



STULZ the natural choice



- Wall-Air
- Tel-Air
- » Split-Air
- Wind-Air
- Compact-Air
- Mini-Air
- X-Line

TelecomLine Split-Air



STULZ Precision Air Conditioners

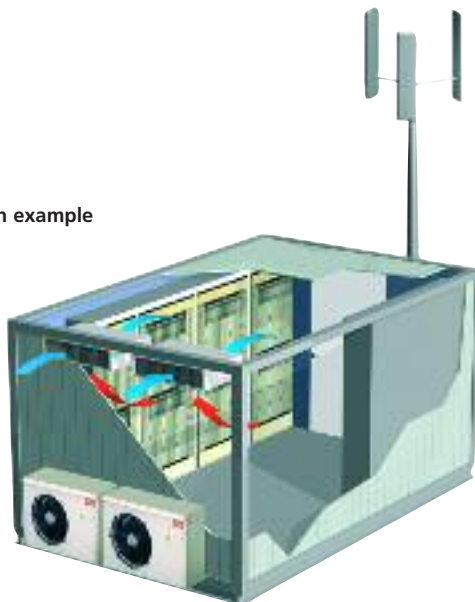
Split-Air is the telecommunications air conditioning solution from STULZ for critical electronic environments including containers, shelters, base stations, switching centres and many other demanding applications.

Split-Air comprises factory tested internal and external matched units, which together offer a versatile air conditioning solution. All components are easily accessible for maintenance.

Split-Air is designed for 24/365 operation, providing optimum reliability and thus maximum availability. The advantages of energyefficient operation are also achieved under extreme environmental conditions.

STULZ philosophy is to use the latest technology and to manufacture to the strictest 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

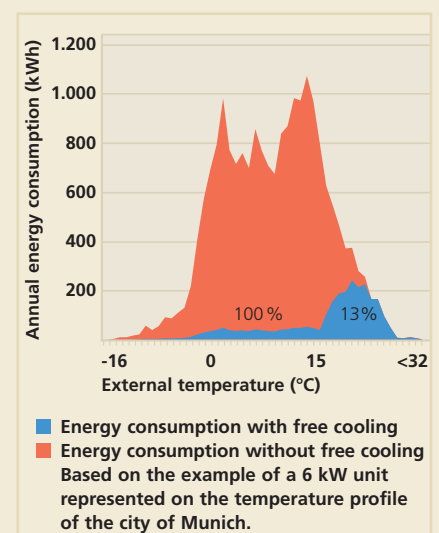


Options

- » Electrical heater
- » Remote monitoring via STULZ-TeleCompTrol including alarm forwarding via SMS
- » Indoor unit for vertical or horizontal installation
- » Duct for vertically and horizontally installed indoor unit
- » Installation kit for the outdoor unit
- » Air grille
- » Humidity sensor
- » and much more ...

Basic unit

Split-Air is also available as a basic cooling unit with electro-mechanical thermostatic control.



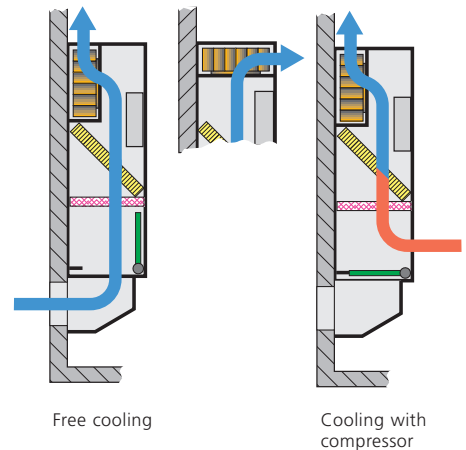
Split-Air

Technical Features:

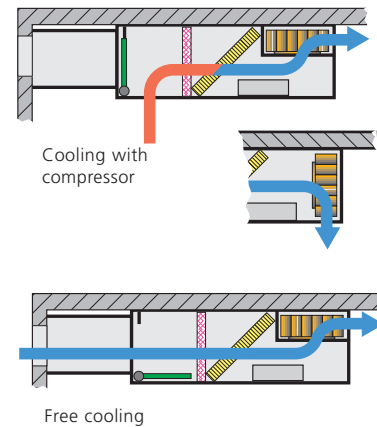
- » Proportional free cooling damper
- » Integrated emergency ventilation with 48 VDC
- » Condenser fan speed control
- » Monitoring of the max humidity/dehumidification
- » Low air flow and filter alarm
- » Automatic restart after power failure
- » Contacts for various alarm signals for connection to a monitoring system
- » Vandalism protection
- » Scroll compressors (from size 50)
- » Refrigerant R407C
- » Air filter
- » Variable discharge direction
- » C1010; advanced microprocessor-based controller that offers the following functions:
 - Multiple-stage regulation with two units
 - Sequencing including alarm switch over and standby unit switching
 - Advanced alarm management
 - Operation also without keypad connected
 - Flash Eprom for easy software update



Vertical installation



Horizontal installation



Split-Air

CST		40	50	60	80
Cooling capacity total/sensible (50 Hz) ¹⁾	kW	3.8/3.8	5.2/4.8	6.4/5.6	8.4/7.8
Cooling capacity total/sensible (60 Hz) ¹⁾	kW	4.1/3.9	5.9/5.9	7.3/6.3	9.3/7.9
Air flow	m ³ /h	1,000	1,100	1,400	2,150
Heater ³⁾	kW	1.5	1.5	3	3
Noise level (outside/inside) ¹⁾²⁾	dB(A)	56/66	56/72	56/63	60/80
Height/Width ⁴⁾ /Depth (internal unit)	mm	310/856/1,050	310/856/1,050	375/956/1,300	375/956/1,300
Height/Width/Depth (external unit)	mm	580/800/350	580/800/350	640/950/400	640/950/400
Weight (inside/outside)	kg	70/60	70/60	90/80	90/80
Voltage	V/ph/Hz	400/3+N/50; 440/3+N/60; other voltages on request (also single phase)			

¹⁾ Internal temperature 25 °C – 40 % RH – external temperature 35 °C ²⁾ At 2 meters distance, free field ³⁾ Optional ⁴⁾ incl. mounting angle
 Technical data subject to change without notice.

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STULZ the natural choice

Close to you worldwide.

... with expert contacts in our STULZ subsidiaries, and our exclusive global network of sales and service partners. Our five production plants are in Europe, North America and Asia.