



RU-200 and RU-500 models

Dip and Flow Coolers

The Techne Dip and Flow Coolers work in conjunction with a Techne thermoregulator (see pages 24 and 25). The bath liquid flows through the unit which continually extracts heat from the bath fluid by means of the heat exchanger which is built into the unit. The cooling head of the Techne Dip Cooler fits neatly and unobtrusively into the corner of the bath and can be secured with a specially designed mounting bracket (supplied).

Techne Dip and Flow coolers are designed for use when ambient temperatures down to -35°C are required.

- Four models
- Compact refrigeration units for achieving temperatures down to -35°C *
- Cooling head of the Dip Cooler fits neatly into the corner of a Techne liquid bath (RU Series Dip Coolers)
- Designed for use with Techne liquid baths

Technical Specification

| Cooling (at 20°C ambient) | FC-200 | FC-500 | RU-200 | RU-500 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| Minimum achievable temperature | -20°C | -35°C | -20°C | -35°C |
| Cooling capacity: 20°C (Watts) | 140W | 210W | 145W | 240W |
| Cooling capacity: 0°C (Watts) | 140W | 210W | 145W | 240W |
| Cooling capacity: -10°C (Watts) | 110W | 200W | 110W | 230W |
| Internal capacity (ml) | 200ml | 200ml | – | – |
| Nominal dimensions (excluding handles/coil) Overall (mm) - width | 235 | 370 | 235 | 370 |
| length | 420 | 430 | 420 | 430 |
| height | 300 | 325 | 300 | 325 |
| Coil dimensions (mm) length | – | – | 85 | 85 |
| diameter | – | – | 75 | 75 |
| Hose length to coil (mm) | – | – | 1250 | 1250 |
| Shipping weight | 19 | 39 | 19 | 39 |

*At an ambient of 20°C , using a mixture of 40% water, 40% antifreeze and 20% ethanol



FC-200

Ordering Information

| Model [#] | Product Code | Description |
|-------------------------------------|--------------|---|
| Circulators and flow coolers | | |
| FC-200 | FFC2D | FC-200 flow cooler, -20°C |
| FC-500 | FFC5D | FC-500 flow cooler, -35°C |
| Dip coolers | | |
| RU-200 | FRU2D | RU-200 dip cooler, -20°C |
| RU-500 | FRU5D | RU-500 dip cooler, -35°C |