

# FCTA30101



## Peltier - Type Chiller

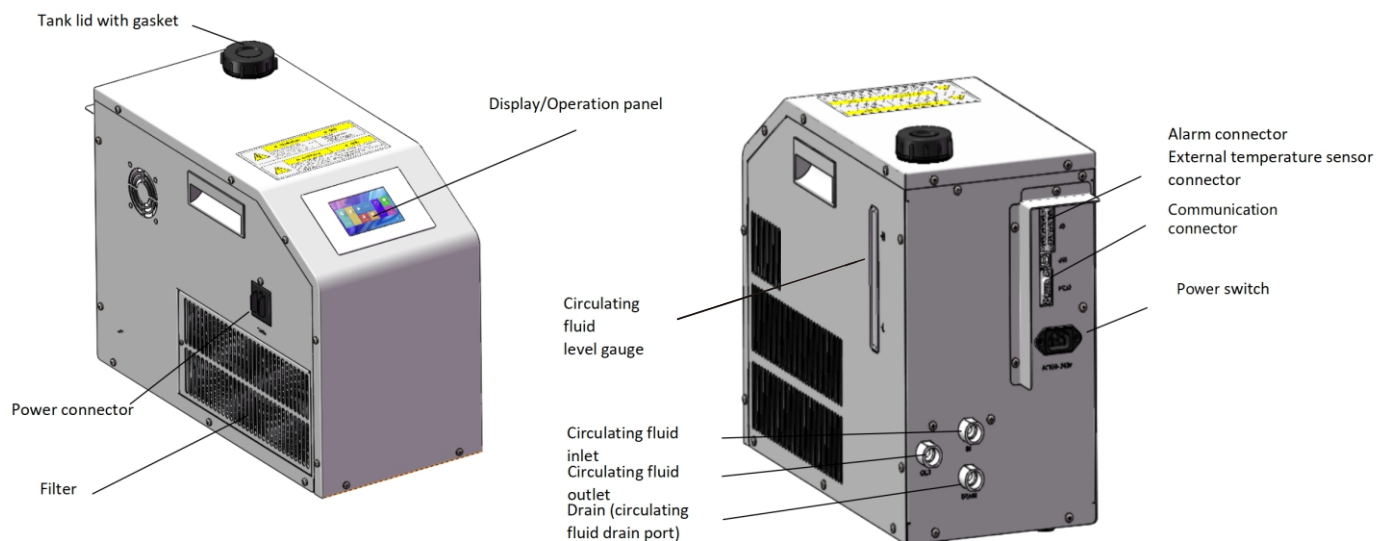
|                              |                             |                                             |                                            |
|------------------------------|-----------------------------|---------------------------------------------|--------------------------------------------|
| Model                        |                             | FCTA30101                                   |                                            |
| Cooling method               |                             | Thermoelectric device (Thermo-module)       |                                            |
| Radiating method             |                             | Forced air cooling                          |                                            |
| Control method               |                             | Cooling/Heating automatic shift PID control |                                            |
| Ambient temperature/humidity |                             | 10~35°C, 35~80%RH                           |                                            |
| Circulating Fluid System     | Circulating fluid           |                                             | DI Water                                   |
|                              | Operating temperature range |                                             | 10.0 ~ 60.0° C                             |
|                              | Cooling capacity            |                                             | 320W (25°C) ※ 1                            |
|                              | Heating capacity            |                                             | 780W (25°C) ※ 1                            |
|                              | Temperature stability       |                                             | ±0.05° C ※ 2                               |
|                              | Pump                        |                                             | Magnetic drive pump 22L/min, 11m lift      |
|                              | Tank capacity               |                                             | Approx. 3.0L                               |
|                              | Port size                   | IN/OUT                                      | G3/8                                       |
|                              |                             | Drain                                       | G3/8 (with plug)                           |
|                              | Wetted parts material       |                                             | Stainless steel 304, EPDM, PE, ABS         |
| Electrical System            | Power supply                |                                             | Single-phase 100 to 240 VAC ±10%, 50/60 Hz |
|                              | Overcurrent protector       |                                             | 13.5A                                      |
|                              | Current consumption         |                                             | 6A (100 V) ~ 2.2 A (240 V)                 |
|                              | Communications              |                                             | I/O, ETH, RS232, RS485                     |
| Weight                       |                             | Approx18.0kg                                |                                            |
| Accessories                  |                             | Power cable                                 |                                            |
| Safety standards             |                             | EN60204-1 CE marking                        |                                            |

※ 1 Ambient temperature 25°C, Set temperature 25°C, Circulating fluid flow rate 5.5L/min

※ 2 Under stable load without turbulence

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## Parts Description



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