

testo 420 – volume flow hood
0563 4200



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<https://www.testo.com/manuals>



<https://qr.testo.com/ldtw8z>













151 x 84 x 38 mm 6 x 3.3 x 1.5 in Display 88,9 mm Display 3.5 in 	-5 ... +50 °C +23 ... +122 °F -20 ... +60 °C -4 ... +140 °F 	4 x 1,5 V, TypAA / Alkali- Mangan, Mignon	T: +0,1 °C / +0.1 °F U: 0,1 %RH v: 0,01 m/s / 1.97 fpmv: 1 m³/h 1 cfm p: 0,1 hPa 0.1 lnH ₂ O Δp: 0,001 Pa / 0.001 lnH ₂ O	T: -20 ... +60 °C / -4 ... +140 °F U: 0 ... 1 %RH v: 0 ... 14 m/s / 0 ... 2750 ft/min V: 50 ... 4000 m³/h / 11 ... 1100 l/s / 30 ... 2350 cfm p: +700 ... +1100 hPa +281 ... +442 lnH ₂ O Δp: -120 ... +120 hPa / -48 ... +48 lnH ₂ O	T: ±0,5 °C (0 ... +60 °C) / ±1 °F (+32 ... +140 °F) ±0,8 °C (-20 ... 0 °C) / ±1.4 °F (-4 ... +32 °F) U: ±1,8 %RH +3 % of mv at +25 °C / +77 °F (5 ... 80 %RH) V: ±3 % of mv + 12 m³/h at +22 °C ±3 % of mv + 7 cfm at +72 °F 1013 hPa (85 ... 3500 m³/h) 405 lnH ₂ O (50 ... 2060 cfm) p: ±1 lnH ₂ O / ±3 hPa Δp: ±2 % of mv + 0,5 Pa at +22 °C, 1013 hPa / ±2 % of mv + 0.002 lnH ₂ O at +72 °F, 405 lnH ₂ O


Approval and Certification

Product 产品名称	testo 420 – volume flow hood
Mat.-No. 型号	0560 0420
Date 日期	31.07.2023

i The use of the wireless module is subject to the regulations and stipulations of the respective country of use, and the module may only be used in countries for which a country certification has been granted. The user and every owner has the obligation to adhere to these regulations and prerequisites for use, and acknowledges that the re-sale, export, import etc. in particular in countries without wireless permits, is his responsibility.

Country	Comments
Australia	 E 1561
Brazil	 00577-16-04701 Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.
Canada	Product IC ID: 12231A-05600420 IC Warnings
Europa + EFTA	  Hereby, Testo SE & Co. KGaA declares that the radio equipment type testo 420 – volume flow hood (0560 0420) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.testo.com/eu-conformity EU countries: Belgium (BE), Bulgaria (BG), Denmark (DK), Germany (DE), Estonia (EE), Finland (FI), France (FR), Greece (GR), Ireland (IE), Italy (IT), Latvia (LV), Lithuania (LT), Luxembourg (LU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Sweden (SE), Slovakia (SK), Slovenia (SI), Spain (ES), Czech Republic (CZ), Hungary (HU), Republic of Cyprus (CY). EFTA countries: Iceland, Liechtenstein, Norway, Switzerland  WEEE Reg. no.: DE 75334352
Japan	 201-150304 See Japan information
Malaysia	Authorized
New Zealand	Authorized
South Africa	 Radio Equipment Type approval number: TA-2016/3100
South Korea	 MSIP-CMM-Toi-420 See KCC Warning
Türkiye	Authorized
UAE	TRA number: ER80557/20
United Kingdom (GB)	  The UK Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads
USA	Product FCC ID: 2ACVD05600420 See FCC Warnings

Bluetooth® SIG List	Feature 特征与参数	Values 数值
	Bluetooth®	Range 15 m (free field) (varies with the used mobile device)
	Bluetooth® Type	LSD Science & Technology Co., Ltd L Series BLE Module (08 Mai 2013) based on TI CC254X chip
	Qualified Design ID	B016552
	Bluetooth® radio class	Class 3
	Bluetooth® company ID	10274
	Declaration ID	D025736
	Member company	Testo SE & Co. KGaA

	Comments
Taiwan	 CCAB16LP2190T1 See NCC Warning / NCC警告見

IC Warnings

CAN ICES-003(B)/NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

RSS-Gen & RSS-247 statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution: Radio Frequency Radiation Exposure

This equipment complies with radio frequency exposure limits set forth by the Innovation, Science and Economic Development Canada for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

Co-Location

This device must not be co-located or operated in conjunction with any other antenna or transmitter.

Attention : exposition au rayonnement de radiofréquences

Cet équipement est conforme aux limites d'exposition aux radiofréquences définies par la Innovation, Sciences et Développement économique Canada pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre le dispositif et l'utilisateur ou des tiers.

Co-location

Ce dispositif ne doit pas être utilisé à proximité d'une autre antenne ou d'un autre émetteur.

FCC Warnings

Information from the FCC (Federal Communications Commission)

For your own safety

Shielded cables should be used for a composite interface. This is to ensure continued protection against radio frequency interference.

FCC warning statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cable must be used in order to comply with the emission limits.

Warning

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Radio Frequency Radiation Exposure

This equipment complies with radio frequency exposure limits set forth by the Innovation, Science and Economic Development Canada for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

Co-Location

This device must not be co-located or operated in conjunction with any other antenna or transmitter.

KCC Warning

해당 무선 설비는 운용 중 전파혼신 가능성이 있음

Japan Information

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している。

Brazil Information

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Este equipamento não é apropriado para uso em ambientes domésticos, pois poderá causar interferências eletromagnéticas que obrigam o usuário a tomar medidas necessárias para minimizar estas interferências.

Para maiores informações, consulte o site da Anatel – <https://www.gov.br/anatel/pt-br/>

NCC Warning / NCC警告見

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。