

**VOLA 010, 020, 030, 040**  
**VOLA 010C, 020C, 040D**

Fitting instruction  
 Montageanleitung  
 Monteringsvejledning  
 Monteringsvægledning  
 Montage hanleiding  
 Manuel de montage



04/00026  
 04/00101  
 04/00175  
 04/00298

**010, 020**

**010C, 020C**

**030**

**040**

**040D**

www.vola.com

mnt\_010\_V1\_40998360  
 02-10-2023



5 705230 341750

| Standard Flow data: |           | Max.                     |
|---------------------|-----------|--------------------------|
| 010/020             | (l/min)   | 5.0                      |
|                     | (Gal/min) | 1.3                      |
| 010C/020C           | (l/min)   | 30                       |
|                     | (Gal/min) | 7.9                      |
| 030                 | (l/min)   | 9.0                      |
|                     | (Gal/min) | 2.0                      |
| 040                 | (l/min)   | 25                       |
|                     | (Gal/min) | 6.6                      |
| 040D                | (l/min)   | 30                       |
|                     | (Gal/min) | 7.9                      |
|                     |           | Max. 65°C.<br>Max. 150°F |



**VR161:**

VR161K: 7 l/min - 1.8 Gal/min

VR161D: 9 l/min - 2.5 Gal/min

VR161F: 14 l/min - 3.7 Gal/min

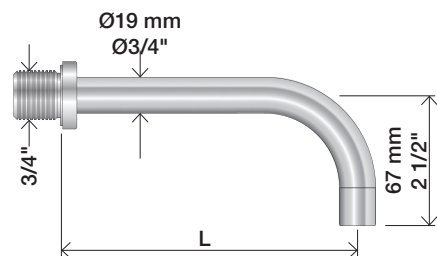


For more water saving possibilities please see:  
 Weitere Wassersparmöglichkeiten finden Sie auf:  
 For flere vandbesparende muligheder se venligst:  
 För mer vattenbesparande möjligheter hänvisas till:  
 Voor meer waterbesparende mogelijkheden zie:  
 Pour plus d'informations sur les options : économie d'eau, voir le site:

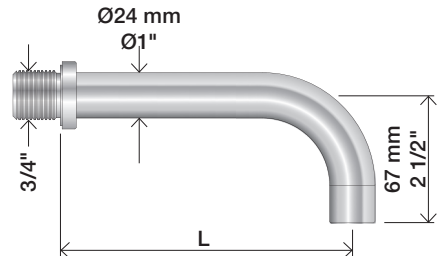
[www.vola.com](http://www.vola.com)



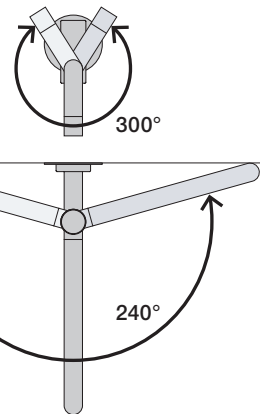
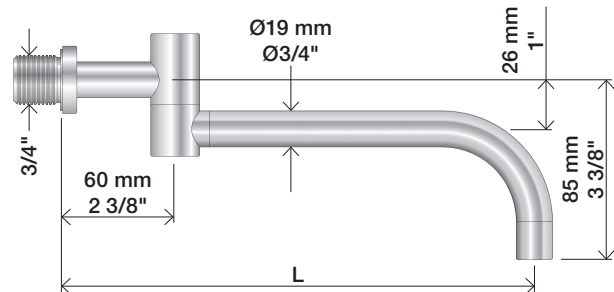
**010, 020**



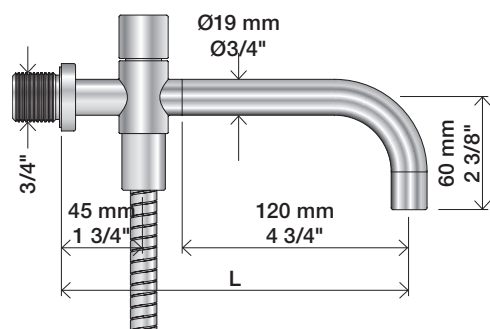
**010C, 020C**



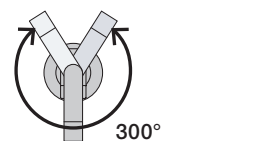
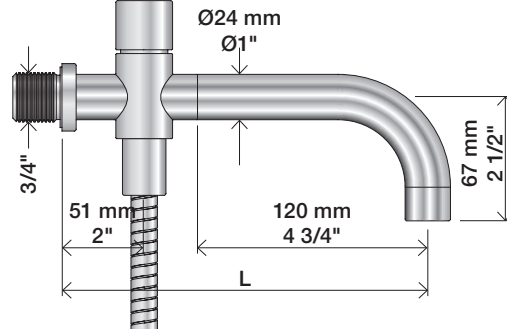
**030**



**040**



**040D**



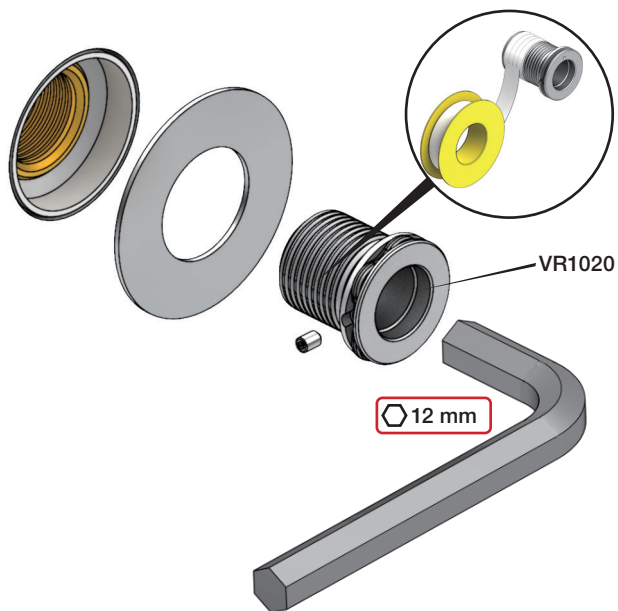
|            | L (mm) | L (Inch) |
|------------|--------|----------|
| 010(C)/100 | 100    | 4"       |
| 010(C)/130 | 130    | 5"       |
| 010(C)/160 | 160    | 6"       |
| 020(C)/200 | 200    | 7 3/4"   |
| 020(C)/225 | 225    | 8 3/4"   |
| 020(C)/260 | 260    | 10 1/4"  |
| 020(C)/300 | 300    | 11 3/4"  |

|         | L (mm) | L (Inch) |
|---------|--------|----------|
| 030/200 | 200    | 7 3/4"   |
| 030/250 | 250    | 9 3/4"   |
| 030/300 | 300    | 11 3/4"  |
| 030/350 | 350    | 13 3/4"  |

|          | L (mm) | L (Inch) |
|----------|--------|----------|
| 040      | 185    | 7 3/4"   |
| 040D     | 200    | 7 3/4"   |
| 040D/250 | 250    | 9 3/4"   |
| 040D/300 | 300    | 11 3/4"  |

1

010, 010C, 020, 020C, 030, 040, 040D

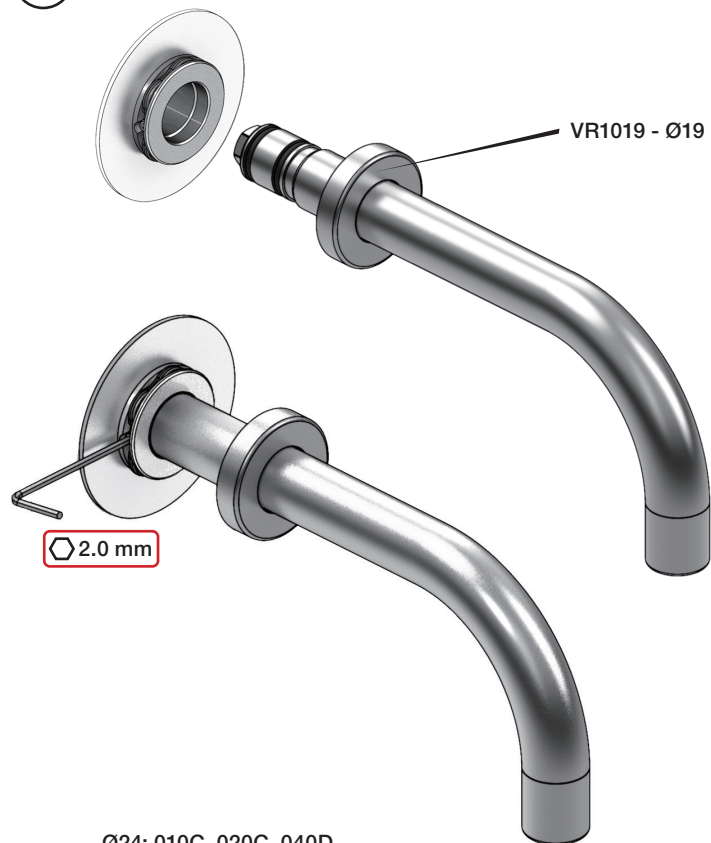


2

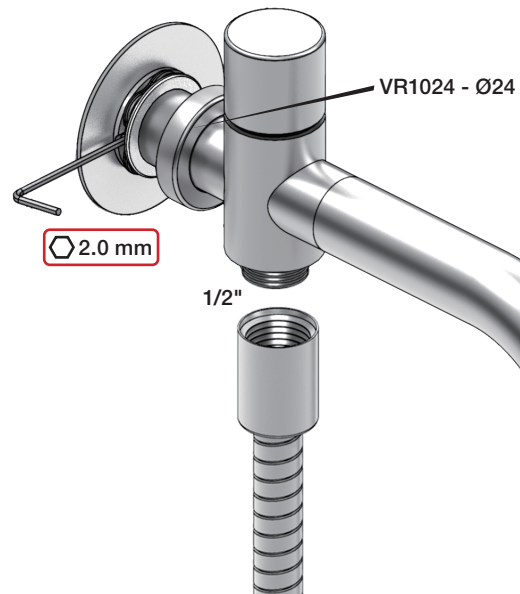
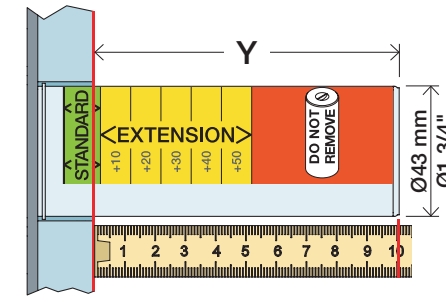
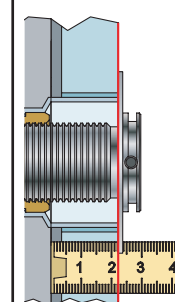


