

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

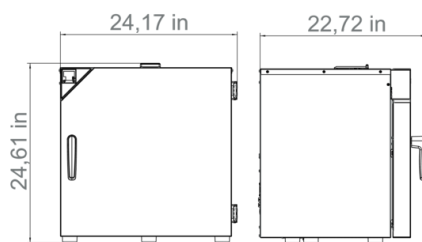
| Interior volume | Power supply - unit fuse | Plug* | Version | Model version | Art.-No. |
|----------------------|--------------------------|--------------------------|-----------|---------------|-------------------------|
| [L] | [L] | | | | |
| Model ED-S 56 | | | | | |
| 62 | 62 | 230 V 1~ 50/60 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 | | |
|-------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Designation | EDS056-230V | EDS056UL-120V |
| Article Number | 9090-0014 | 9090-0015 |
| 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 | 62 L | 62 L |
| Net weight of the unit (empty) | 36 kg | 36 kg |
| Load per rack | 15 kg | 15 kg |
| Permitted load | 45 kg | 45 kg |
| Wall clearance back | 160 mm | 160 mm |
| Wall clearance sidewise | 100 mm | 100 mm |
| Housing dimensions not incl. fittings and connections | | |
| Width net | 614 mm | 614 mm |
| Height net | 625 mm | 625 mm |
| Depth net | 577 mm | 577 mm |
| Internal Dimensions | | |
| Interior width | 400 mm | 400 mm |
| Interior height | 440 mm | 440 mm |

| | | |
|----------------------------------|----------|----------|
| Interior depth | 350 mm | 350 mm |
| 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]



OPTIONS

No data found.

ACCESSORIES

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

SERVICES

| Designation | Description | * | Art.-No. |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------|
| Calibration services | | | |
| Temperature calibration | 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. | - | 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. | - | DL30-0109 |

| Designation | Description | * | Art.-No. |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------|
| 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. | – | DL30-0127 |
| 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. | – | DL10-0100 |
| 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. | – | DL10-0500 |
| Warranty service | | | |
| 1-year warranty extension | The warranty is extended by 1 year from the delivery date, wear parts are excluded | – | DL50-0010 |

BINDER GmbH

Tuttlingen, Germany
TEL +49 7462 2005 0
FAX +49 7462 2005 100
info@binder-world.com
www.binder-world.com

BINDER Inc.

Bohemia, NY, USA
TEL +1 631 224 4340
FAX +1 631 224 4354
usa@binder-world.com
www.binder-world.us

**BINDER Environmental Testing
Equipment (Shanghai) Co., Ltd.**

Shanghai, P.R. China
TEL +86 21 685 808 25
FAX +86 21 685 808 29
china@binder-world.com
www.binder-world.com

BINDER Asia Pacific (Hong Kong) Ltd.

Kowloon, Hong Kong, P.R. China
TEL +852 39070500
FAX +852 39070507
asia@binder-world.com
www.binder-world.com