

The right temperature worldwide

**LAUDA**

# Experience excellence.

The LAUDA Proline Edition X:  
X-tremely reliable. Powerful X-tras included.



With Large  
X-package edition:

Remote control  
Command

Wintherm Plus  
software

36-month  
warranty


[www.lauda-proline.com](http://www.lauda-proline.com)

# The classic version outdoes itself.

## The LAUDA Proline Edition X

For more than ten successful years now, the LAUDA Proline name has stood for uncompromisingly reliable thermostating, intuitive operation and high flexibility in the research, application technology and production areas.

On this occasion, we present to you the frequently tried-and-tested heating and cooling thermostats for ranges of -90 to 300 °C at the absolute height of its game: as the Proline Edition X.



With the new design focus and high-value x-tras included.

Now up to 25%  
in savings\*!



# X-tremely reliable – now more powerful than ever.

- **Versatile:** Working temperature range from -90 to 300 °C
- **EasyUse:** simple, intuitive control
- **PowerAdapt system:** Maximum heating performance, up to 3.5 kW depending on the network in use
- **Patented SmartCool system:** Up to 75% energy savings thanks to digital refrigeration management
- **Powerful:** Varioflex pump (pressure-suction pump) with eight pump levels, 0.7 bar pump pressure and 0.4 bar suction performance
- **Flexible:** Interface modules, lateral and rear pump connections
- **Multifunctional:** Simultaneous connection of two external applications possible
- **Variable:** Large selection of accessories
- **Powerful X-tras included at no additional charge**



Proline P 26 C

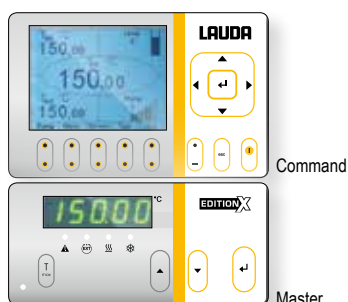
Proline RP 845 C

## An overview of your X-tras:



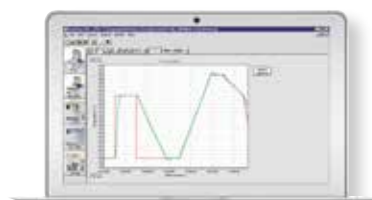
### Includes: Remote control Command

For particularly convenient operation of the LAUDA Proline Edition X at distances as far as 50 meters away. Thanks to the large display, you can effortlessly keep an eye on all of the most important parameters. For comfortable, easy and fast working.



### Includes: Wintherm Plus software

Efficient and convenient: Thanks to control of thermostats via PC



### Includes: 36-month warranty

The almost proverbial LAUDA quality provides reliability and calmness day by day, year on year. Now with 36-month warranty too.



\*compared to the non-binding recommended retail price of previous Proline heating and cooling thermostats in the respective Command version.



# Professional work with the Proline Edition X ...

... thanks to the control of external consumers – remotely too

## Application examples:

e.g. temperature control of chemical reactors, distillation plants and glass condensers, crystallization, measurement setups

## Challenges:

e.g. broader working temperature range, fast heat-

up and cool-down times, simple operation, parallel working, e.g. with two reactors

## Proline Edition X advantages:

high cooling and heating power, powerful pump, self-explanatory menu-guided (remote) control



... thanks to extremely precise thermostating of samples and materials in bath applications



**Application examples:**

e.g. thermostating measurement setups in process technology, chemical probes, calibration of sensors, metal or plastic samples for the material inspection or testing of electronic components

**Proline Edition X advantages:**

Bath sizes from 5 to 50 liters, bath depths of 200 to 450 millimeters, high heating and cooling performance, powerful, multi-level controllable pump, jet tube for optimum recirculation (optional)

**Challenges:**

Depending on the application, large bath, quick temperature change, and high temperature homogeneity and constancy

... thanks to flexible and secure data management

**Challenges:**

Documentation of the measuring and test results, integration of the thermostats into process systems, process security

**Proline Edition X advantages:**

Data collection, documentation and control using Wintherm Plus software, graphical display of measured values, large choice of interfaces (e.g. EtherCAT, Ethernet, RS-232/485, analog module, Profibus, contact modules)



