

FT402 Immersion Cooler

with immersion probe for rapid cooling of liquids

JULABO immersion coolers are primarily employed for countercooling open bath circulators to ambient temperature or below as well as for rapidly cooling liquids. JULABO immersion coolers have a small footprint and represent an economic solution preventing tap water usage for cooling. Ease of operation make this model series the ideal instruments for a variety of cooling applications.

Your advantages

- Rapid cooling of liquids down to low temperatures
- Counter-cooling of liquids in combination with heating circulators
- Environmentally friendly by saving precious tap water
- User-friendly operation and handling
- Compact design, small footprint
- Dry ice substitution
- Environmentally friendly by conserving precious tap water
- Integrated temperature control and display
- With external Pt100 sensor (200 x 6 mm dia., stainless steel)



Technical Data

| | | | | | | | | | | | |
|--|---|------|------|------|-----|-----|----|------|------|------|------|
| Order No. | 9650842 | | | | | | | | | | |
| Model series | FT Series | | | | | | | | | | |
| Category | Immersion Coolers | | | | | | | | | | |
| Working temperature range (°C) | -40 ... +30 | | | | | | | | | | |
| Temperature stability (°C) | ±0.5 | | | | | | | | | | |
| Temperature Display | LED | | | | | | | | | | |
| Cooling capacity (Medium Ethanol) | <table border="1"> <tr> <td>°C</td> <td>20</td> <td>10</td> <td>-20</td> <td>-40</td> </tr> <tr> <td>kW</td> <td>0.45</td> <td>0.36</td> <td>0.14</td> <td>0.03</td> </tr> </table> | °C | 20 | 10 | -20 | -40 | kW | 0.45 | 0.36 | 0.14 | 0.03 |
| °C | 20 | 10 | -20 | -40 | | | | | | | |
| kW | 0.45 | 0.36 | 0.14 | 0.03 | | | | | | | |
| Refrigerant stage 1 | R404A | | | | | | | | | | |
| Filling volume refrigerant stage 1 (g) | 184 | | | | | | | | | | |
| Global Warming Potential for R404A | 3922 | | | | | | | | | | |
| Carbon dioxide equivalent stage 1 (t) | 0.722 | | | | | | | | | | |
| Ambient temperature | 5...35 °C | | | | | | | | | | |
| Dimensions W x L x H (cm) | 20 x 30 x 43 | | | | | | | | | | |
| Weight (kg) | 24 | | | | | | | | | | |
| Order information | Refrigerant: 115V/60Hz = R134a ; 230V/50Hz = R404a. | | | | | | | | | | |
| Cooling of compressor | Air | | | | | | | | | | |
| Immersion probe | 12 x 5 | | | | | | | | | | |
| Connection tube (L) cm | 120 | | | | | | | | | | |
| Available voltage versions | 230 V / 50 Hz 115 V / 60 Hz | | | | | | | | | | |