Ladies and Gentlemen: “Cool & The Gang”!

The curtain is raised for LAUDA circulation chillers

Light up every scene: LAUDA circulation chillers always provide the right temperature for external applications, thereby safeguarding their reliable function, be they, for example, reactors, analysis equipment, distilling systems or rotary evaporators.

Air-cooled or water-cooled, with cooling capacities of 250 W to 265 kW and for temperatures ranging between -20 and 80 °C, they are a match for any requirement. From simple and basic applications to demanding thermostating tasks in the laboratory or on the production floor and all the way to the cooling of industrial machinery.

Long lasting and extremely robust, they know how to impress their fans over and over and rarely need to take a break for maintenance. At the same time, they are very economical and help to save precious mains water each and every day. And best of all: They have such a compact design that they can fit on even the smallest stage. So who’s it going to be to showcase their talent to you?
The efficient all-rounder: Variocool

An expert in numerous tasks in the lab and on the production floor.

**Specialist field:** Temperature control of bio-reactors, precision tool machines and lab equipment

**Properties:**
- Cooling output from 600 to 10,000 W
- Working temperature range: -20 to 80 °C

**Special features:**
- Particularly versatile thanks to high-precision control, flexible interface concept, active heating and variable pumping capacities
- Low space requirements
- Color TFT screen with temperature sequence display

The high-performance power pack: Ultracool

For tasks which require maximum power.

**Specialist field:** Cooling of machines in industrial processes (e.g. digital printing, laser cutting and sorting, spot-welding, injection molding)

**Properties:**
- Cooling output from 2 to 265 kW
- Working temperature range: -5 to 25 °C

**Special features:**
- For extreme usage in the outdoors too
- Customer-specific adjustments possible

The one-man show

“LAUDA Ultracool circulation chillers for industrial applications”, brochure available for free at: www.laudacool.com
Variocool advantages at a glance

- Control accuracy up to 0.05 °C
- Process reliability thanks to level monitoring
- Optimizable thanks to options for specific applications (pumps, heating, sound absorption)
- Series USB interface, pressure display, bypass
- Accessories: Flow controller, manifold, shut-off valves, interface modules

The compact long-distance runner: Microcool

The intelligent, resource-saving solution for numerous basic applications in the lab.

Specialist field: Cooling of rotary evaporators, return chillers and distillations in the lab

Properties:
- Cooling output from 250 to 1200 W
- Working temperature range: -10 to 40 °C

Special features:
- Extreme space-saving
- Excellent price-performance ratio

Microcool advantages at a glance

- Optical fill level check
- Series RS232 interface, alarm contact, bypass
- Accessories: Manifold, shut-off valves
For fan mail:
Fax (856) 764-7307

Please call us for a personal consultation for the following device lines:
- LAUDA Microcool
- LAUDA Ultracool
- LAUDA Variocool

We have the following application(s):

Please send us the LAUDA Ultracool brochure via email
Please send us the complete LAUDA catalog

Please complete:
- Company
- Name
- Job Title
- Address
- City/State/Zip
- Country
- Phone
- E-mail

Or visit us online at www.laudacool.com
Select your matching LAUDA Variocool circulation chiller:

**Technical features**

<table>
<thead>
<tr>
<th></th>
<th>VC 600</th>
<th>VC 1200</th>
<th>VC 2000</th>
<th>VC 3000</th>
<th>VC 5000</th>
<th>VC 7000</th>
<th>VC 10000</th>
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<tbody>
<tr>
<td>Working temperature range °C</td>
<td>-20...40 (80)*</td>
<td>-20...40 (80)*</td>
<td>-20...40 (80)*</td>
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<td>-20...40 (80)*</td>
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<td>Temperature stability ±K</td>
<td>0.05</td>
<td>0.05</td>
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<tr>
<td>Cooling output at 20 °C kW</td>
<td>0.60</td>
<td>1.20</td>
<td>2.0</td>
<td>3.0</td>
<td>5.0</td>
<td>7.0</td>
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<tr>
<td>Pump pressure max. bar</td>
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<tr>
<td>Pump flow max. L/min</td>
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<td>28</td>
<td>28</td>
<td>37</td>
<td>37</td>
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</table>

*with optional heater

Select your matching LAUDA Microcool circulation chiller:

**Technical features**

<table>
<thead>
<tr>
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<th>MC 600</th>
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<th>MC 1200 W</th>
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<td>1.20</td>
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<td>1.30</td>
<td>1.30</td>
<td>1.30</td>
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<tr>
<td>Pump flow max. L/min</td>
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<td>35</td>
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You can find more information on LAUDA Ultracool in the free brochure “LAUDA Ultracool Circulation Chillers for Industrial Applications” at: www.laudacool.com