3

Ø19: 010, 020, 030, 040

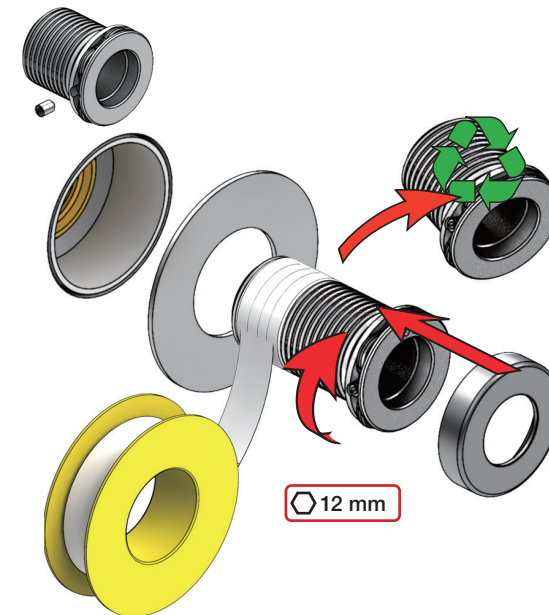


Ø24: 010C, 020C, 040D

Extension  
VerlängerungForlængerdele  
FörlängningVerlengstücken  
ModificationT Min. 3 mm  
Max. 65 mmY Min. 48 mm  
Max. 110 mm

| T          | Y           | VR2019 (Ø19)<br>VR2119 (Ø24) |
|------------|-------------|------------------------------|
| 3 - 15 mm  | 110 - 98 mm | Std.                         |
| 15 - 25 mm | 98 - 88 mm  | +10                          |
| 25 - 35 mm | 88 - 78 mm  | +20                          |
| 35 - 45 mm | 78 - 68 mm  | +30                          |
| 45 - 55 mm | 68 - 58 mm  | +40                          |
| 55 - 65 mm | 58 - 48 mm  | +50                          |

VR2019+/VR2219+



VOLA NR.41  
VOLA VR512  
VOLA 4002/L/V, 4003

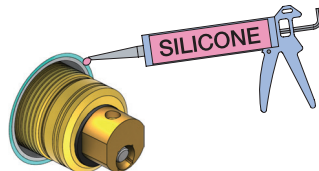
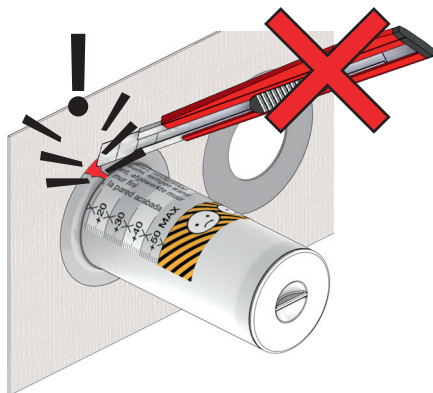
**Do not cut the membrane**  
**Die Membran nicht schneiden**  
**Skær ikke membranen**  
**Skär inte membranet**  
**Snij het membraan niet door**  
**Ne coupez pas la membrane**  
**No cortar la membrana**

NR.41:

1

VR512:  
4002/L/V:  
4003:

2



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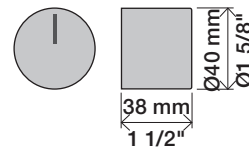
vola

mnt\_NR41\_40998512\_V1

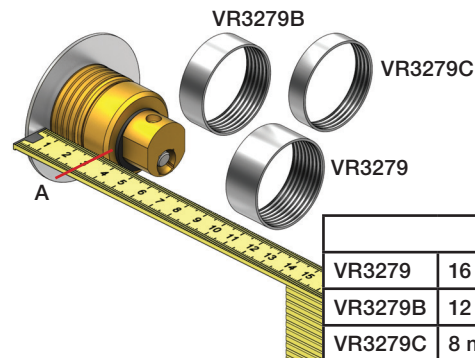


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NR 41

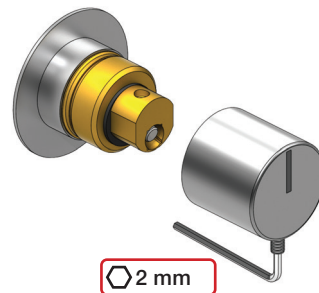


NR 41 - 1



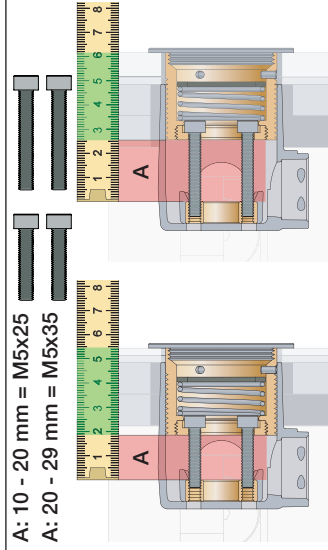
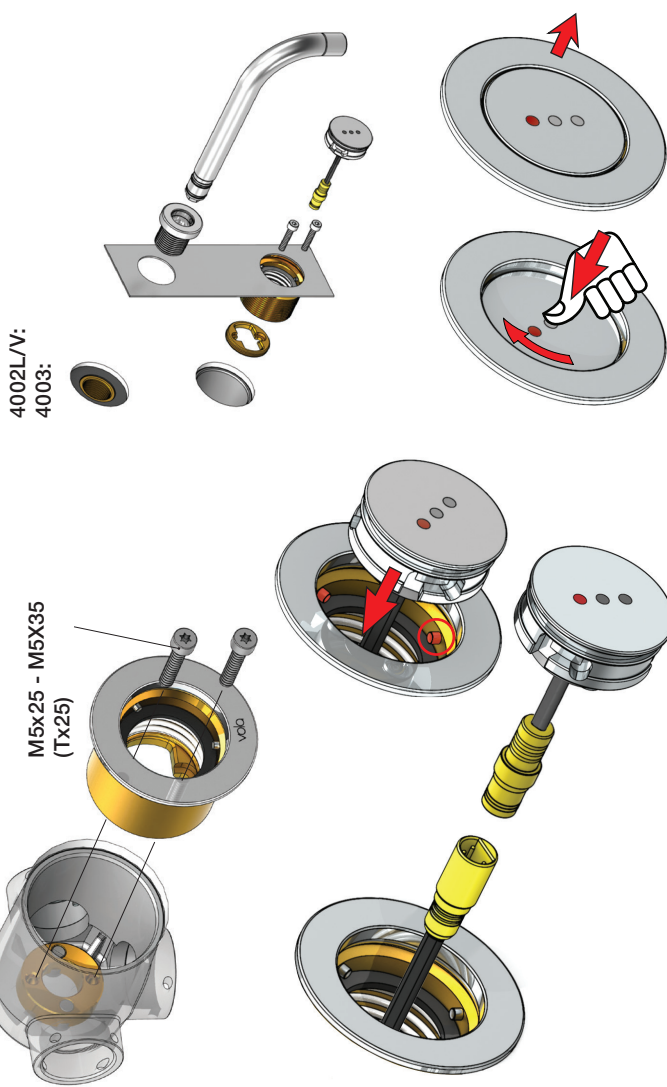
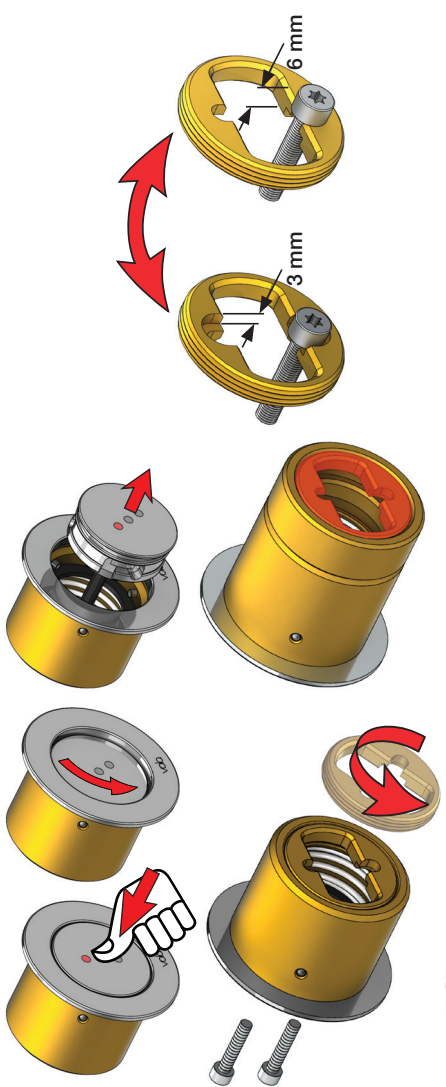
|         |       | A          |
|---------|-------|------------|
| VR3279  | 16 mm | 31 - 36 mm |
| VR3279B | 12 mm | 27 - 32 mm |
| VR3279C | 8 mm  | 23 - 28 mm |

