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## CS 9776.550 Outdoor cooling unit

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FRIEDHELM LOH GROUP



# CS 9776.550 - 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 9776.550
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: 1.4 kW Cooling output L35 L35/60 Hz: 1.53 kW Cooling output L35 L50/50 Hz: 1.06 kW Cooling output L35 L50/60 Hz: 1.1 kW Cooling output L35 L35/50 Hz: 4,777 BTU/h Cooling output L35 L35/60 Hz: 5,221 BTU/h Cooling output L35 L50/50 Hz: 3,617 BTU/h Cooling output L35 L50/60 Hz: 3,753 BTU/h
Heater output	400 W
Rated operating voltage	230 V, 1~, 50 Hz/60 Hz

# Features

Start-up current (max.)	At 50 Hz: 34 A At 60 Hz: 32 A
Air throughput (unimpeded air flow)	External circuit at 50 Hz: 1,000 m <sup>3</sup> /h External circuit at 60 Hz: 1,090 m <sup>3</sup> /h Internal circuit at 50 Hz: 880 m <sup>3</sup> /h Internal circuit at 60 Hz: 950 m <sup>3</sup> /h External circuit at 50 Hz: 588.6 cfm External circuit at 60 Hz: 641.6 cfm Internal circuit at 50 Hz: 517.9 cfm Internal circuit at 60 Hz: 559.1 cfm
Rated current max.	At 50 Hz: 6 A At 60 Hz: 6.8 A
Temperature control	e-Comfort Controller (factory setting +35 °C)
Operating temperature range	-33 °C...55 °C -27 °F...131 °F
Setting range	20 °C...55 °C 68 °F...131 °F
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.9 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 1.3 t Refrigerant: R134a Quantity: 2 lb.
Rated power Pel	Rated power L35 L35/50 Hz: 0.96 kW Rated power L35 L35/60 Hz: 1.17 kW Rated power L35 L50/50 Hz: 1.13 kW Rated power L35 L50/60 Hz: 1.25 kW
Permissible operating pressure (p. max.)	28 bar 406.1 PSI
Dimensions	Width: 500 mm Height: 1,000 mm Depth: 274 mm Width: 19.7 " Height: 39.4 " Depth: 10.8 "

# Features

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Enclosure dimensions including sealing frame and designer cover	Width: 552 mm Height: 1,052 mm Depth: 274 mm
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.46 Refrigeration factor L35 L35 (EER) 60 Hz: 1.31
Pre-fuse	Miniature circuit-breaker/fuse: 10 A
Suitable for	Enclosure type: CS Toptec Width: ≥ 800 mm Height: ≥ 1,200 mm Enclosure type: CS Toptec Width: ≥ 31.5 " Height: ≥ 47.2 "
Installation type	Universal installation (surface-mounting, partial internal installation and full internal installation)
Packaging unit	1 pc(s).
Net weight	70 kg
Gross weight	73 kg
Customs tariff number	84158200
ECLASS 8.0	27180704

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# Approvals

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Explanations	Declaration of conformity
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