

## PRODUCT DATA SHEET

Standing: 2023-02-21

LAUDA Puridest PD 4 G

Water still 230 V; 50/60 Hz

Part Number: L003018

### Features

- Glass Water Still for single distillation (fully automatic), suitable for both bench and wall mounting
- Distillate withdrawal through hose connection at the right-hand side.
- Evaporators, condensers and overflows are made of DURAN® / Borosilicate glass 3.3.
- Condensers with dribble guard.
- Sterillisation of the condensers by steam.
- Solenoid valve to control the water supply
- Economical energy consumption by distillation of the heated cooling water.
- Water saving through automatic water cut-off. Unnecessary water consumption will be avoided.
- Visible distillation process due to the easily removable, unbreakable front screen which does not steam up.
- CO<sub>2</sub> degassing through outlet in the condenser.
- Electronic level control during the whole distilling process.
- Water level control in the boiler automatically switches off the power in case of water shortage.
- Electronic impurity detector effects rinsing and cleaning of the evaporator by automatic water change.
- Quartz sheathed heating elements.
- Housing made of galvanised sheet steel, powder coated



Reserve technical changes

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WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

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LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
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Registergericht Mannheim • HRB 560226

Geschäftsführer:  
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,  
Dr. Ralf Hermann, Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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|                                        |                                      |
|----------------------------------------|--------------------------------------|
| Conductivity stage 1 /25 °C            | 2.2 µS/cm                            |
| Production output                      | 4 L/h                                |
| Heater power max.                      | 3 kW                                 |
| Power consumption max.                 | 3 kW                                 |
| Cooling water flow rate                | 1.2 L/min                            |
| Pressure difference cooling water min. | 3 bar                                |
| Maximal pressure cooling water         | 7 bar                                |
| Wasserkühlung Zulauf für Schlauch      | 1/2 "                                |
| Wasserkühlung Ablauf für Schlauch      | 1/2 "                                |
| Overall dimensions (WxDxH)             | 650 x 200 x 390 mm                   |
| Weight                                 | 16 kg                                |
| Ambient temperature range              | 10 ... 40 °C                         |
| Power supply                           | 230 V; 50/60 Hz                      |
| Power plug                             | Power cord with angled plug (CEE7/7) |

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