NR 41 - 2



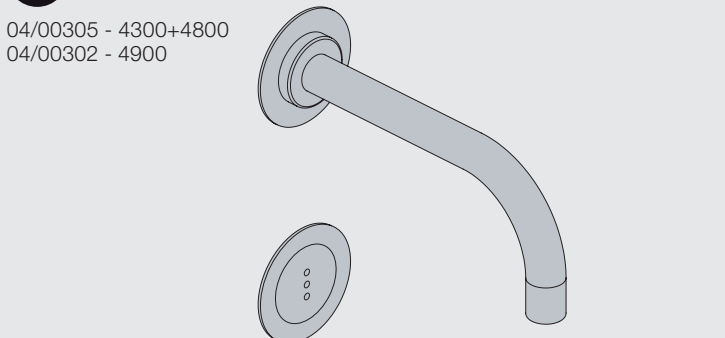
VR512  
4002L

4002V  
4003

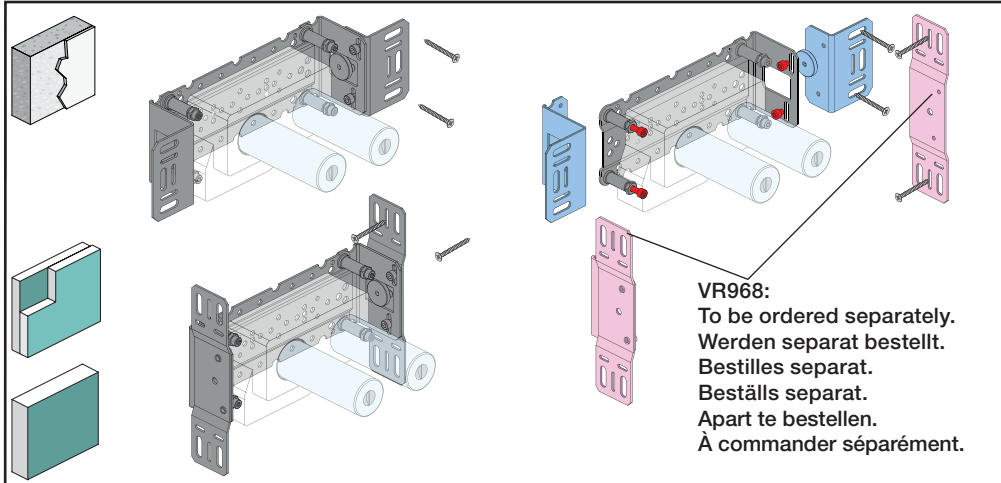
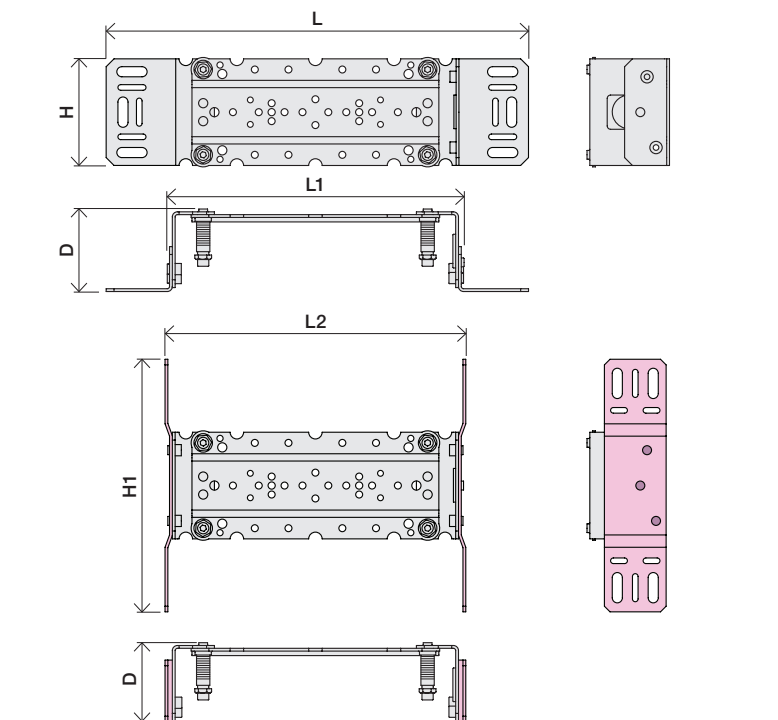


A: 10 - 20 mm = M5x25  
A: 20 - 29 mm = M5x35

| VR513A: |           | Standard   |            |            |            |            |
|---------|-----------|------------|------------|------------|------------|------------|
| Tiles:  | 3 - 15 mm | 15 - 25 mm | 25 - 35 mm | 35 - 45 mm | 45 - 55 mm | 55 - 65 mm |
|         | Fliesen:  | x1         |            |            |            |            |
|         | Fliser:   |            |            |            |            |            |
|         | Tegels:   |            |            |            |            |            |
|         | Carreaux: |            |            |            |            |            |



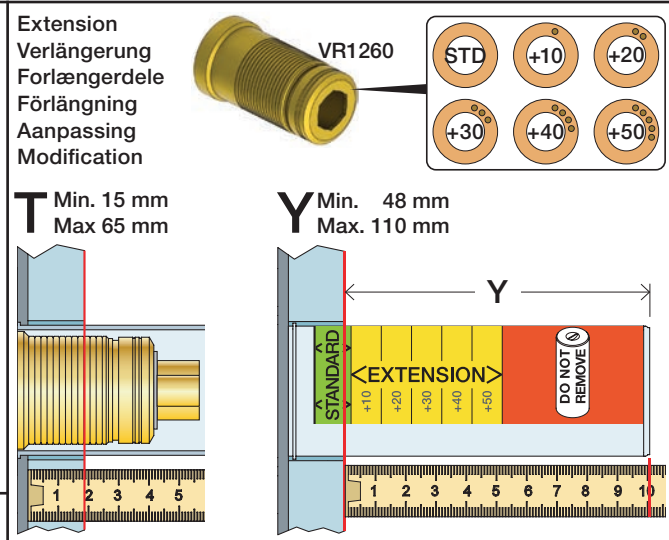
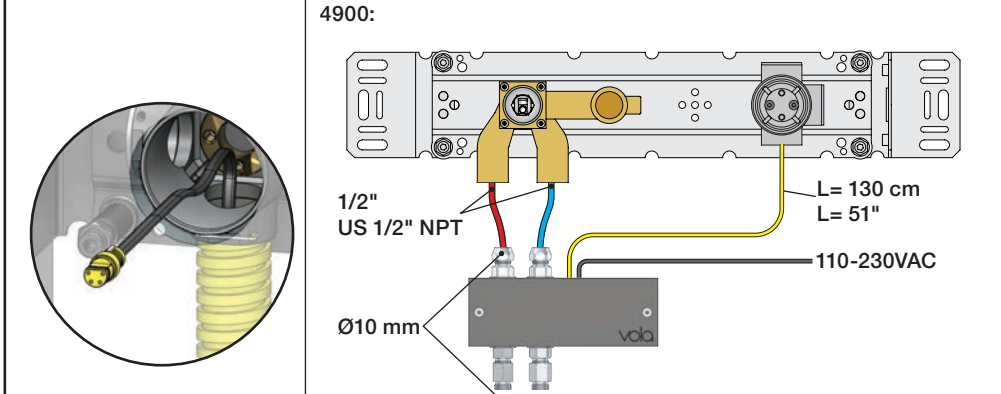
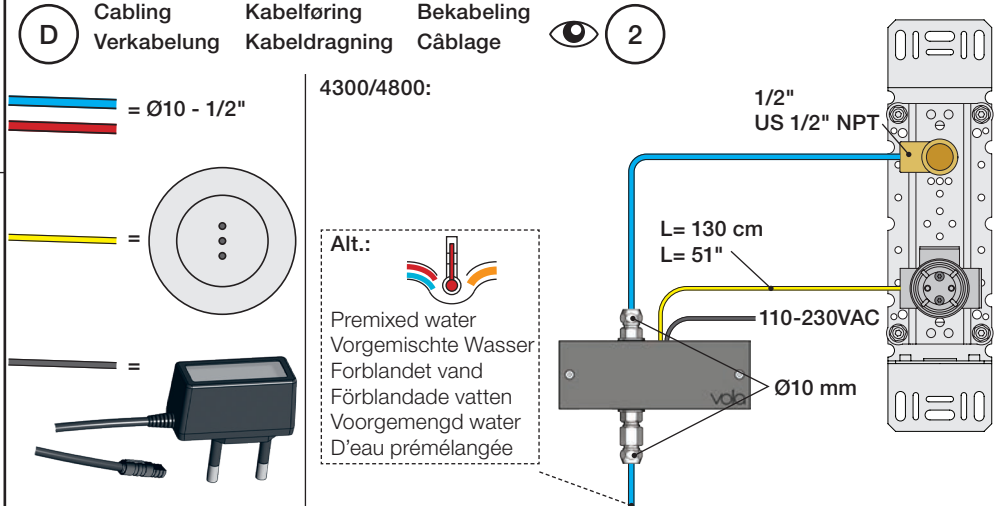
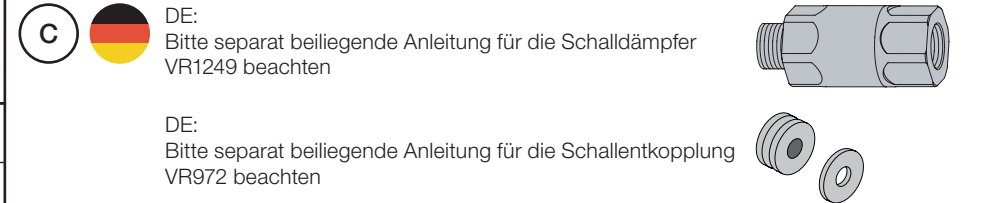
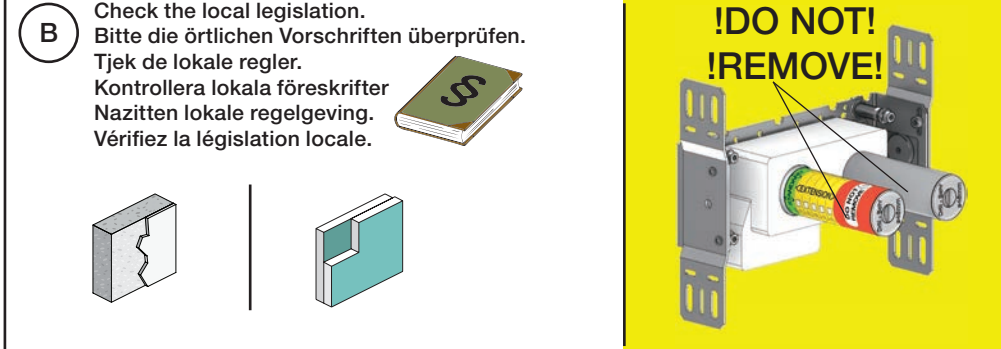
|                 | L                 | L1            | L2                | H                | H1               | D               |
|-----------------|-------------------|---------------|-------------------|------------------|------------------|-----------------|
| 4300            | 377 mm<br>14 3/4" | 260 mm<br>10" | 268 mm<br>10 1/2" | 95 mm<br>3 3/4"  | 186 mm<br>7 3/8" | 70 mm<br>2 3/4" |
| 4800            | 475 mm<br>19 1/2" | 355 mm<br>14" | 367 mm<br>14 1/2" |                  |                  |                 |
| 4900            | 552 mm<br>23"     | 435 mm<br>17" | 447 mm<br>17 5/8" |                  |                  |                 |
| 4900VS, 4900VSX | 377 mm<br>14 3/4" | 260 mm<br>10" | 268 mm<br>10 1/2" | 214 mm<br>8 1/4" |                  |                 |



