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## CS 9776.500

### Outdoor cooling unit

State: 2025-12-20 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

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FRIEDHELM LOH GROUP



# CS 9776.500 - Outdoor cooling unit for CS Toptec

Useful cooling output/heater 1.400 W/400 W, temperature control via e-Comfort controller.  
Mounting on CS Toptec in three positions: external, partial internal and internal mounting

## Features

Model No.	CS 9776.500
Product description	Temperature control with e-Comfort controller. The cooling unit may be attached to the enclosure in 3 positions (external, partial internal and full internal mounting).
Benefits	May be linked to the IoT interface via the Blue e IoT adapter for cooling units with an output of 500 W or higher and e-comfort controllers
Material	Aluminum
Surface finish	Powder-coated Pure polyester
Color	RAL 7035
Supply includes	Wired ready for connection (plug-in terminal strip) Mounting frame for universal attachment to outdoor enclosures for surface mounting, partially internal installation and fully internal installation
Protection category IP to IEC 60529	External circuit, IP 34 Internal circuit IP 55
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 1,000 W Cooling output L35 L35/60 Hz: 1,150 W Cooling output L35 L50/50 Hz: 650 W Cooling output L35 L50/60 Hz: 700 W
Heater output	400 W
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Start-up current (max.)	At 50 Hz: 24 A At 60 Hz: 22 A

# Features

Air throughput (unimpeded air flow)	External circuit at 50 Hz: 600 m³/h External circuit at 60 Hz: 625 m³/h Internal circuit at 50 Hz: 600 m³/h Internal circuit at 60 Hz: 625 m³/h
Rated current max.	At 50 Hz: 5 A At 60 Hz: 5 A
Temperature control	e-Comfort Controller (factory setting +35 °C)
Operating temperature range	-33 °C...55 °C
Setting range	20 °C...55 °C
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.45 kg
Rated power Pel	Rated power L35 L35/50 Hz: 640 W Rated power L35 L35/60 Hz: 760 W Rated power L35 L50/50 Hz: 780 W Rated power L35 L50/60 Hz: 920 W
Permissible operating pressure (p. max.)	28 bar
Dimensions	Width: 500 mm Height: 1,000 mm Depth: 150 mm
Enclosure dimensions including sealing frame and designer cover	Width: 550 mm Height: 1,050 mm Depth: 285 mm
Suitable for	Enclosure type: CS Toptec Width: ≥ 800 mm Depth: ≥ 1,200 mm
Installation type	Universal installation (surface-mounting, partial internal installation and full internal installation)
Packaging unit	1 pc(s).
Net weight	42
Gross weight	45
EAN	4028177322073
ECLASS 8.0	27180704

# Approvals

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Explanations

Declaration of conformity