

## Product specification

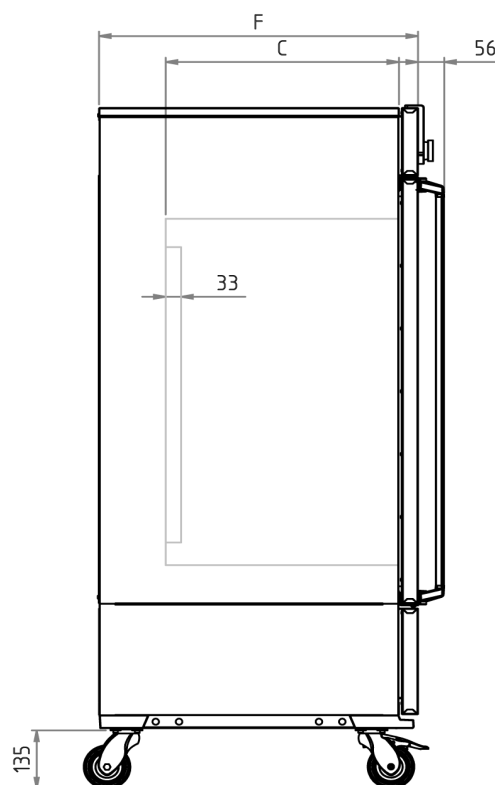
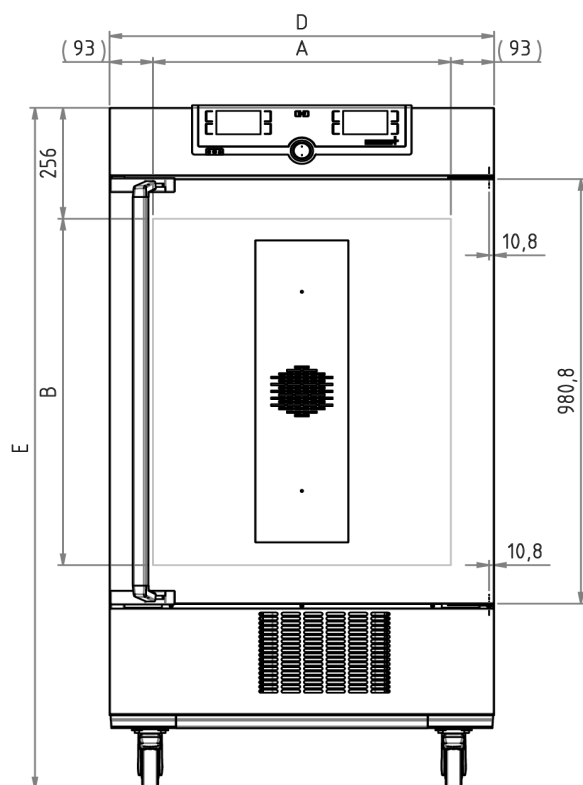
### Compressor-cooled incubator

### ICP55

Do you require different ramps for incubating, breeding or storing? Do you need a larger chamber volume and at the same time quick temperature changes?



With the help of our model selection, with dimensioned model sketches and extensive technical data for download, you can find the right cooled incubator for your needs. For small volumes and for work predominantly in the proximity of the ambient temperature, the Memmert Peltier-cooled incubator is recommended. Flexibility and technical features of our appliances meet all possible needs. Put us to the test!



## Temperature

<b>Working temperature range</b>	0 to +60°C(not suitable for long-term storing at sub-zero temperatures. During permanent operation, the glass door may ice over)
<b>Setting accuracy temperature</b>	0.1 °C
<b>Temperature</b>	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error

## Control technology

<b>ControlCOCKPIT</b>	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
<b>Language setting</b>	German, English, Spanish, French, Polish, Czech, Hungarian
<b>Timer</b>	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
<b>Function SetpointWAIT</b>	the process time does not start until the set temperature is reached
<b>Calibration</b>	three freely selectable temperature values
<b>adjustable parameters</b>	temperature (Celsius or Fahrenheit), fan speed, programme time, time zones, summertime/wintertime

## Communication

<b>Documentation</b>	programme stored in case of power failure
<b>Programming</b>	AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port

## Safety

<b>Temperature control</b>	mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 10°C above nominal temperature
<b>Temperature control</b>	over- and undertemperature monitor TWW, protection class 3.3 or adjustable temperature limiter TWB, protection class 2, selectable on display
<b>AutoSAFETY</b>	additionally integrated over- and undertemperature protection "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of overtemperature, compressor in case of undertemperature
<b>Autodiagnostic system</b>	for fault analysis
<b>Alarm</b>	visual and acoustic

## Heating concept

<b>Air jacket</b>	air jacket heating system for gentle all-around heating
<b>Heating concept</b>	no drying-up of the load caused by the cooling device due to separation of thermal jacket from interior
<b>Cooling</b>	energy-saving use of CFC-free cooling/heating system (refrigerant R134a)
<b>Defrosting</b>	highly efficient automatic defrosting system

## Standard equipment

Door	fully insulated stainless steel door with 2-point locking (compression door lock)
Internals	1 stainless steel grid(s), electropolished
Works calibration certificate	for +10°C and +37°C
Door	inner glass door

## Stainless steel interior

Volume	53 l
Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$ : 400 x 400 x 330 mm
Max. number of internals	4
Max. loading of chamber	80 kg
Max. loading per internal	20 kg

## Textured stainless steel casing

Installation	on lockable castors
Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$ : 585 x 1153 x 514 mm
Housing	rear zinc-plated steel

## Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 1200 W

## Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Ambient temperature	15 °C to 28 °C (up to 34 °C with limited temperaturerange)
Humidity rh	max. 70 %, non-condensing
Altitude of installation	max. 2,000 m above sea level
Overvoltage category	II
Pollution degree	2

## Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 760 x 1330 x 680 cm
Net weight	approx. 89 kg
Gross weight carton	approx. 111 kg

**Standard units are safety-approved and bear the test marks**

