



STULZ the natural choice

Compact-Air

Telecom Line



STULZ Vertical External Cabinet Air Conditioners

Compact-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 is installed outdoors.

Compact-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.

Compact-Air is designed for 24/365 operation, providing a reliable system for maximum availability.

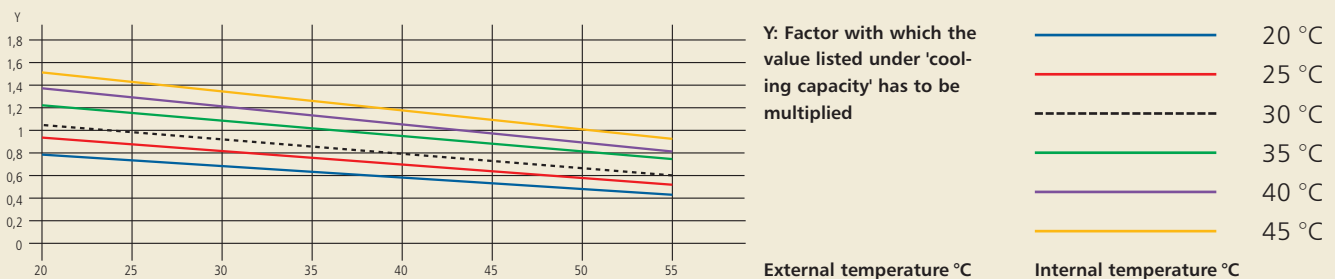
STULZ philosophy is to use the latest technology and to manufacture to the highest quality standards. STULZ ensures the availability of world-wide customer support through the expertise of its local partners and subsidiaries. However demanding the conditions, STULZ has the air conditioning solutions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



Installation example

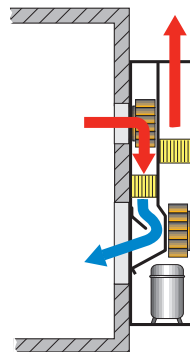
Options

- Electrical heater
- 24 or 48 V DC emergency ventilation
- Aluminium housing
- Clevis-type brackets
- 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
- Capacitor speed control
- Galvanised self-supporting housing
- Access from front only for easy maintenance
- Anti-vandalism fixing devices
- Hermetic reciprocating compressor with internal electrical protection
- Refrigerant R134A
- Heat exchanger made of copper tube with aluminium fins, for 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



External application

Compact-Air		07	14	20	28	41
CVC						
Cooling capacity (50/60 Hz) ¹⁾	kW	0.75/0.75	1.4/1.5	2.0/2.1	2.7/2.85	3.9/4.1
Air flow	m ³ /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 ³⁾	kW	-	1	1	3	3
Noise level (A/B) ^{1) 2)}	dB(A)	52/62	62/73	62/71	73/75	75/75
Height	mm	634	934	934	1,234	1,234
Width	mm	308	417	417	509	509
Depth	mm	227	251	251	382	382
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

¹⁾ Internal temperature 35 °C, external temperature 35 °C
²⁾ Noise level at 2 m clear distance at outside temperature above 40 °C, A: inside, B: outside
³⁾ Optional

Technical data subject to change without notice.

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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.