



STULZ the natural choice



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

## TelecomLine Wall-Air



# STULZ Precision Air Conditioners for Outdoor Installation

Wall-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.

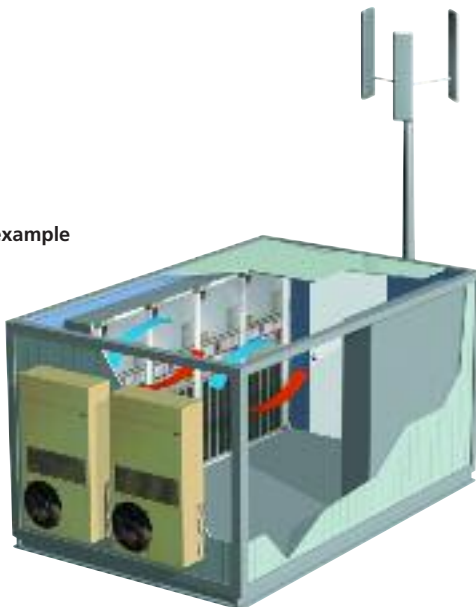
Wall-Air is a fully factory tested and refrigerant filled compact air conditioner. It is easy to install and ready to use immediately after connection of the power supply. Maintenance is performed from outside and all components are easily accessible. Due to installation outside, no space is needed in the room to be conditioned.

Wall-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

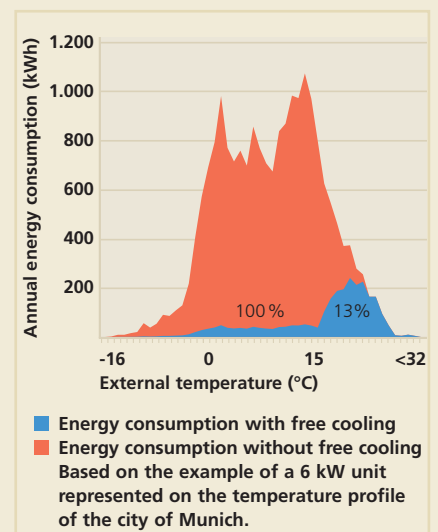


## Options

- » Matching housing: same mounting points and cut-outs for all units with ratings from 4 kW to 17 kW.
- » Electrical socket connections
- » Electrical heater
- » Remote monitoring via STULZ TeleCompTrol including alarm forwarding via SMS
- » Humidity sensor
- » Noise attenuating cover
- » and much more ...

## Basic unit

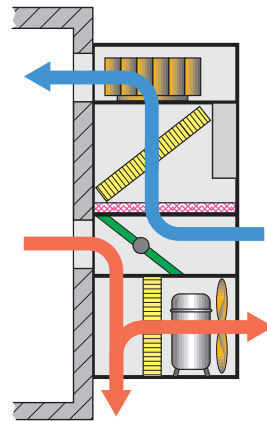
Wall-Air is also available as a basic cooling unit with electro-mechanical thermostatic control.



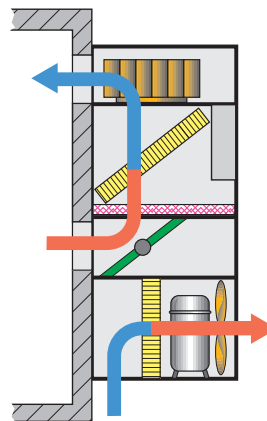
# Wall-Air

## Technical features:

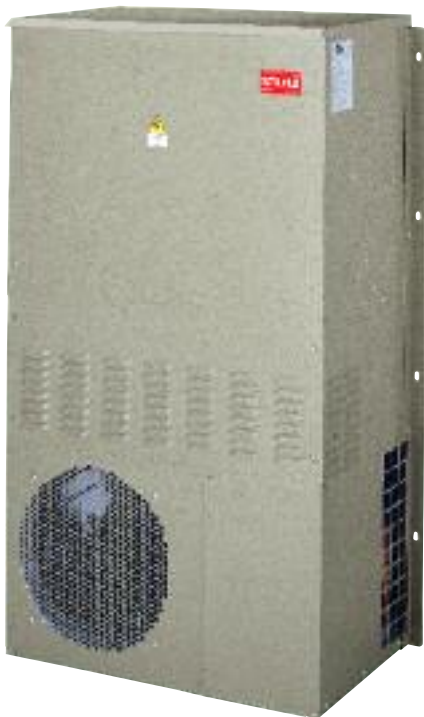
- » Proportional free cooling damper
- » Integrated emergency ventilation with 48 VDC
- » Condenser fan speed control
- » Monitoring of the max humidity/dehumidification
- » Low air flow and filter alarm
- » Automatic restart after power failure
- » Contacts for various alarm signals for connection to a monitoring system
- » Vandalism protection
- » Scroll compressors (from size 50)
- » Refrigerant R407C
- » Air filter
- » 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



Free cooling



Cooling with compressor



Wall-Air		40	50	60	80	90	A2	A4	A7	B1
Cooling capacity total/sensible (50 Hz) <sup>1)</sup>	kW	3.8/3.8	5.2/5.2	6.4/5.7	8.4/7.4	9.3/8.6	11.9/11.9	14.0/14.0	16.8/14.7	20.8/19.5
Cooling capacity total/sensible (60 Hz) <sup>1)</sup>	kW	4.1/3.9	5.9/5.9	7.2/6.1	9.3/7.9	10.9/9.4	13.2/12.3	16.2/14.7	18.4/15.5	23.8/21.5
Air flow	m <sup>3</sup> /h	1,000	1,000	1,500	2,100	2,500	2,850	2,850	3,150	5,700
Heater <sup>3)</sup>	kW	1.5	1.5	1.5	4.5	4.5	6	6	6	9
Noise level (outside/inside) <sup>1)2)</sup>	dB(A)	54/63	54/63	55/63	58/69	58/66	62/71	69/71	69/71	68/70
Height	mm	1,500	1,500	1,500	1,725	1,725	1,910	1,910	1,910	2,000
Width	mm	880	880	880	960	960	1,170	1,170	1,170	1,457
Depth	mm	490	490	490	565	565	600	600	600	735
Weight	kg	139	143	146	175	185	230	237	240	380
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.