

Rittal – The System.

Faster – better – everywhere.



SK 7999.991

Outdoor climate control with inverter technology

State: 2025-07-28 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 7999.991 - Outdoor climate control with inverter technology for Micro Data Center

Outdoor climate control with inverter technology. The speed control of the compressor and the regulation of refrigerant allow energy savings of up to 40%.

Features

Model No.	SK 7999.991
Product description	The external unit with inverter technology allows targeted speed control of the compressor. The refrigerant volume is regulated via the electronic expansion valve. Adaptation to cooling requirements facilitates energy savings of up to 40%. The cold air is expelled in front of the 19" level by the internal unit (evaporator coil), while the hot air is drawn in at the rear. Modified air baffle plates achieve additional efficiency gains and help to avoid hot spots.
Function principle	All climate control units for the Micro Data Center are designed as split units to ensure hermetic separation between the cooling circuits inside and outside of the safe. This prevents the ingress of dust and corrosive gasses. Air routing inside the safe is horizontal. The hot air is drawn in at the rear, and the cooled air is expelled in front of the 19" level.
Color	RAL 7035
Supply includes	Super Digital Inverter external unit Cable remote control DX control kit
Rated current max.	At 50 Hz: 13.9 A
Start-up current (max.)	At 50 Hz: 36 A
Noise Level general min	48 dB(A)
Noise Level general max	49 dB(A)
Dimensions	Width: 900 mm Height: 795 mm Depth: 320 mm
Operating temperature range	-15 °C...43 °C

Features

Pre-fuse	Miniature circuit-breaker/fuse: 25 A
Setting range	-15 °C...43 °C
Packaging unit	1 pc(s).
Customs tariff number	84159000
EAN	4028177654129
ECLASS 8.0	27180704