

## PRODUCT DATA SHEET

Standing: 2024-10-16

UC-2400 2 SP5 MB DN80 °C

Circulation chiller 400 V; 3/PE; 50 Hz

Part Number: E6240222-0100

### Features

- Highly efficient industrial chiller
- Protection level IP 54 (for outdoor installation)
- Industrial block pump with high pressure and high flow rate
- Integrated water filter
- Inlet and outlet water connections in stainless steel
- Operates with non flammable liquids (water, water/glycol)

### Options included

- Reinforced pump
- Modbus connectivity



Working temperature min.  
-5 °C



Working temperature max.  
25 °C

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

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Persönlich haftende Gesellschafterin:  
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Geschäftsführer:  
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,  
Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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Technical Features

|                                        |                                             |
|----------------------------------------|---------------------------------------------|
| Working temperature range              | -5 ... 25 °C                                |
| Ambient temperature range              | -15 ... 45 °C                               |
| Temperature stability                  | 2 ± K                                       |
| Filling volume max.                    | 500 L                                       |
| Pump Pressure max.                     | 8,1 bar                                     |
| Pump Pressure nominal                  | 5.4 bar                                     |
| Pump flow rate max. (pressure)         | 967 L/min                                   |
| Pump flow rate nominal                 | 733 L/min                                   |
| In / Outlet connection thread (inside) | DIN-2566 DN80                               |
| Overall dimensions (WxDxH)             | 1660 x 3585 x 2090 mm                       |
| Refrigerant stage 1                    | R-407C (GWP 1770); 34.000 kg; 60.2 t CO2-eq |
| Power supply                           | 400 V; 3/PE; 50 Hz                          |

| Temperature | Cooling Capacity 50 Hz |
|-------------|------------------------|
| 25 °C       | 336.9 kW               |
| 20 °C       | 336.9 kW               |
| 15 °C       | 308.8 kW               |
| 10 °C       | 265 kW                 |
| 5 °C        | 223.1 kW               |
| 0 °C        | 182.8 kW               |
| -5 °C       | 148.2 kW               |

Reserve technical changes

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