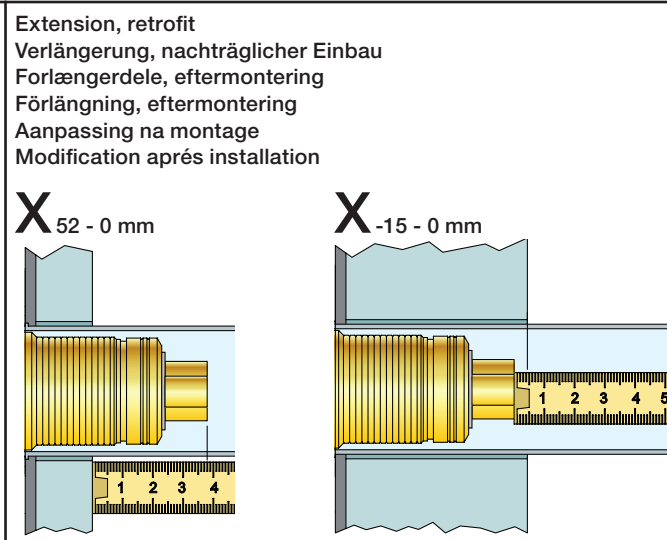
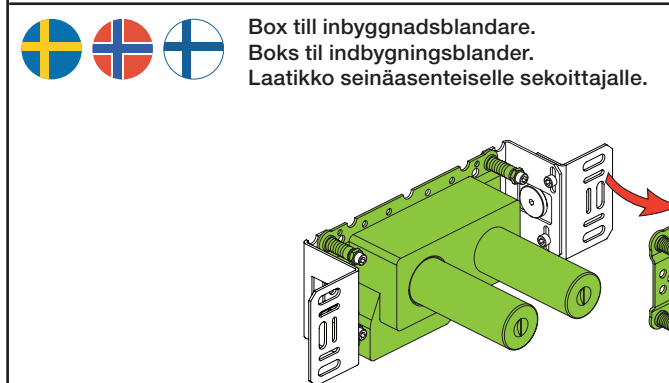
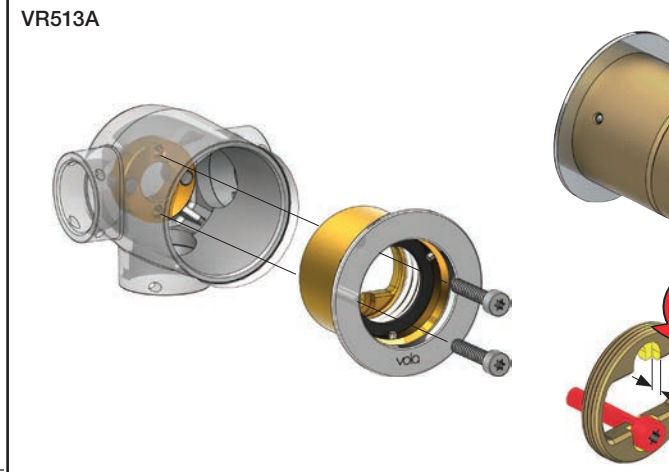
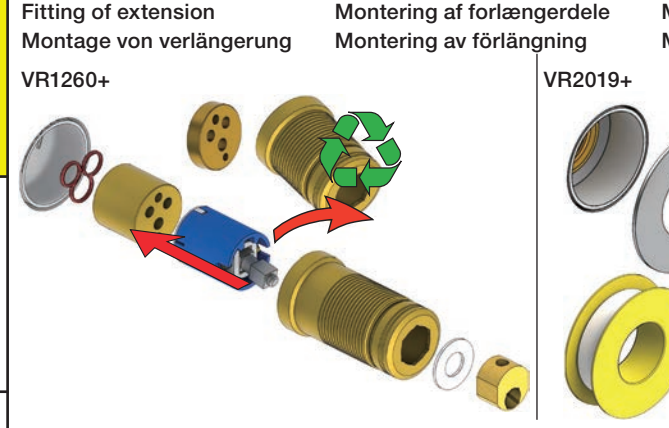
**A** Data, 3 Bar/43.5 Psi:

|       | l/min. | Gal/min. | Max. 65°C, 150°F |
|-------|--------|----------|------------------|
| 4300: | 30.0   | 7.9      |                  |
| 4800: | 30.0   | 7.9      |                  |
| 4900: | 18.3   | 4.8      |                  |

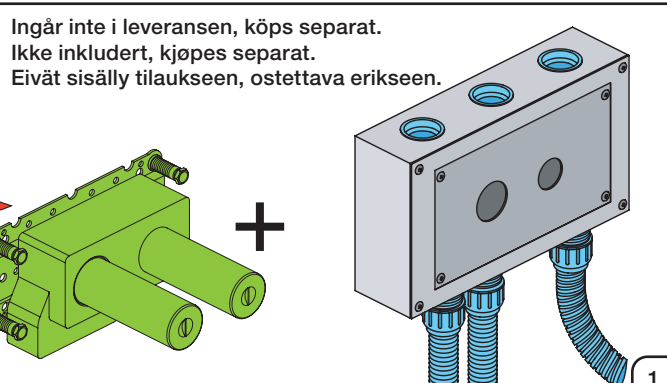
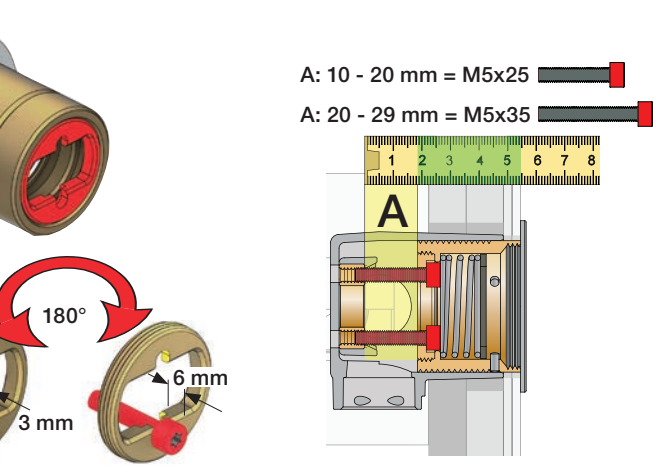
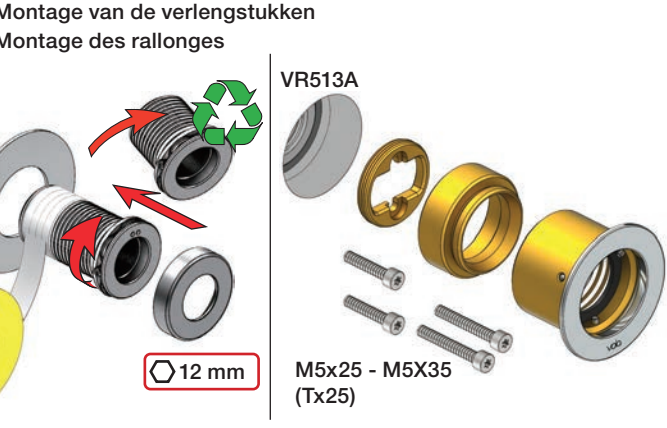
Max.: 10 Bar/145 psi

