



STULZ the natural choice



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

## TelecomLine Tel-Air



# STULZ Precision Air Conditioners for Indoor Installation

Tel-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. It is used in those applications where outdoor installation is not possible or an inconspicuous installation is required.

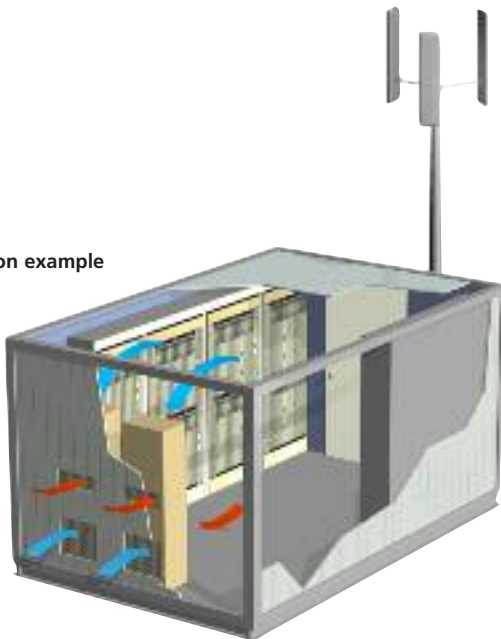
Tel-Air is a fully factory tested and refrigerant filled compact air conditioner. It is easy to install and ready to use immediately after connection of the power supply. All components are easily accessible from the front for maintenance.

Tel-Air is designed for 24/365 operation, providing optimum reliability and thus maximum availability. The advantages of energy-efficient 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

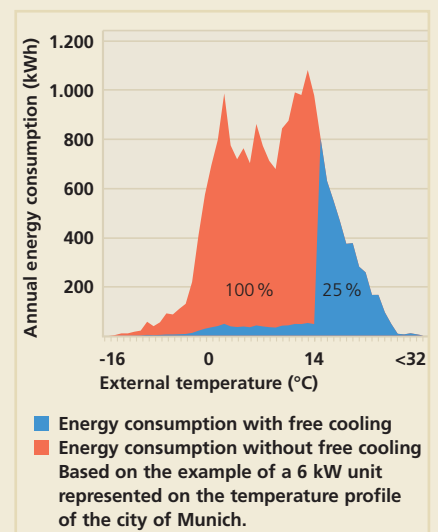


## Options

- » Front air intake and bottom or front-bottom discharge
- » High performance fans
- » Electrical socket connections
- » Electrical heater
- » Remote monitoring via STULZ TeleCompTrol including alarm forwarding via SMS
- » Humidity sensor
- » and much more ...

## Basic unit

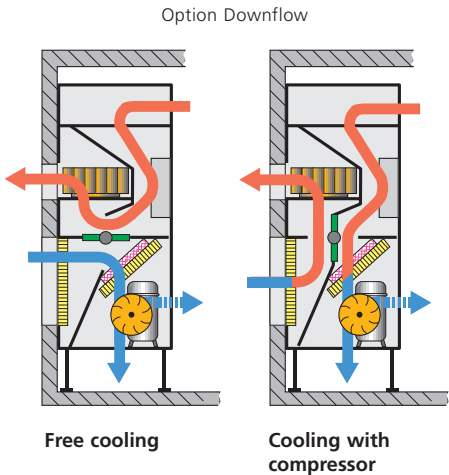
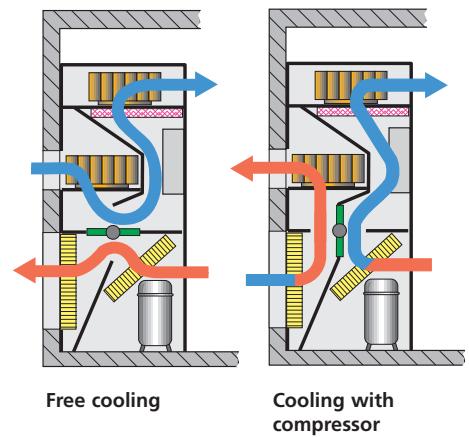
Tel-Air is also available as a basic cooling unit with electro-mechanical thermostatic control.



# Tel-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
- » Front air intake and discharge
- » Vandalism protection
- » Scroll compressors (from size 50)
- » Refrigerant R407C
- » Air filter
- » 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



Tel-Air		40	50	60	80	90	A2
Cooling capacity total/sensible (50 Hz) <sup>1)</sup>	kW	3.8/3.8	5.3/5.3	6.3/5.7	8.3/7.4	9.3/8.8	11.1/10.4
Cooling capacity total/sensible (60 Hz) <sup>1)</sup>	kW	4.1/3.9	5.9/5.9	7.3/6.3	9.3/7.9	10.4/9.4	12.8/11.7
Air flow	m <sup>3</sup> /h	1,000	1,250	1,300	1,400	2,300	2,350
Heater <sup>3)</sup>	kW	1.5	1.5	1.5	4.5	4.5	4.5
Noise level (inside/outside) <sup>2)</sup>	dB(A)	58/59	58/55	58/55	60/55	60/58	60/58
Height	mm	1,990	1,990	1,990	1,990	1,990	1,990
Width	mm	550	550	550	800	800	800
Depth	mm	650	650	650	700	700	700
Weight	kg	168	181	184	226	240	242
Voltage	V/ph/Hz	400/3+N/50; 440/3+N/60; other voltages on request (also single phase)					

<sup>1)</sup> Internal temperature 25 °C – 40 % RH – external temperature 35 °C    <sup>2)</sup> At 2 meters distance, free field    <sup>3)</sup> Optional  
 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.