

2102 - 2108

■ Operation and Service Friendly

Double Distillers 2102 – 2108 are produced of a material combination of stainless steel / glass, without storage tank. Operating fully automatic, they produce two, four or eight litres of distillate per hour, depending on the model.



A stop valve made of Borosilicate glass 3.3 enables mono distillate to be withdrawn

2104 Double Distiller 4 l / h, for bench and wall mounting

Control panel with clear symbols for easy monitoring of operation



Specifications and Features

- ▶ excellent distillate quality, conductivity of mono-distillate approx. 2.2 $\mu\text{s} / \text{cm}$ at 25 °C; conductivity of bi-distillate approx. 1.6 $\mu\text{s} / \text{cm}$ at 25 °C
- ▶ evaporator and baffle of the mono stage are easily accessible by lifting the condensers. Material: stainless steel, material no. 1.4301
- ▶ condensers (coolers):
1st stage made of stainless steel, material no. 1.4301;
2nd stage including baffle made of DURAN® / Borosilicate glass 3.3
- ▶ heating elements made of stainless steel, material no. 1.4876
- ▶ water supply through built-in solenoid valve with connection for water pressure hose 1/2 inch (inner \varnothing 12.7 mm) •
- ▶ required cooling water pressure: > 3 bar to max. 7 bar. After switching on the main switch the solenoid valve opens the water supply
- ▶ cooling water outlet with hose connection 3/4 inch (inner \varnothing 19 mm). Water that has not been condensed flows off through the cooling water outlet •
- ▶ energy-saving through distillation of the heated cooling water
- ▶ distillate withdrawal:
stop valve made of Borosilicate glass 3.3 with PTFE plunger for mono distillate, outlet with dust guard shield made of Borosilicate glass 3.3 for bi-distillate
- ▶ low water cut-off: float switch and thermostatic over-temperature cut-out
- ▶ an electronic impurity detector switches the unit off in case of high degree impurities in the 1st stage evaporator, the red pilot lamp "Clean" will glow
- ▶ degassing of carbon dioxide through vent on the condensers
- ▶ main switch and pilot lamps to monitor both distillation stages are on the front of the unit
- ▶ two-part housing made of electrolytically galvanized sheet steel, electrostatically powder-coated with epoxy resin; upper part easily removable through quick-release catches
- ▶ power connection through connection cable

Technical data

| Model Order No. | Capacity l / h | Cooling water requirement l / h approx. | Exterior dimensions mm approx. | | | Electrical connection* | Weight kg approx. | | Packing volume approx. m ³ |
|-----------------|----------------|---|--------------------------------|-------|--------|---|-------------------|---------------------|---------------------------------------|
| | | | Width | Depth | Height | | net | gross cardboard box | |
| 2102 | 2 | 72 | 500 | 260 | 470 | 230 V / 50...60 Hz / 3.5 kW | 18 | 26 | 0.26 |
| 2104 | 4 | 120 | 550 | 280 | 570 | 400 V / 3ph/N/PE / 50...60 Hz / 7.0 kW three-phase current | 23 | 35 | 0.34 |
| 2108 | 8 | 198 | 700 | 390 | 700 | 400 V / 3ph/N/PE / 50...60 Hz / 11.5 kW three-phase current | 39 | 55 | 0.62 |

* Other voltages available on request

• Tubes for water inlet and outlet can be supplied as accessories.

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