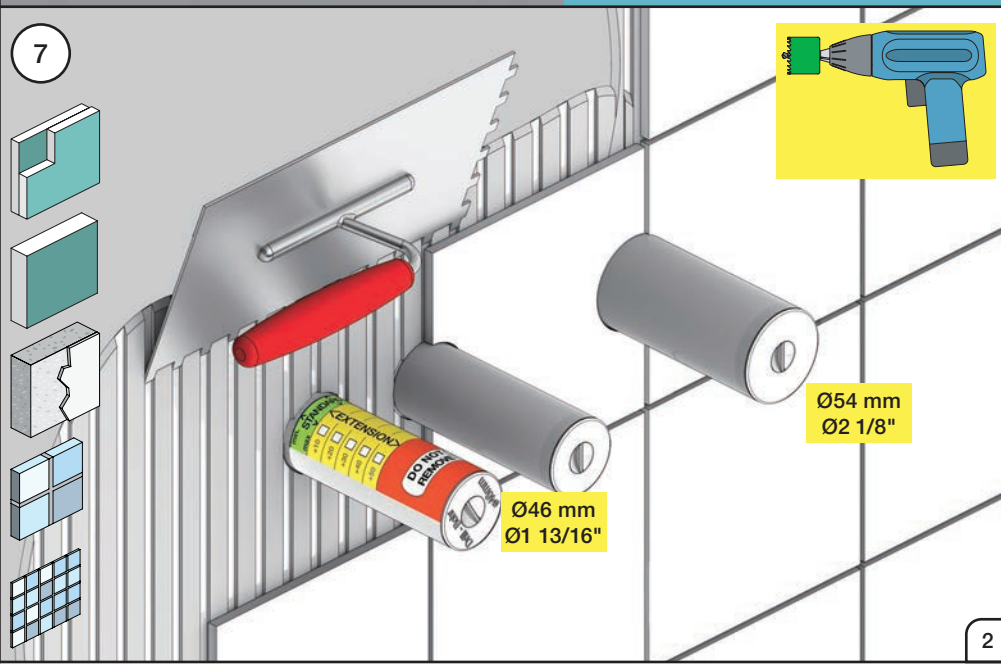
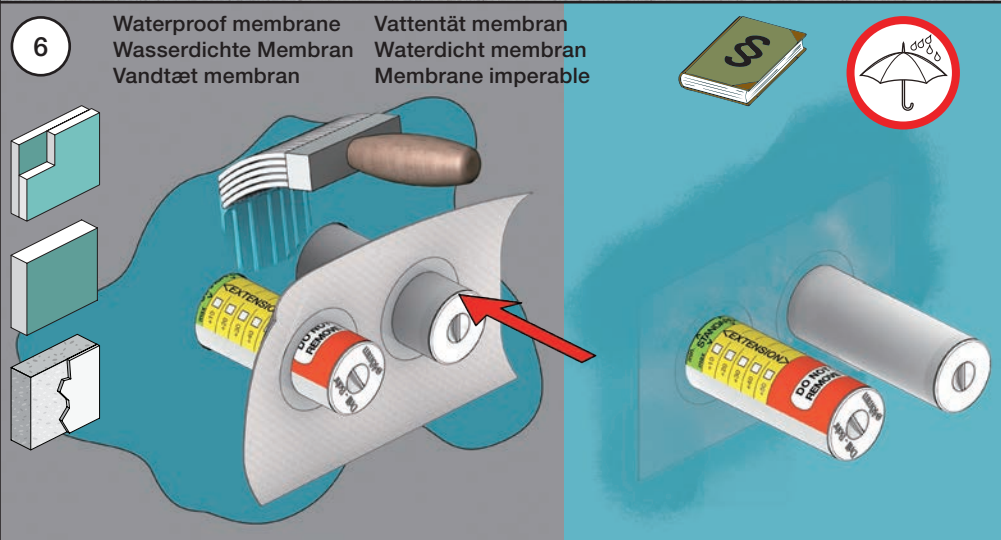
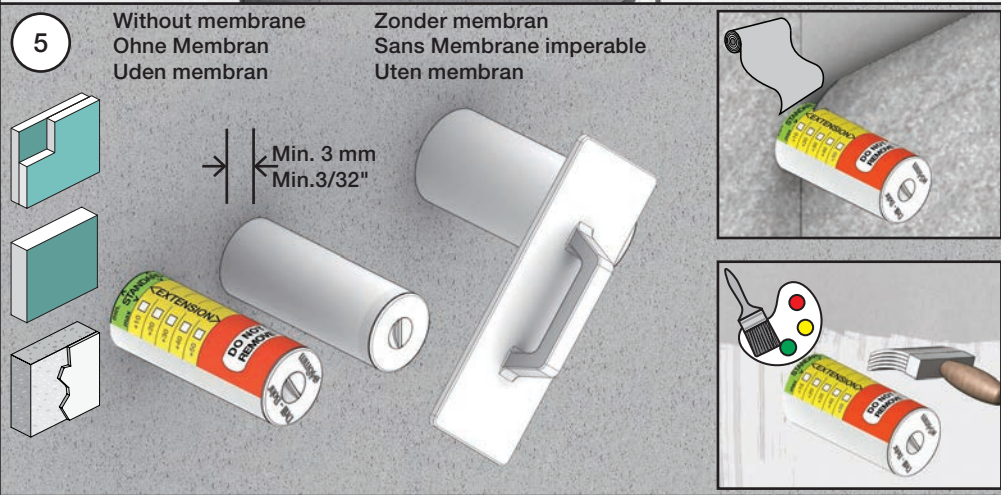
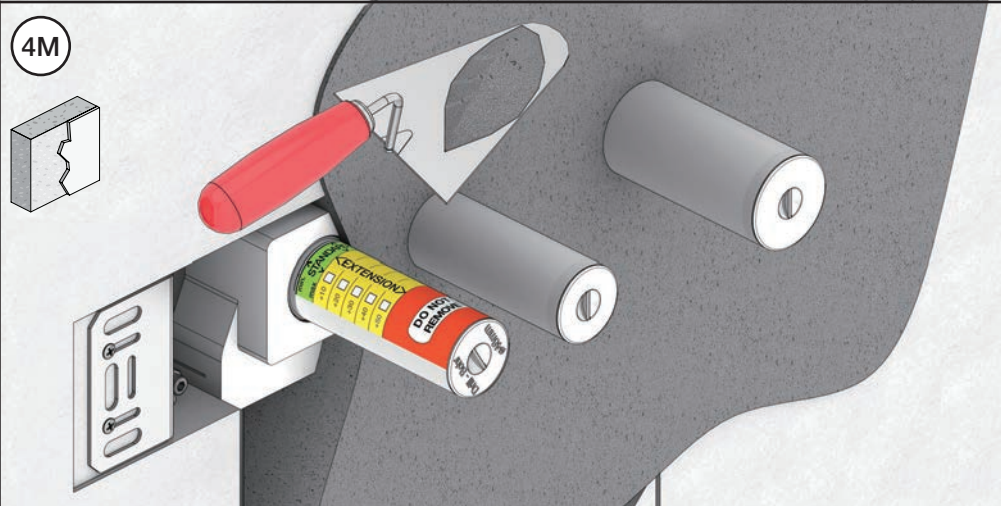
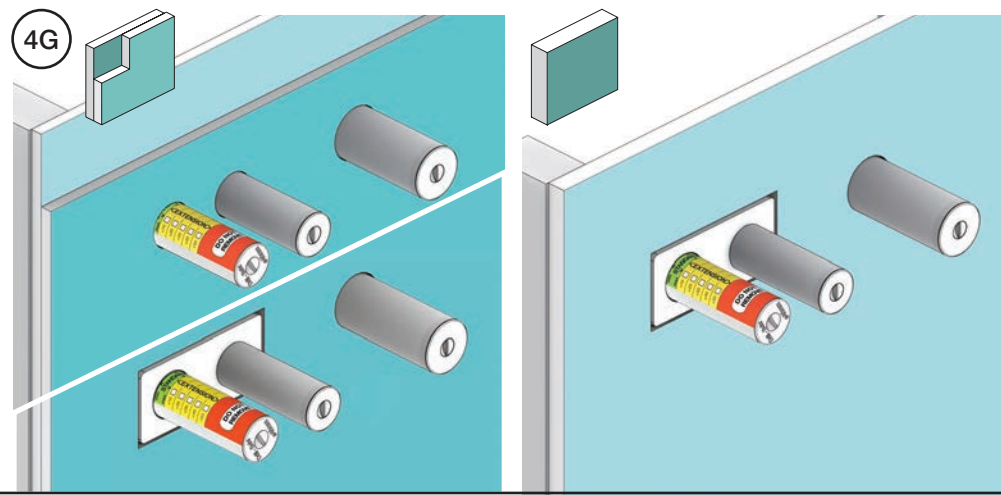
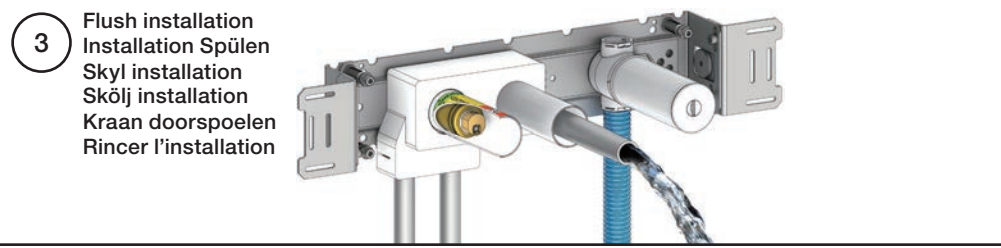
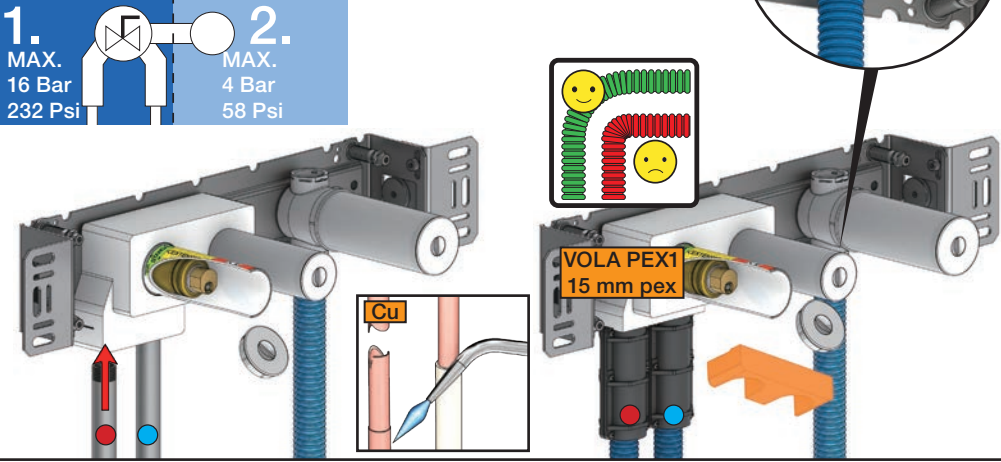
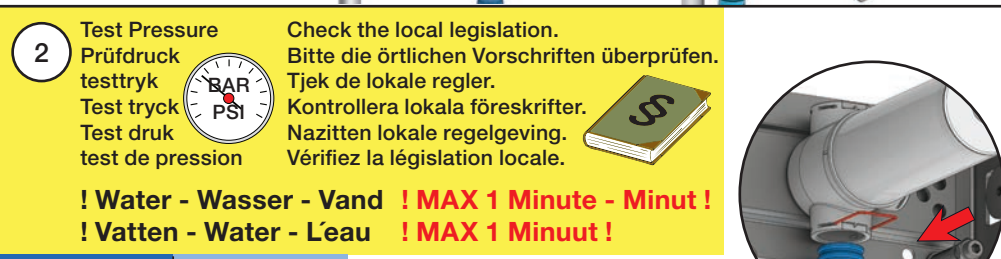
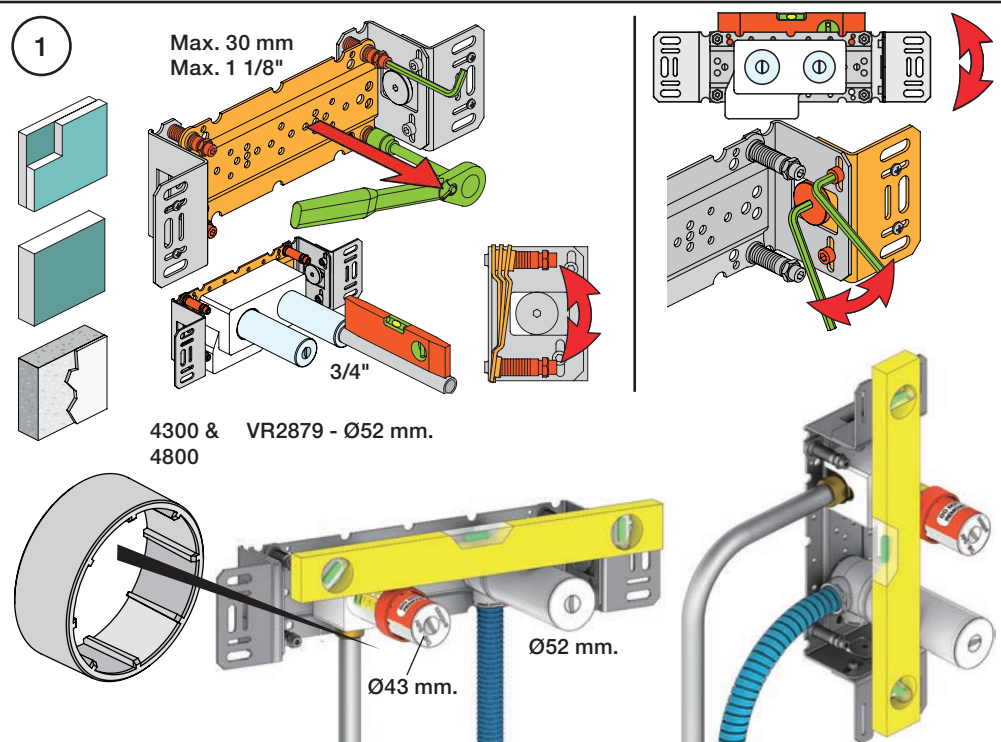
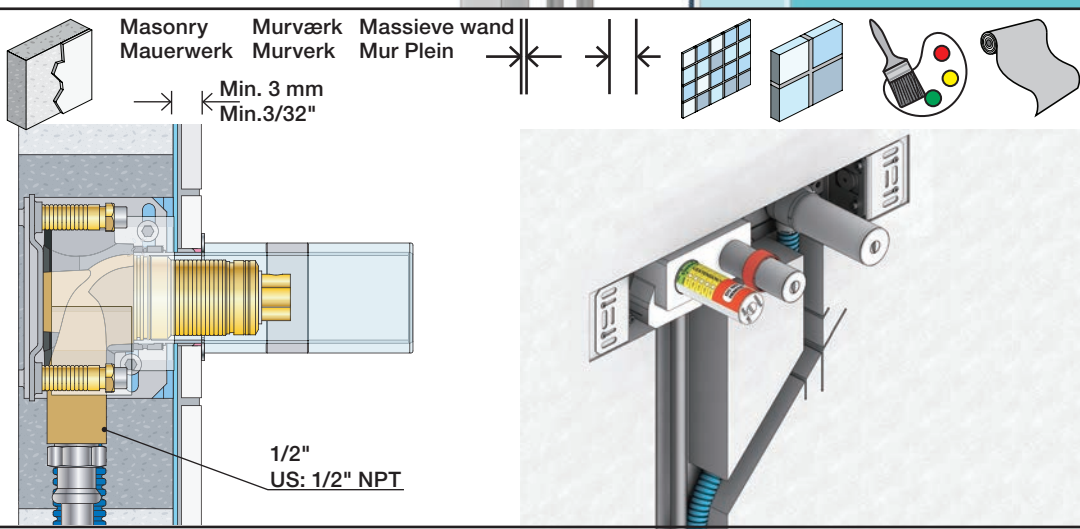
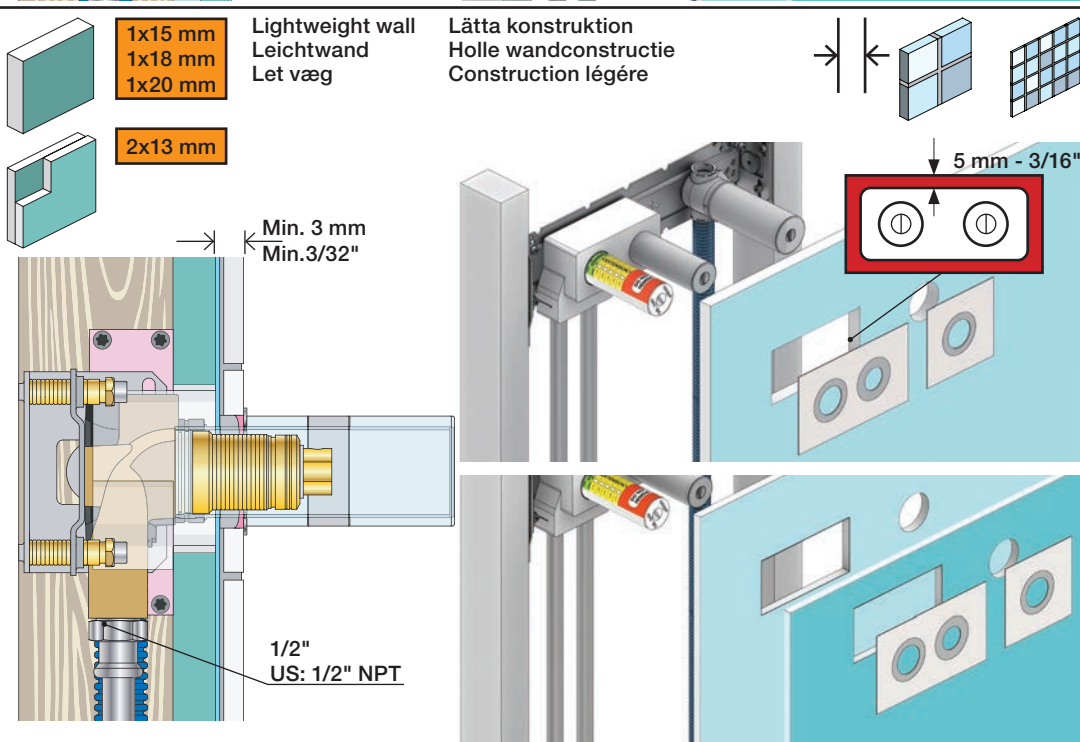
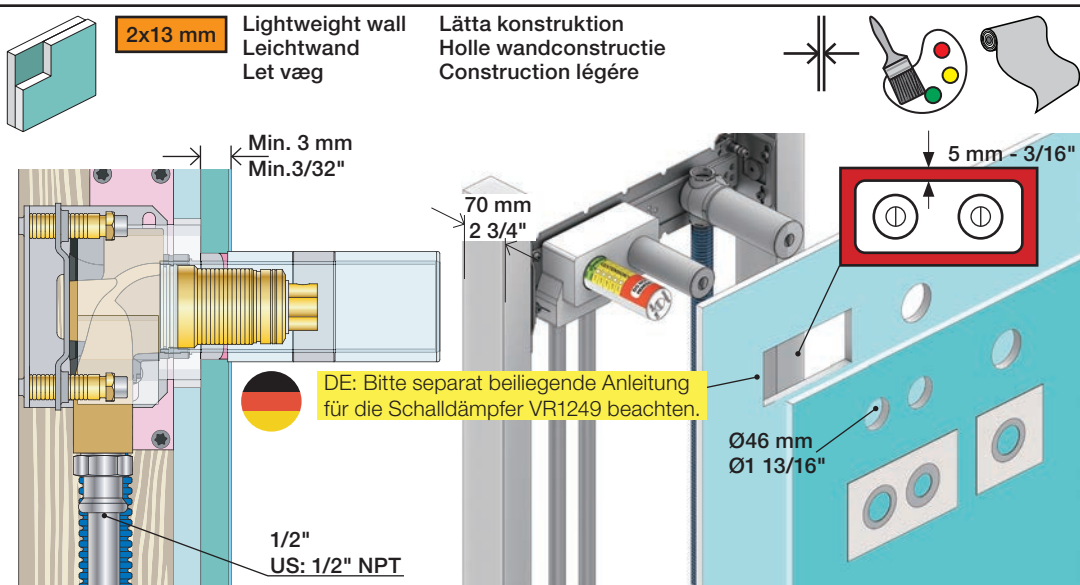


