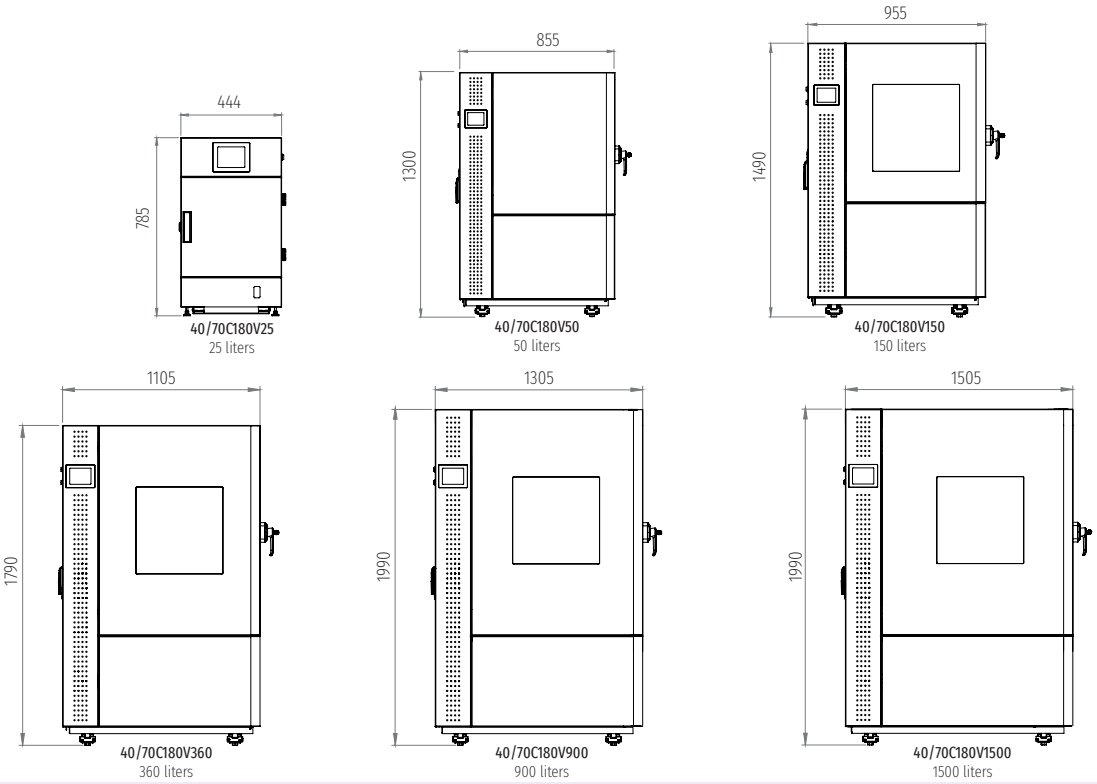
Environmental Chambers

40/70C180V Pro - Series



EQUIPMENT

Volumes
25...1500 liters

Temperature
A -40°C...+180°C
B -70°C...+180°C

Humidity
10...98% rh

Rack
Stainless steel

***still*FACE**
Controller for stability testing

***revo*FACE**
Programmer for dynamic testing

Viewing window
Anti-fog

Water tank
Internal with easly access

Cables port
1 hole Ø50 with plug

Fan
Forced ventilation

Alarms
High/low temperature and humidity

Electric power
230V / 1ph / 50Hz
400V / 3ph / 50Hz

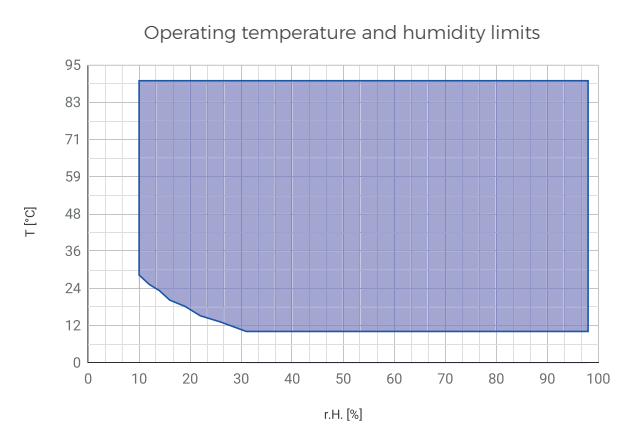
Model (A)	40C180V25	40C180V50	40C180V150	40C180V360	40C180V900	40C180V1500
Model (B)	70C180V25	70C180V50	70C180V150	70C180V360	70C180V900	70C180V1500
Temperature performance						
Temperature range without humidity [°C] (A)	-40/+180					
(B)	-70/+180					
Temperature range with humidity [°C]	+10/+90					
Temperature uniformity depending on setpoint [± K]	0,5..1,5					
Temperature fluctuation depending on setpoint [± K]	0,1..0,5					
Average heating-up rate according to EN 60068-3-5 [K/min]	+2	+5				
Average cooling down rate according to EN 60068-3-5 [K/min]	-2	-4				
Performance Data Climate						
Humidity range [%]	30/98	10/98				
Humidity fluctuation depending on setpoint [±%]	0,5..2					
Water tank [L]	4	5	12	12	18	25
Outer dimensions						
Width net [mm]	444	855	955	1105	1305	1505
Depth net [mm]	695	902	1102	1202	1559	1912
Height net [mm]	785	1300	1490	1790	1990	1990
Wall clearance back/ sidewise [mm]	250/250	250/250	250/250	250/250	250/250	250/250
Viewing window width/ height [mm]	O	O	480/480	480/480	480/480	480/480
Doors						
Unit doors	1	1	1	1	1	1
Internal Dimensions						
Width [mm]	300	350	450	600	800	1000
Height [mm]	280	350	550	650	1000	1360
Depth [mm]	300	410	600	900	1100	1100
Measures						
Interior volume [L]	25	50	150	360	900	1500
Net weight of the unit (empty) [kg]	80	150	450	700	860	950
Load per rack [kg]	20	20	20	20	20	20
Fixtures						
Number of shelves (std./max.)	1/2	1/2	2/4	2/4	2/4	2/4
Width net [mm]	300	350	450	600	800	1000
Depth net [mm]	235	350	550	900	1000	1360
***still*FACE Controller**						
Controller	Constant monitoring temperature and humidity controllers					
Interface port	Optional: RS485					
***revo*FACE Programmer**						
Set-up DIsplay	Programme status, set up temperature, humidity and time					
