

STULZ the natural choice

# Mini-Air Telecom Line

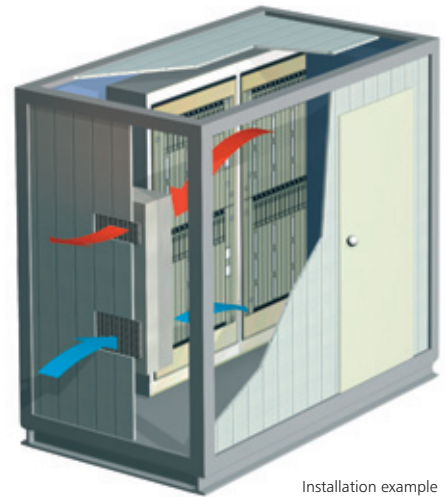


# STULZ Vertical Internal Cabinet Air Conditioners

Mini-Air is the telecommunications air conditioning solution from STULZ for critical electronic environments including cabinets, shelters, cabins and many other demanding applications in which the air conditioner must be installed indoors for operational and security reasons.

Mini-Air is a fully factory tested and pre-charged compact air conditioner. It is easy to install and ready to use immediately after connection to the power supply. All components are easily accessible for maintenance. Mini-Air is designed for 24/365 operation, providing a reliable system for maximum availability.

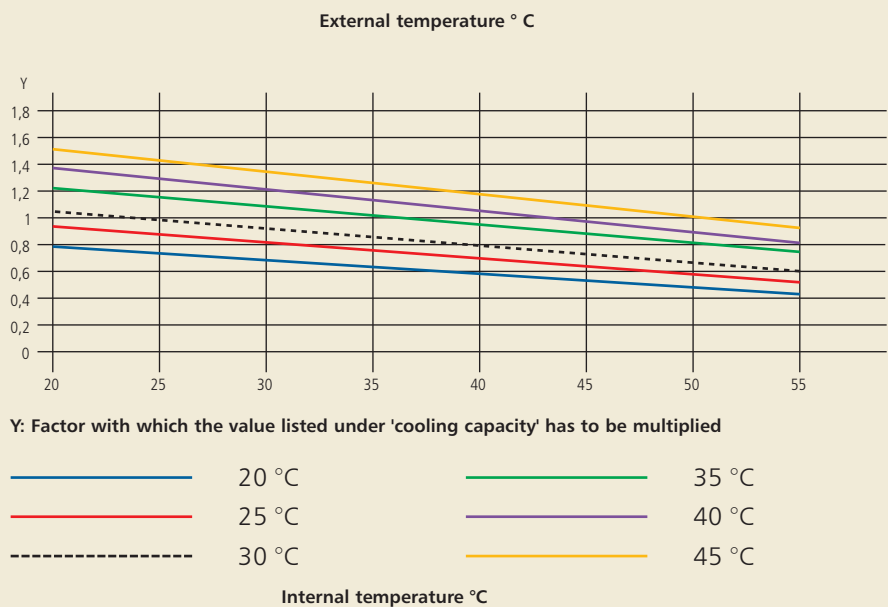
STULZ philosophy is to use the latest technology and to manufacture to the highest quality standards. STULZ ensures the availability of world-wide customer support through the expertise of its local partners and subsidiaries. However demanding the conditions, STULZ has the air conditioning solutions you can rely on.



Installation example

## Options

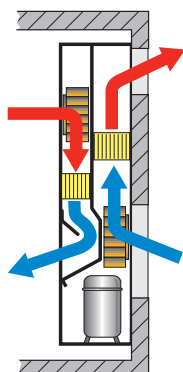
- Electrical heater
- 28 or 48 V DC emergency ventilation
- Aluminium housing
- Condenser coil with corrosion protection
- Air flow loss alarm
- Common alarm (including: low pressure, high pressure, heating alarm)
- High temperature alarm
- Low temperature alarm



## Technical features

- Integrated control thermostat
- Condenser fan speed control
- Galvanised self-supporting housing
- Access from front only for easy maintenance
- Hermetic reciprocating compressor with internal electrical protection
- Refrigerant R134A
- Heat exchanger made of copper tube with aluminium fins, with high efficiency and low maintenance requirements
- No air filter required
- Capillary tube and filter dryer

- Radial fans
- Safety pressure switch for high and low pressure with automatic reset
- Temperature range indoors: -25 °C to +45 °C
- Temperature range outdoors: -20 °C to +55 °C (up to +50 °C from model no. CVC 28)
- IP enclosure rating indoors 54, outdoors 34



Internal application



Mini-Air		07	14	20	28	41
CVC						
Cooling capacity 50/60 Hz <sup>1)</sup>	kW	0.75/0.75	1.4/1.5	2.0/2.1	2.7/2.85	3.9/4.1
Air flow	m <sup>3</sup> /h	220	390	390	650	1,150
Power consumption 50/60 Hz	kW	0.4/0.41	0.85/0.89	1.2/1.24	1.45/1.52	1.8/1.9
Heater <sup>3)</sup>	kW	-	1	1	3	3
Noise level (A/B) <sup>1) 2)</sup>	dB(A)	52/62	62/73	62/71	73/75	75/75
Height	mm	774	1,060	1,060	1,310	1,310
Width	mm	308	406	406	509	509
Depth	mm	221	233	233	353	353
Weight	kg	25	42	44	81	86
Electrical power supply	V/ph/Hz	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60 400/3+N/50	230/1/50-60 400/3+N/50
<sup>1)</sup> Internal temperature 35 °C, external temperature 35 °C						
<sup>2)</sup> Noise level at 2 m clear distance at outside temperature above 40 °C, A: inside, B: outside						
<sup>3)</sup> Optional						
<b>Technical data subject to change without notice.</b>						

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## STULZ the natural choice

### Close to you all over the world.

... With specialist, competent partners in our subsidiaries and exclusive sales and service partners around the world. Our five production sites are in Europe, North America and Asia.