|            | T           | Y    | VR1260/VR2019 | VR513A |
|------------|-------------|------|---------------|--------|
| 3 - 15 mm  | 110 - 98 mm | Std. | Std.          |        |
| 15 - 25 mm | 98 - 88 mm  | +10  |               | x1     |
| 25 - 35 mm | 88 - 78 mm  | +20  |               |        |
| 35 - 45 mm | 78 - 68 mm  | +30  |               | x2     |
| 45 - 55 mm | 68 - 58 mm  | +40  |               |        |
| 55 - 65 mm | 58 - 48 mm  | +50  |               | x3     |



|            | X    | VR1260/VR2019 | VR513A |
|------------|------|---------------|--------|
| 40 - 52 mm | Std. | Std.          |        |
| 30 - 40 mm | +10  |               | x1     |
| 20 - 30 mm | +20  |               |        |
| 10 - 20 mm | +30  |               | x2     |
| 0 - 10 mm  | +40  |               |        |
| -10 - 0 mm | +50  |               | x3     |





VOLA Electronic

Elektronikboks

Valve box

Ventil Kasten

Ventilbox

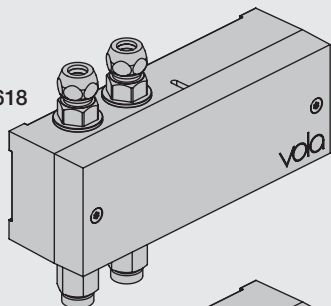
Ventiel doos

Boite étanche avec vanne

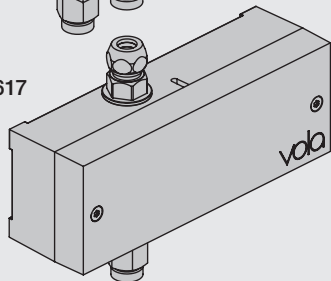


EU EMC directive  
2004/108/EU  
IPX4

VR2618



VR2617



www.vola.com

mnt\_Elektronikbox\_V10\_40999840  
17-03-2022

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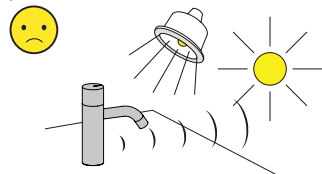


vola

| Settings:<br>Einstellung:                                                                           | Setting:<br>Justering: | Afstelling:<br>Réglage: |     |     |                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------|------------------------|-------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                     | Sec.                   | 1                       | 2   | 3   | 4                                                                                                                                                                                                                                                      |
| DEFAULT SETTING:                                                                                    |                        | ON                      | ON  | ON  | ON                                                                                                                                                                                                                                                     |
| ON                                                                                                  | 0                      | ON                      | ON  | ON  | <b>ON = 20 sec.</b><br>- hygienic rinse every 24h.<br>- hygienische spülung jede 24 stunde.<br>- hygiejneskyl 24t efter sidste brug.<br>- hygienisk skölja varje 24 timmar.<br>- hygiénisch spoelen iedere 24 uur.<br>- Rinçage hygiénique chaque 24h. |
| OFF                                                                                                 | 3                      | ON                      | OFF | ON  |                                                                                                                                                                                                                                                        |
|                                                                                                     | 5                      | ON                      | OFF | OFF |                                                                                                                                                                                                                                                        |
|                                                                                                     | 8                      | OFF                     | ON  | ON  |                                                                                                                                                                                                                                                        |
|                                                                                                     | 10                     | OFF                     | ON  | OFF |                                                                                                                                                                                                                                                        |
|                                                                                                     | 15                     | OFF                     | OFF | ON  |                                                                                                                                                                                                                                                        |
|                                                                                                     | 20                     | OFF                     | OFF | OFF |                                                                                                                                                                                                                                                        |
| SPECIAL:<br>Long spout<br>Lange Auslauf<br>Langt udløb<br>Långt utlopp<br>Lange uitloop<br>Long bec | *0                     | ON                      | ON  | OFF |                                                                                                                                                                                                                                                        |

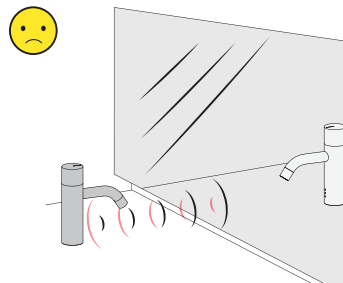
installation requirements:  
Installationsanforderungen:

Sunlight or light from halogen lamps can shorten the signal range.  
Sonnenlicht oder Licht von Halogenlampen können das Signal verkürzen.  
Skarpt sollys eller halogenlys, kan forkorte rækkevidden.  
Starkt sollys eller halogenbelysning kan förkorta signalen/känsligheten.  
Directe lichtinval van de zon of van halogeen lampen kan het signaal verkorten.  
La lumière du soleil ou des lampes à halogène peut perturber le fonctionnement du détecteur.

