | [L] | | | | | |
| **Model ED-S 56** | | | | | | |
| 2 | 62 | 230 V 1~ 50/60 Hz -6,3 A | CEE 7/7 | Standard | EDS056-230V | 9090-0014 |
| | | 120 V 1~ 60 Hz -6,3 A | NEMA 5-15 | Standard | EDS056UL-120V | 9090-0015 |

## TECHNICAL DATA

| | | |
|---|---|---|
| **Data** | | |
| Article Number | 9090-0014 | 9090-0015 |
| Designation | EDS056-230V | EDS056UL-120V |
| Option model | Standard | Standard |
| **Performance Data Temperature** | | |
| Temperature range | +7 °C above ambient temperature to 250 °C | +7 °C above ambient temperature to 250 °C |
| Temperature uniformity at 150°C | 3.4 ± K | 3.4 ± K |
| Temperature fluctuation at 150°C | 0.8 ± K | 0.8 ± K |
| Heating up time to 150°C | 60 min | 60 min |
| Recovery time after door was opened for 30 s at 150°C | 45 min | 45 min |
| **Electrical data** | | |
| Rated Voltage | 230 V | 120 V |
| Power frequency | 50/60 Hz | 60 Hz |
| Nominal power | 1,05 kW | 1,15 kW |
| Unit fuse | 6,3 A | 6,3 A |
| Phase (Nominal voltage) | 1~ | 1~ |
| **Dimensions and weights** | | |
| Interior volume | 2 cu.ft. | 2 cu.ft. |
| Net weight of the unit (empty) | 79 lbs | 79 lbs |
| Load per rack | 33 lbs | 33 lbs |
| Permitted load | 99 lbs | 99 lbs |
| Wall clearance back | 6,3 in | 6,3 in |
| Wall clearance sidewise | 3,94 in | 3,94 in |
| **Housing dimensions not incl. fittings and connections** | | |
| Width net | 24.17 in | 24.17 in |
| Height net | 24.61 in | 24.61 in |
| Depth net | 22.72 in | 22.72 in |
| **Internal Dimensions** | | |
| Interior width | 15.75 in | 15.75 in |
| Interior height | 17.32 in | 17.32 in |

| | | |
|---|---|---|
| Interior depth | 13.78 in | 13.78 in |
| Unit doors | 1 | 1 |
| **Environment-specific data** | | |
| Energy consumption at 150°C | 210 Wh/h | 210 Wh/h |
| **Fixtures** | | |
| Number of shelves (std./max.) | 1/3 | 1/3 |

## DIMENSIONS Incl. fittings and connections [mm]




## ACCESSORIES

| Designation | Description | ED-S 56 | * | Art.-No. |
|---|---|---|---|---|
| Grid shelf | Incl. shelf supports | | | |
| | chrome plated | • | - | 8012-1807 |
| pH-neutral detergent | concentrated, for gentle remove of residual contaminants; 1 kg | • | - | 8012-2250 |
| Rubber pads | set anti-slip feet | • | - | 8012-2030 |

## SERVICES

| Designation | Description | * | Art.-No. |
|---|---|---|---|
| **Calibration services** | | | |
| Temperature calibration | Calibration of one (1) test temperature specified by the user in center of chamber, including certificate Travel to be quoted separate. | 05 | DL30-0110 |
| | Extension of calibration of one (1) additional test temperature specified by the user in the center of the usable space, including certificate Travel to be quoted separate. | 05 | DL30-0102 |
| Temperature measurement, 9 measuring points | Temperature measurement with 9 measuring points with a set value specified by the user, including certificate. Travel to be quoted separate. A total of 3 shelves are required. | 05 | DL30-0109 |
| Temperature measurement, 27 measuring points | Temperature measurement with 27 measuring points with a set value specified by the user, including certificate. Travel to be quoted separate. A total of 3 shelves are required. | 05 | DL30-0127 |

| Designation | Description | * | Art.-No. |
|---|---|---|---|
| **Installation services** | | | |
| Unit installation | Connect the unit to the customer-side connections (electricity, water, wastewater, gas), basic functions check, brief operating instructions. (excl.: unpacking, setup, controller instructions, programming, installation work) Travel to be quoted as separate. | 05 | DL10-0160 |
| Unit instructions | Instruction regarding operating principle and basic functions of the unit, operation of the control electronics including programming. Travel to be quoted as separate Limited to 3 hours. | 05 | DL10-0530 |
| **Maintenance services** | | | |
| BRONZE 3-year maintenance contract | Annual Device Inspection Includes Preventive Maintenance with Calibration Certificate. 10% Discount on Spare Parts and Labor for any additional Services needed Wear + tear parts to be purchased or billed to customer. Travel to be quoted as separate. | 05 | DL20-0720 |
| GOLD 3-year maintenance contract | Annual Device Inspection Includes Preventive Maintenance with Calibration Certificate of Temperature. 25% Discount on Spare Parts and Labor for any additional Services needed. One additional courtesy visit per year can be used for service visit or operator. Wear + tear parts to be purchased or billed to customer. Travel to be quoted separate. | 05 | DL20-0915 |
| Preventive maintenance | One-off maintenance service in accordance with maintenance schedule. Visual inspection of mechanical and electrical components, testing of all key functions. Checking a test temperature specified by the user in center of usable space without certificate. Wear + tear parts need to be purchased or billed to customer. Travel to be quoted as separate. | 05 | DL20-0601 |
| SILVER 3-year maintenance contract | Annual Device Inspection Includes Preventive Maintenance with Calibration Certificate 15% Discount on Spare Parts and Labor for any additional Services needed One additional courtesy visit per year can be used for service visit or operator training. Wear + tear parts to be purchased or billed to customer. Travel to be quoted separate. | 05 | DL20-0815 |
| **Warranty service** | | | |
| 1-year warranty extension | The warranty is extended by 1 year from the delivery date, wear parts are excluded | 05 | DL50-0010 |

## NOTES

05 Quoted prices do not include travel costs. Please refer to the chapter on BINDER Service for travel costs for your region. Quoted prices for services performed in Switzerland do not include a country-specific added fee (available on request).

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