

TECHNICAL SPECIFICATION

1(2)

POS. 1 ARCMIL-202 _ -54...+21 / 0...+71

The specification is based on empty chamber without any internal load in the ambient +23 °C /60% if not otherwise mentioned in the quotation

CONSTRUCTION

20 feet temp test container equipped with lifting holes
external dimensions 6000x2400x2700mm (LxWxH)

- the container consists of three rooms:
 - o engine compartment
 - o 2*test chambers, cold and hot chambers

- Engine compartment
 - o Internal dimensions approx. 1550x2100x2100mm (LxWxH)
 - o Working lights in the room
 - o Heating, approx. 20°C

- Test chambers A&B
 - o Internal dimensions approx. 1600x1700x1900mm (LxWxH)
 - o A. climate -54...+21 / B. climate 0...+71°C
 - o Isolated walls, 150mm
 - o Wide doors(2) at the side of the container

The container will be side-opened to increase and secure the stiffness.

Non slip floor

Point load, min. 1000kg/m²

The insulating material is CFC-free polyurethane/glas wool, thickness 150 mm, Material inside the chamber is stainless steel.

Working light in testroom, corresponding to sauna lamps with auto on/off. Standard working light in machine room.

ATEX "Zon E-2" inside in the chambers (not applicable for the machine compartment)

Each heat and / or cooling loop in the closed system that enters the test compartments uses liquid refrigerant. No electrical resistance in the test compartments.

TECHNICAL SPECIFICATION

2(2)

TEMPERATURE	Temperature range -54°C...+21 / 0...+71°C Control stability and uniformity +/- 1°C
CONTROL	Microprocessor controller with HMI user panel. Actual values and set values in the chamber can be seen digitally on the control panel. The recording function enables to create a graphical presentation of the development of the test process / USB-stick Alarms can be programmed to be sent via direct alarm from plc via sms
REFRIGERATION	Semi hermetic cooling unit with air cooling
ELECTRIC CABINET	Electric cabinet is located in the machine compartment. The fuses are automatic. For easy maintenance the wires are numbered.
ELECTRIC SUPPLY	3 phase 230/400 VAC, 32 A, 50 Hz
ACCESSORIES INCL	Possibility to open the test chamber door from the inside Floor drainage Temperature alarm (sms-gsm). GSM antenna included.