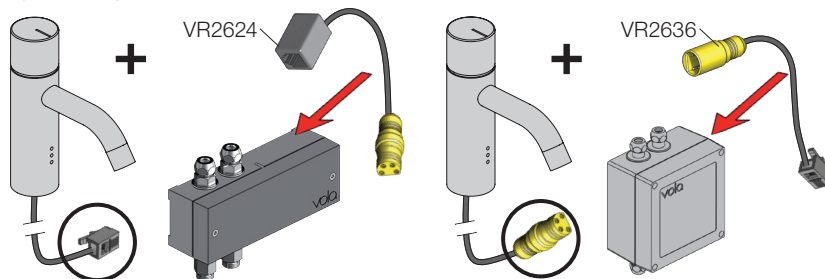


Krav til installation:  
Installationskrav:

No mirroring surfaces opposite the sensor.  
Keine spiegelnden Flächen vor dem Sensor.  
Ingen reflekterende overflader modsat sensoren.  
Inga speglade ytor motsatta sensorn.  
Geen spiegelen oppervlakken tegenover de sensor.  
Pas de surfaces réfléchissantes opposées du capteur.



Adapter/ Adapteur VR2624 & VR2636



**DC Power supply**  
**DC Stromversorgung**  
**DC Nätaggregat**

**DC strømforsyning**  
**DC Nätaggregat**

**DC voeding**  
**Alimentation électrique**

VR2622: ROW & GB 110 - 230V~/50-60Hz  
VR2626: EU 9V~/300 mA  
VR2623, IPX5: 100 - 240V~/50-60Hz/130mA  
9V~/660 mA

VR2622/VR2626: VR2623, IP64:

**VR2622-VR2623-VR2626**  
**VR2624-VR2636:**  
 To be ordered separately  
 Separat bestillen  
 Bestilles særskilt  
 Beställas separat  
 Apart te bestellen  
 À commander séparément

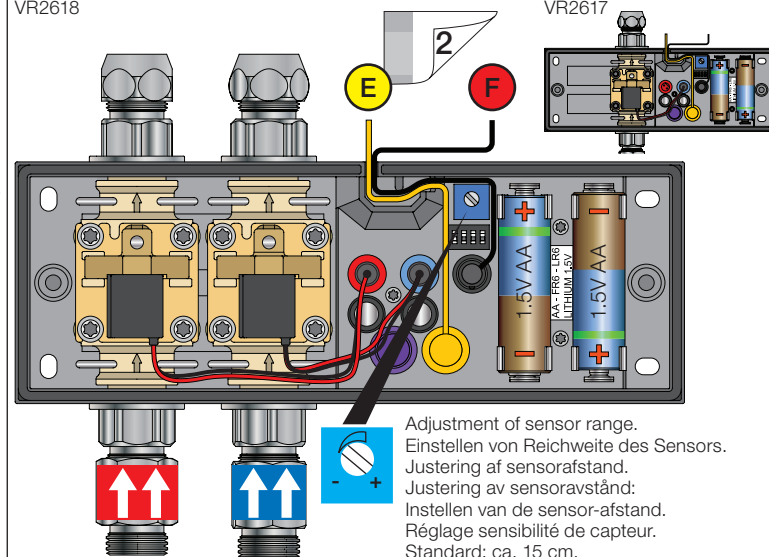
**Battery operation**  
**Batteriebetrieb**  
 2 x 1.5V AA - FR6 - FR6

**Batteridrift**  
**Batteridrift**

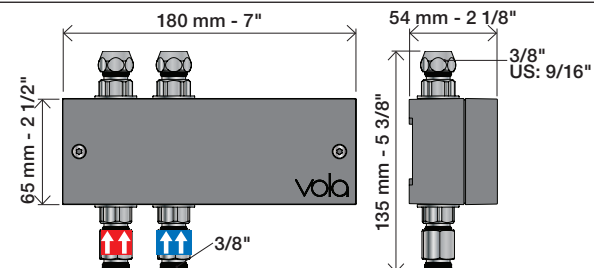
**Batterij bedrijf**  
**Fonctionnement sur batterie**

Batteries **MUST** be removed if operated by Power supply.  
 Batterien **MÜSSEN** bei Stromversorgung entfernt werden.  
 Batterierne **SKAL** fjernes ved brug af strømforsyning.  
 Batterier **SKAL** tas bort om der anvendes nätaggregat.  
 Batterijen **MOETEN** worden verwijderd als ze op netvoeding werken.  
 Les piles **DOIVENT** être impérativement retirées si on utilise l'alimentation électrique.

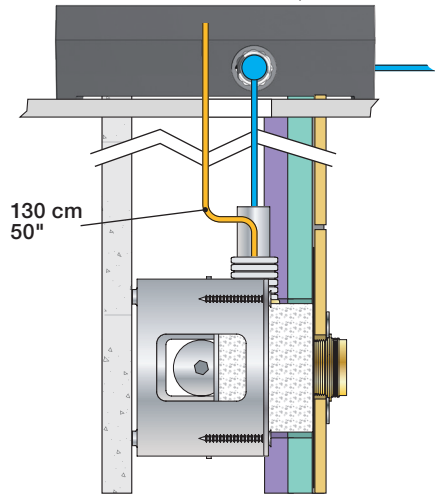
VR2618



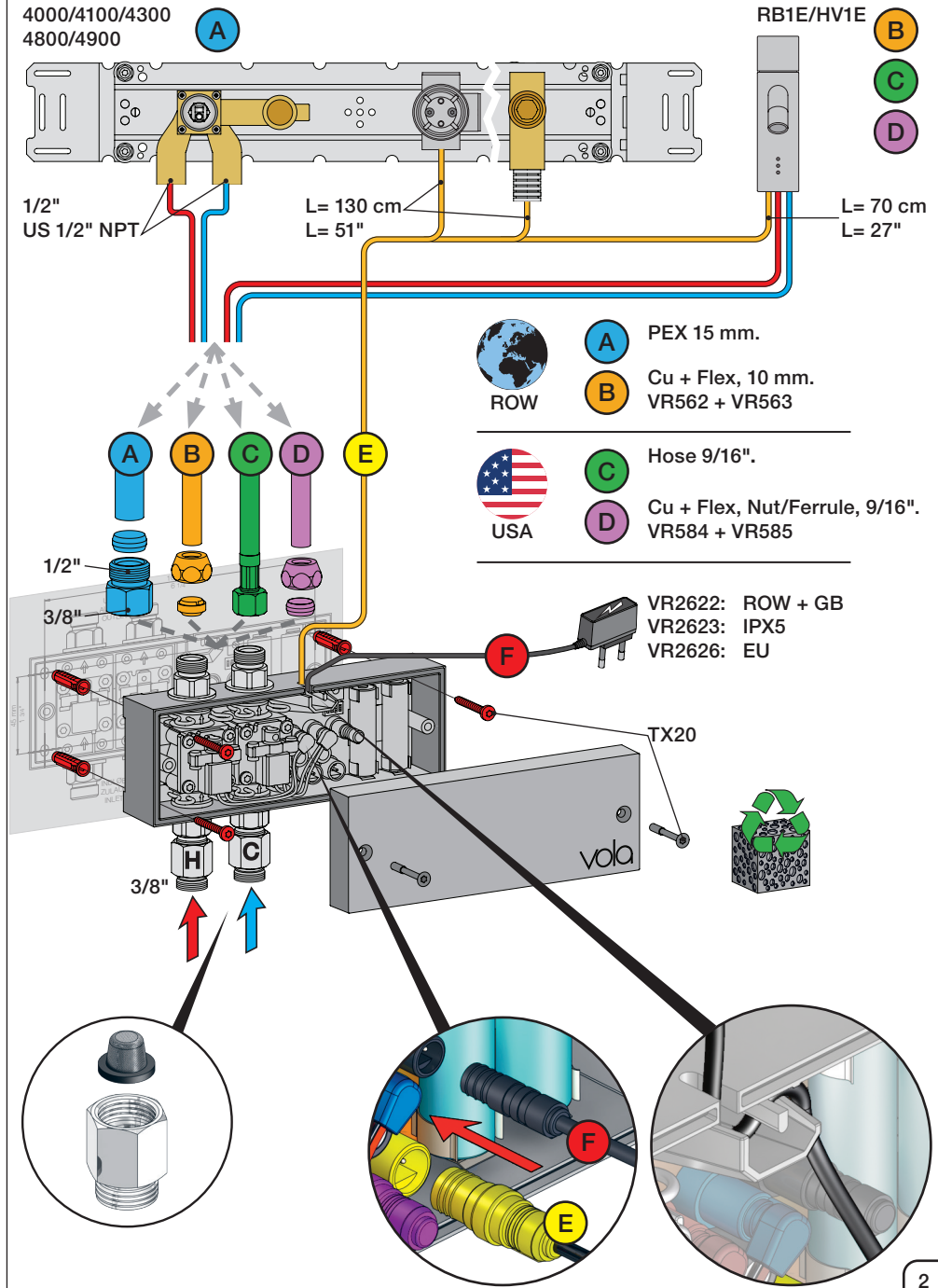
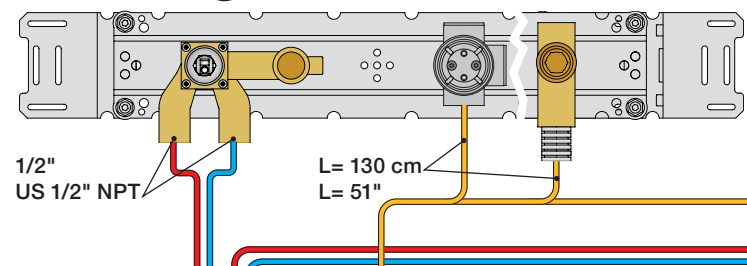
Adjustment of sensor range.  
Einstellen von Reichweite des Sensors.  
Justering af sensorafstand.  
Justering av sensoravstånd:  
Instellen van de sensor-afstand.  
Réglage sensibilité de capteur.  
Standard: ca. 15 cm.

