

# Chiller

## For Big Kahuna and Junior

Chillers can easily be integrated with your Big Kahuna or Junior. They come complete with atmospheric open expansion tanks and optical level indicators. In addition, our integrated chillers come complete with variable speed pumps all contained in a stainless steel housing.

### Specifications

#### Huber Petit Fleur chiller (PN: F00079)

| Description                     | Specification                           |
|---------------------------------|-----------------------------------------|
| Operating temperature range     | -40–200 °C                              |
| Temperature stability at -10 °C | 0.01 K                                  |
| Refrigeration machine           | Air-cooled, natural refrigerant         |
| Maximum delivery pressure       | 0.9 bar                                 |
| Physical                        | 260 mm W x 450 mm D x 504 mm H          |
| Minimum ambient temperature     | 5 °C                                    |
| Maximum ambient temperature     | 40 °C                                   |
| Minimum filling capacity        | 1.5 L                                   |
| Filling capacity expansion tank | 2 L                                     |
| Calibration                     | 5 point                                 |
| Ramp function                   | Linear or non-linear                    |
| Program                         | 10 separate programs (100 step maximum) |



## Huber Unistat 705 chiller (PN: V17546)

| Description                     | Specification                     |
|---------------------------------|-----------------------------------|
| Operating temperature range     | -75–250 °C                        |
| Temperature stability at -10 °C | 0.01 K                            |
| Refrigeration machine           | Air-cooled, CFC- and HCFC-free    |
| Maximum delivery pressure       | 0.9 bar                           |
| Physical                        | 425 mm W x 400 mm D x<br>720 mm H |
| Minimum ambient temperature     | 5 °C                              |
| Maximum ambient temperature     | 40 °C                             |
| Minimum filling capacity        | 1.5 L                             |
| Filling capacity expansion tank | 2.8 L                             |



## Mécour thermal block (PN: V165110)

In conjunction with one of the chillers above, the Mécour thermal block allows your Big Kahuna or Junior to automate freeze/thaw cycles.

| Description      | Specification                                   |
|------------------|-------------------------------------------------|
| F/T cycles       | 1–10                                            |
| Temperature      | 5 °C to -60 °C                                  |
| Cooling rate     | 0.1–3 °C/min                                    |
| Number of blocks | Up to 4 blocks compatible with a single chiller |



### Unchained Labs

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