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## **RIEDEL - WKS 25**

Chilled water unit for process cooling / laser applications.

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### **Seriously reliable cooling.**

Active, water cooling with integrated refrigeration circuit.

Plug & Cool: Once water and electricity have been connected, the chiller is ready for immediate use.

Compact dimensions provide maximum cooling in the least space.

Reliable constant cooling temperature due to integrated control.

Can be used worldwide on account of 50 or 60 Hz dual frequency connection.

Proven RIEDEL benefits including: worldwide 24/7 service and certified quality.

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# RIEDEL - WKS 25

## Technical Data:

The WKS series chilled water unit is RIEDEL's customised solution for precise and economical cooling of many different processes. The unit is distinguished through its versatility of application and its extremely compact size. Our use of top quality components, our many years experience in cooling technology and our standardised series production processes mean that this chilled water unit will give you "Made in Germany" quality. The WKS series can be equipped with a number of different options to adapt it to your particular cooling requirements.

### Chilled water unit for process cooling.

Model Number	WKS 25
Refrigeration capacity *	2.5 kW
Refrigerant	R134a
Coolant **	Water
Ambient temperature range	+ 5 to + 40 °C
Coolant outlet temperature range	+ 25 to + 30 °C
Set value tolerance	+/- 1 K
Coolant flow-rate	0.75 m³/h
Pump pressure (manometer reading) ***	3.5 bar
Available pump pressure	2.5 bar
Tank capacity	22 litres
Operating voltage	3/PE ~ 50 Hz 400 V
Power consumption	1.7 kW
Max. current consumption	14.3 A
Water connections	¾ inch
Protection class	IP 44
Weight, net	85 kg
Weight, gross	105 kg
Dimensions (B x H x D)	480 x 620 x 690 mm
Colour	RAL 7035 ****

\* Refrigeration capacity without pump loss (at water outlet temperature 25 °C / ambient temperature 40 °C and operating voltage 3 x 400 V/50 Hz).

\*\* Water or possibly water mixture with 20–40 vol % ethylene glycol. Other fluids on request.

\*\*\* At nominal flow-rate for  $\Delta T$ : 5 K (water).

\*\*\*\* Any other RAL shade or any NCS paint can be used, on request.