Proline P 26 C

Proline RP 845 C

Proline RP 855 C

# Your path to the ideal solution:

## Proline Edition X heating thermostats

LAUDA Proline heating thermostats								
Technical features		P 5 C	P 8 C	P 12 C	P 18 C	P 26 C	P 40 C	P 50 C
Working temperature range*	°C	35...300	35...300	30...300	30...300	30...300	30...300***	30...300***
Temperature constancy	±K	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Heating power	kW	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Pump pressure max.	bar	0.7	0.7	1.1**	0.7	0.7	0.7	0.7
Pump suction max.	bar	0.4	0.4	–	0.4	0.4	0.4	0.4
Pump flow pressure max.	L/min	25	25	32**	25	25	25	25
Pump flow suction max.	L/min	23	23	–	23	23	23	23
<b>Bath volume</b>	<b>L</b>	<b>3.5...5.5</b>	<b>5.5...8</b>	<b>6.5...13.5</b>	<b>12.5...19</b>	<b>18...27</b>	<b>30...37</b>	<b>35...53</b>
<b>Bath opening/depth</b>	<b>mm</b>	<b>150x50/200</b>	<b>150x150/200</b>	<b>150x150/320</b>	<b>300x200/200</b>	<b>300x350/200</b>	<b>250x270/450</b>	<b>300x750/200</b>
Dimensions (W x D x H)	mm	200x260x510	200x360x510	220x360x630	370x410x510	370x560x510	320x545x766	1025x350x510

All of the voltage options available can be found at [www.lauda-proline.com](http://www.lauda-proline.com)

\* Working temperature range with water cooling 20...300 °C · \*\* Pressure pump, instead of pressure-suction pump equipped with pure pressure pump with increased power · \*\*\* Max. temperature with closed bath only

## Proline Edition X cooling thermostats

LAUDA Proline cooling thermostats									
Technical features		RP 845 C	RP 855 C	RP 870 C	RP 890 C	RP 1290 C	RP 1840 C	RP 1845 C	RP 3530 C
Working temperature range*	°C	-45...200	-55...200	-70...200	-90...200	-88...200	-40...200	-50...200	-35...200
Temperature constancy	±K	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.02
Heating power	kW	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
<b>Cooling output at 20 °C</b>	<b>kW</b>	<b>0.8</b>	<b>1.6</b>	<b>0.38</b>	<b>1.1</b>	<b>1.1</b>	<b>0.9</b>	<b>1.6</b>	<b>0.9</b>
Pump pressure max.	bar	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Pump suction max.	bar	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Pump flow pressure max.	L/min	25	25	25	25	25	25	25	25
Pump flow suction max.	L/min	23	23	23	23	23	23	23	23
<b>Bath volume</b>	<b>L</b>	<b>5.5...8</b>	<b>5.5...8</b>	<b>5.5...8</b>	<b>5.5...8</b>	<b>8...13.5</b>	<b>12.5...19</b>	<b>12.5...19</b>	<b>23...35</b>
<b>Bath opening/depth</b>	<b>mm</b>	<b>150x150/200</b>	<b>150x150/200</b>	<b>150x150/200</b>	<b>150x150/200</b>	<b>300x150/200</b>	<b>300x200/200</b>	<b>300x200/200</b>	<b>300x350/250</b>
Dimensions (W x D x H)	mm	285x430x744	400x540x826	375x540x791	496x615x791	495x615x791	375x465x744	400x540x826	375x615x796

All of the voltage options available can be found at [www.lauda-proline.com](http://www.lauda-proline.com)

\* Working temperature range corresponds to ACC area

Further information on the LAUDA Proline Edition X can be found online at [www.lauda-proline.com](http://www.lauda-proline.com)



# LAUDA Proline Edition X

Fax +49 9343 503-4399



Yes, we are interested in the powerful LAUDA Proline Edition X.

For the following applications:



Please send us a non-binding offer

for **Proline Edition X heating thermostats**

 P 5 C P 8 C P 12 C P 18 C P 26 C P 40 C P 50 C

for **Proline Edition X cooling thermostats**

 RP 845 C RP 855 C RP 870 C RP 890 C RP 1290 C RP 1840 C RP 1845 C RP 3530 C

Please call us for a personal consultation.



Please send us the complete LAUDA catalog by post.

Please fill out

**Our product lines:**

Thermostats · Circulation chillers · Water baths

Process cooling systems · Heat transfer systems · Secondary circuit systems

Viscometers · Tensiometers

Further information and application videos on the LAUDA Proline Edition X can be found at [www.lauda-proline.com](http://www.lauda-proline.com) or simply call us on: **+49 (0)9343 503-399**



LAUDA DR. R. WOBSE R GMBH & CO. KG  
Pfarrstraße 41/43 · 97922 Lauda-Königshofen · Germany  
Tel.: +49 (0)9343 503-0 · Fax: +49 (0)9343 503-222  
E-Mail: [info@lauda.de](mailto:info@lauda.de) · Internet: [www.lauda.de](http://www.lauda.de)