Programmer	10 programs and 50 segments each, adjustable from 1 min. to 999 hrs.					
Calibration	Possibility to calibrate all parameters					
Interface port	Optional: RS485 - Optional: Ethernet - Wifi - Dedicated mobile app					
Environment-specific data						
Sound-pressure level [dB(A)]	< 65					

O = Optional

All technical data are specified for units with standard equipment at an ambient temperature of +24 °C and a voltage fluctuation of ±10 %.

Model		40C180V25	40C180V50	40C180V150	40C180V360	40C180V900	40C180V1500
Model	**B**	**70C180V25**	**70C180V50**	**70C180V150**	**70C180V360**	**70C180V900**	**70C180V1500**
Structure and insulation							
Exterior material		Painted phosphated steel sheet					
Internal material		AISI 304 Stainless Steel					
Insulation		CFC and HCFC free					
Shelf grill		Removable and height adjustable steel grid					
Ventilation							
Fan		Forced					
Safety							
Temperature		Class 2 independent adjustable temperature safety devices (DIN 12880)					
Alarm		Audio-Visual					
Electrical data							
Rated Voltage [V]	A	230	230	230	230	400	400
	B	230	230	230	400	400	400
Power frequency [Hz]		50					
Nominal power [kW]	A	2,3	5,2	7,1	8,5	15	18
	B	5	8	10	13	19	23
Phase (nominal voltage)	A	1	1	1	1	3	3
	B	1	1	1	3	3	3

Charts



Main Options

- **MINI T-RH -** Temperature/humidity Datalogger
- **UDB100 -** USB port for storage data
- **ETH100 -** Ethernet interface for remote connection
- **SND20T -** Additional temperature sensor (Pt 100)
- **SND80H -** Additional humidity sensor
- **ASW00 -** Water filtration system
- **BDS020 -** Relative humidity decreasing up to 2% @ 20°C
- **CO200 -** CO2 Regulation System for EN 12390-10
- **VOLXXE -** Volume extension of testing area
- **W65T00 -** Kit for directly connection to the water source
- **UMS100 -** Sterilised flux vapor humidifier
- **GS85M -** GSM module for sms alerts
- **PAC00 -** Wooden crate packaging
- **PAW00 -** Wooden boxes packaging
- **FA100C -** Access cables port with plug
- **GP100 -** Additional rack
- **GP100R -** Additional reinforced rack
- **TE110 -** Power supply 110 V 50-60 Hz

For the full options availability go to: **bit.ly/2ItjSuP**

For further information or to configure a New Chamber click or go to:

bit.ly/2U1tFwx

All technical data are specified for units with standard equipment at an ambient temperature of +24 °C and a voltage fluctuation of ±10 %.