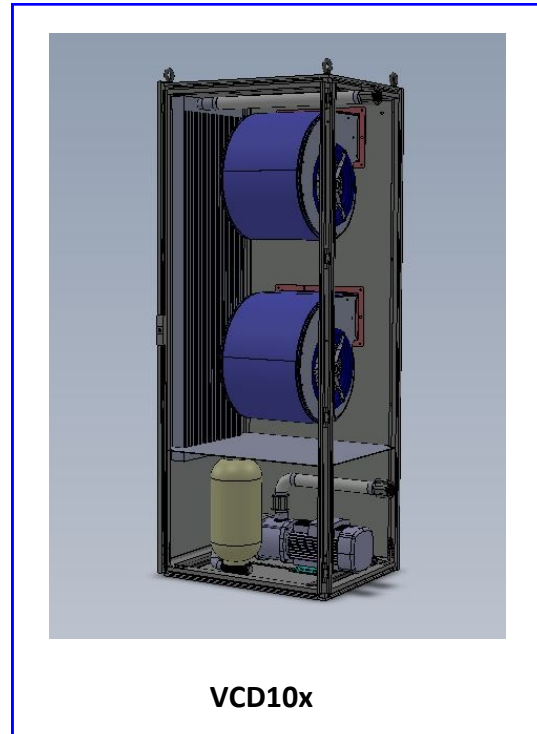


## Cabinet Cooling Station VCD10x

Cabinet Cooling Station VCD for closed loop water cooling systems is built in Rittal TS-8 cubicle (or equal). The station is designed to be situated next to the electrical cabinets and for applications where easy installation is needed. The use of space is most efficient and the width of the station is only 60 or 80 cm.

### Operation

The cooling station circulates coolant between cooled power electronics and heat exchanger. The water to air heat exchanger and two fans are installed into the cabinet. The electrical heater is used during start-up to ensure constant temperature also in cold conditions. The cooling station is operated locally on touch panel and PLC with sophisticated program controls all functions. Profibus connection to upper control system is also available.

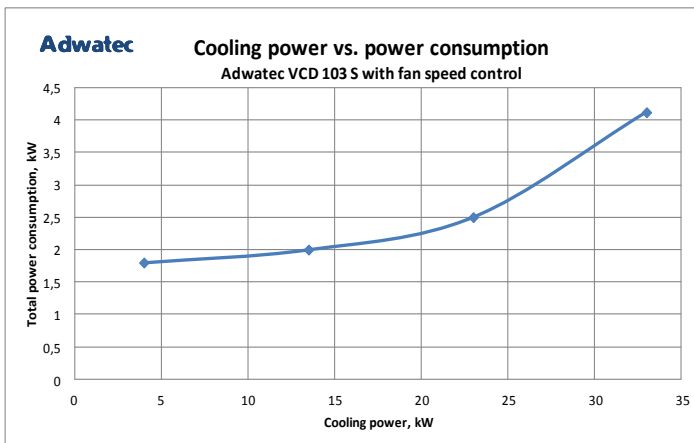


### Benefits

- Minimum foot print need
- Fast and easy commissioning (automatic de-aeration and visual coolant level indication)
- Stainless steel industrial pumps and copper free materials ensure long and reliable function

### Technical details

Cooling capacity	up to 35 kW at 55 °C T (ambient)
Coolant flow	80-150 l/min
Expansion tank	11 liters, GRP with PE coating inside
Water connections	DN40 or R1½"
Instrumentation	Temperature sensors Pressure sensors Coolant level indicator Coolant level alarm
Materials	Stainless steel Aluminum 6000



Main dimensions	Single pump VCD10xS
Width (mm)	600 or 800
Height (mm)	2000
Depth (mm)	600