

gas cooler RCI 100



½ 19" wall housing

gas cooler RCI 500



19" slide-in case

Application

- gas treatment
- gas drying

Display and handling

- 128 x 64 touch display for displaying:
 - block temperature
 - time and date
- permanent background light
- handling via resistive touch panel

Setup

- 19" slide-in case for implementation in rack systems
- also available with a casing for mobile use
- cooling glass bulb
- condensate pump

Communication

- RS232
- optional: 4 analog output (gal. separated) 4-20 mA, free configurable
- optional: Profibus DP, Modbus TCP, Ethernet IP or Profinet

Advantages

- long-time stable block temperature
- high effectivity because of the unique temperature regulation
- open port architecture
- simple service of the condensate pump

gas cooler
RCI 100 / RCI 500

Technical Data

gas inlet:	1
technique:	compressor
block temperature:	5 °C / 41 °F (standard)
pressure compatibility:	compensated: 0,5 - 1,5 bar (abs.)
flow rate:	max. 260 L/h
cooling flask:	glass
cooling power:	max. 90 kJ/h
climatical operating conditions:	ambient temperature 5 °C – 45 °C / 41 °F – 113 °F
operating voltage:	230 V / 50 Hz, 1,43 A / 330 VA
case:	RCI 100: ½ 19" wall housing, (wxhxd) 225 x 280 x 305 mm / 9 x 11 x 12 inch RCI 500: 19 " slide-in case
weight:	RCI 100: 13,2 kg / 29,1 lb RCI 500: 15,5 kg / 34,2 lb
display:	128 x 64 touch display
handling:	resistive Touch Panel
machine port:	4 digital inputs 24 V AC/DC 1 digital output ready (relay) max. 48 V / 500 mA, 1 digital output fault (relay) max. 48 V / 500 mA, 4 digital outputs (relay) max. 48 V / 500 mA
port:	Standard: RS 232 optional: 4 analog outputs (gal. seperated) 4-20 mA, all free configurable optional: Profibus DP, Modbus TCP, Ethernet IP, Profinet
operational availability:	15 min (at 20 °C / 68 °F ambient temperature)

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Contact

Fresenius Umwelttechnik GmbH
Doncaster-Platz 5
45699 Herten

Tel.: +49 (0) 2366 / 93 96 1 -10

Fax: +49 (0) 2366 / 93 96 1 -16

Mail: info@fresenius-ut.com

Web: www.fresenius-ut.com