



C2/180/50/3 (CO₂)

Our ClimeEvent climate chamber is as innovative as it is sophisticated and offers you real added value in everyday testing. With increased humidification and dehumidification performance and a new type of control for even more precise humidity values – the perfect solution for testing the influence of temperature and humidity on the properties, function and service life of your products.

datasheet_headline_highlights

- 새로운 친환경 냉매 R744 사용
- 연결성
- 더욱 정밀한 습도 값과 간편한 가습수 관리
- 귀중한 테스트 재료의 보호
- 국방 부문의 요구사항
- EOL(End-of-line) 테스트

datasheet_headline_technical-data

C2/180/50/3 (C02)	
테스트 공간 용적 [l]	190
외부 치수 (mm)	1830 x 900 x 1575
테스트 공간 치수 (HxWxD) (mm)	750 x 580 x 450
:infoObject:productData:%Basisbrick%:loadingandWeight_totalWeight [Basisbrick:loadingandWeight_totalWeight] [kg]	525
:infoObject:productData:%Basisbrick%:externalHousing_sideWallClearance [Basisbrick:externalHousing_sideWallClearance] [mm]	700
:infoObject:productData:%Basisbrick%:externalHousing_rearWallClearance [Basisbrick:externalHousing_rearWallClearance] [mm]	700
:infoObject:productData:%Basisbrick%:loadingandWeight_totalLoad [Basisbrick:loadingandWeight_totalLoad] [kg]	130
:infoObject:productData:%Basisbrick%:accessPort_right [Basisbrick:accessPort_right]	1 piece, approx. ø 125 mm stainless steel incl. closed silicone plug + slotted foam silicone plug
:infoObject:productData:%Basisbrick%:testSpace_lighting [Basisbrick:testSpace_lighting]	LED
:infoObject:productData:%Basisbrick%:externalHousing_base [Basisbrick:externalHousing_base]	Adjustable and vibration-absorbing levelling feet
:infoObject:productData:%Basisbrick%:externalHousing_finish [Basisbrick:externalHousing_finish]	Powder coating Colour: RAL 7035, light grey; design elements in RAL 7016 anthracite gray; solvent-free
:infoObject:productData:%Basisbrick%:loadingandWeight_floorLoading [Basisbrick:loadingandWeight_floorLoading] [kg]	50
:infoObject:productData:%Basisbrick%:externalHousing_material [Basisbrick:externalHousing_material]	Galvanised sheet steel
:infoObject:productData: %Basisbrick%:testSpace_materialTestSpaceHousing [Basisbrick:testSpace_materialTestSpaceHousing]	Stainless steel, 1.4301, surface III D glossy
:infoObject:productData: %Basisbrick%:loadingandWeight_totalLoadPerInsertBasket [Basisbrick:loadingandWeight_totalLoadPerInsertBasket] [kg]	30

:infoObject:productData: %Basisbrick%:loadingandWeight_totalLoadOfTheInsertBaskets [Basisbrick:loadingandWeight_totalLoadOfTheInsertBaskets] [kg]	80
:infoObject:productData:%Temperature%:temperatureRange [Temperature:temperatureRange]	-50 ... 180
온도변화율; 냉각 (-70°C/ -50°C/ -40°C) (K/min)	- / 4 / 4.5
습도 범위 (% r.F.)	10 ... 98
:infoObject:productData:%Basisbrick%:electricalConnection_powerRating [Basisbrick:electricalConnection_powerRating] [kW]	4.8
:infoObject:productData:%Basisbrick%:electricalConnection_connection [Basisbrick:electricalConnection_connection]	CEE-Connector, 16 A
:infoObject:productData: %Basisbrick%:electricalConnection_connectionCable [Basisbrick:electricalConnection_connectionCable]	3,5m cable
:infoObject:productData:%Basisbrick%:electricalConnection_currentRating [Basisbrick:electricalConnection_currentRating] [A]	12
음압 레벨 (db(A)) [dB(A)]	49
:infoObject:productData:%BasisbrickII%:communication_webPanel [BasisbrickII:communication_webPanel]	10" (25.4 cm) Webpanel
:infoObject:productData:%BasisbrickII%:communication_switchingInputs [BasisbrickII:communication_switchingInputs]	4 digital inputs for feedback from customer equipment. Load max. 24 V-DC and approx. 30 mA
:infoObject:productData:%BasisbrickII%:communication_switchingOutputs [BasisbrickII:communication_switchingOutputs]	4 digital outputs for control of customer-provided devices by means of potential-free contacts, max. load 24 V-DC, 0,5 A
:infoObject:productData:%Climatic%:perfDataClimatic_Temp [Climatic:perfDataClimatic_Temp]	10 ... 95
:infoObject:productData: %Climatic%:perfDataClimatic_DewPointTemperature [Climatic:perfDataClimatic_DewPointTemperature]	4 ... 94
:infoObject:productData:%Climatic%:perfDataClimatic_humidityDeviation [Climatic:perfDataClimatic_humidityDeviation]	1 ... 3
:infoObject:productData:%Climatic%:perfDataClimatic_tempDeviationTime [Climatic:perfDataClimatic_tempDeviationTime]	0.1 ... 0.3

:infoObject:productData:%Climatic%:perfDataClimatic_tempHomogeneity [Climatic:perfDataClimatic_tempHomogeneity]	0.5 ... 1
:infoObject:productData: %Temperature%:perfDataTemperature_MaxHeatCompensation [Temperature:perfDataTemperature_MaxHeatCompensation]	2750 / 1500

datasheet_headline_options

datasheet_tablehead_label	datasheet_tablehead_des
추가 액세스 포트	스테인리스 스틸로 소재의 액세스 포트는 세 가지 표준 크기(Ø 50, 80, 125 mm)로 제공되며, 실리콘 플러그 1개(폐쇄형)와 폼 + 실리콘 플러그 1개(슬롯형)가 포함되어 있습니다.
시험편 온도 측정	새로운 버전의 IEC 60068-2-14 Nb를 포함한 다수의 규격에서는 시험 단계 동안 시험편의 온도를 면밀히 관찰하고 기록할 것을 요구합니다. 당사의 시험 챔버에는 추가 온도 센서를 장착할 수 있고, 측정값은 디스플레이에 표시되고 기록됩니다(USB 또는 SIMPATI® 활용). 필요에 따라 센서 중 하나를 제어용 센서로 사용할 수도 있습니다.
시험편 온도 측정	테스트 룸 내 혹은 시험편의 어느 지점에서나 온도를 측정할 수 있도록 유연한 케이블이 장착된 이동형 온도 센서 Pt 100이 갖추어져 있습니다. 측정된 값은 제어 패널에 °C로 표시되며, 인터페이스나 측정값 카드의 아날로그 출력을 통해 불러올 수 있습니다.
상단에 위치한 공급 연결부	상단에는 다음과 같은 공급 연결부가 장착되어 있습니다: ▪ 급수 단열(옵션)을 포함한 냉각수 연결부 ▪ 탈염수 공급(항온항습챔버에만 해당) ▪ 압축공기 공급(옵션)