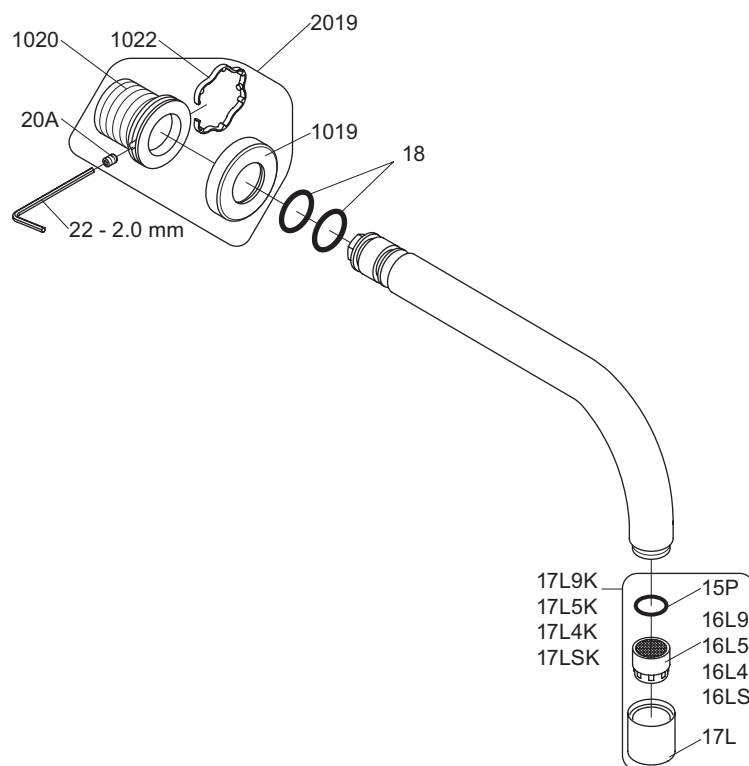


Takmonterad  
Plafondmontage  
Monté au plafond



This technical drawing shows a wall-mounted gas valve assembly. The main component is a rectangular gas control valve with a circular pressure gauge on its front. It is connected to a gas line via a yellow pipe and to a gas burner assembly via a blue pipe. A pressure gauge is also shown on the gas line, connected to the main valve assembly. The drawing includes a vertical scale on the left side with markings from 0 to 100 cm.





VR17L9K: VR15P, VR16L9, VR17L  
 VR17L5K: VR15P, VR16L5, VR17L  
 VR17L4K: VR15P, VR16L4, VR17L (US Standard)  
 VR17LSK: VR15P, VR16LS, VR17L  
 VR1020K: VR20A, VR22, VR1020, VR1022  
 VR2019: VR20A, VR22, VR1019, VR1020, VR1022



**vola**

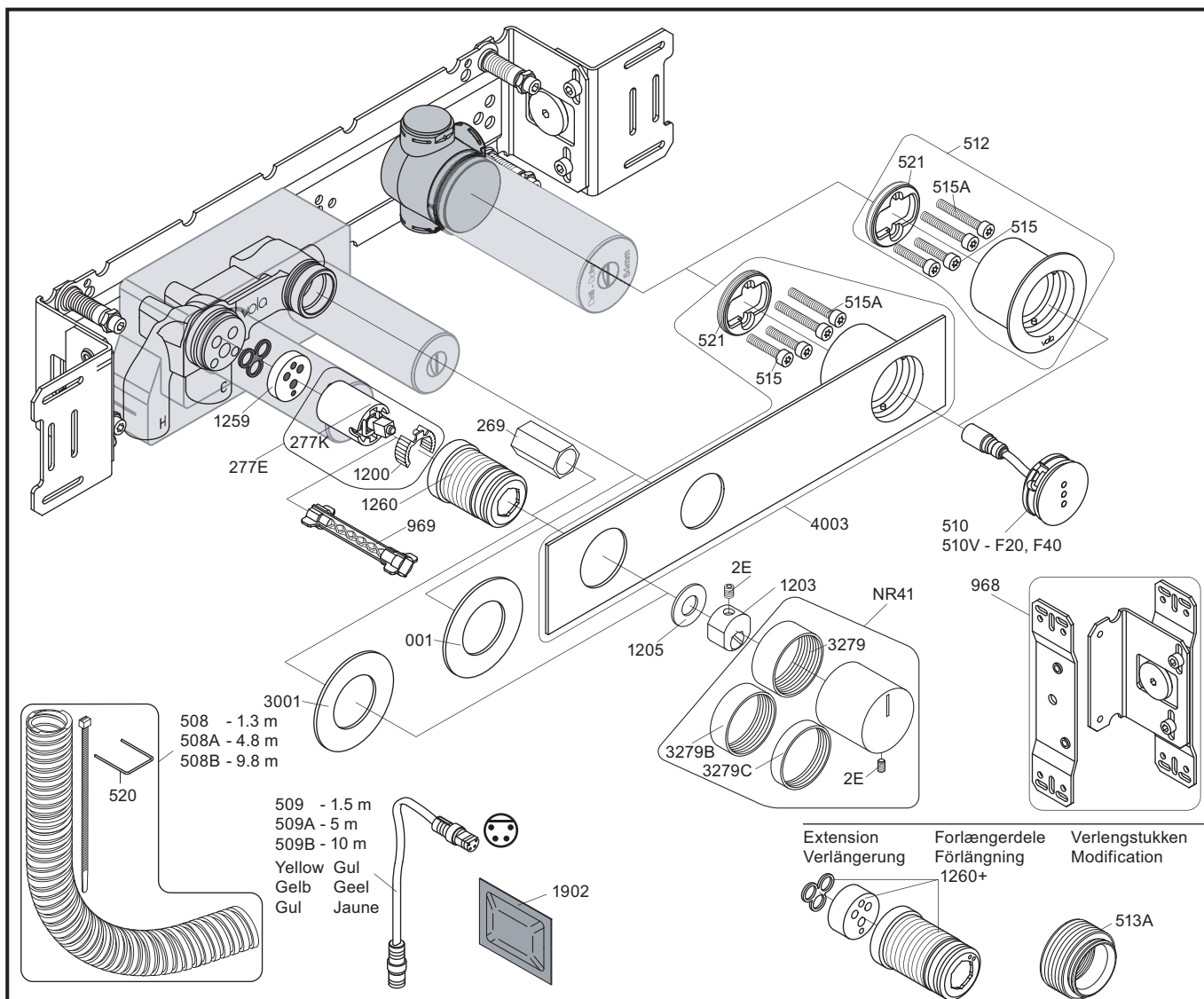
Lunavej 2  
 DK-8700 Horsens  
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 sales@vola.com  
 www.vola.com

**VOLA 010 / 020**

Date  
 Apr. 21

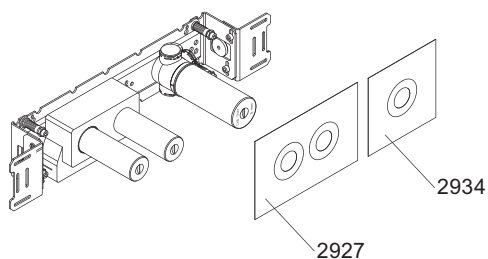
Rev.  
 3

Sheet  
 SB11

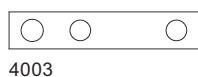
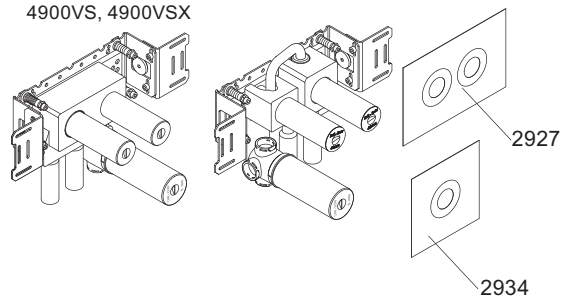


NR12A: VR2E, VR1202A  
 VR277E: VR277, VR1200  
 VR512: 2xVR515, 2xVR515A, VR521  
 VR4003: 2xVR515, 2xVR515A, VR521

4900



4900VS, 4900VSX



4003



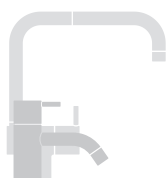
-



3001, 001, 512



3001, 001, 512



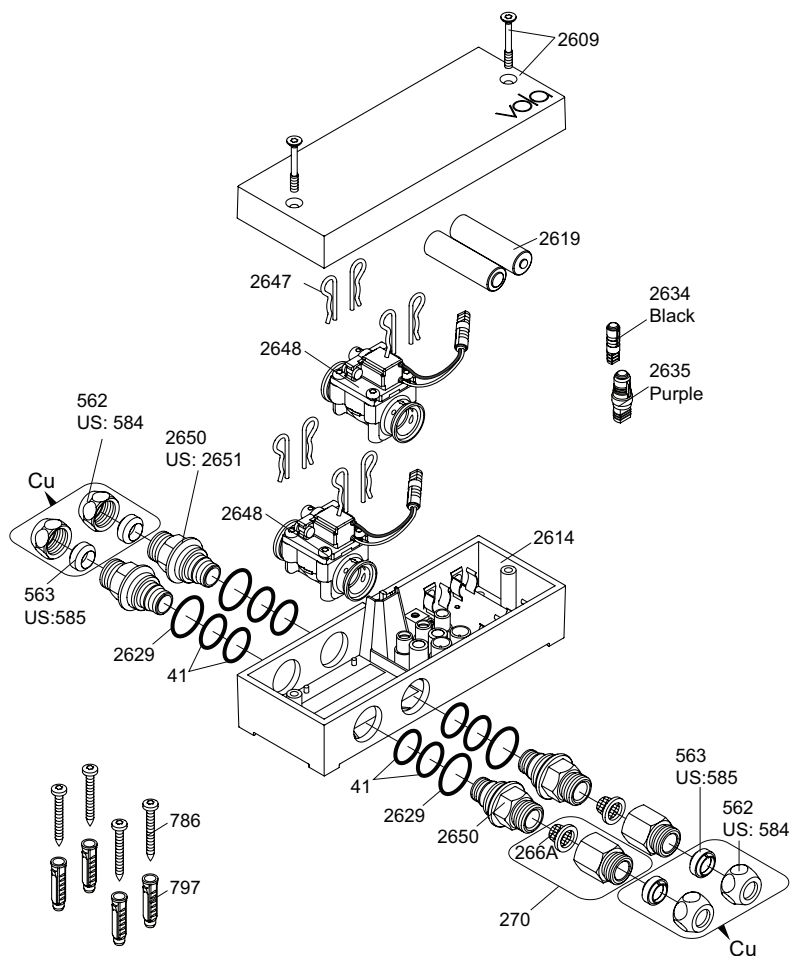
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**VOLA 4900**  
 4900VS, 4900VSX

Date  
 Apr. 21

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 2

Sheet  
 SB 40.49



VR2650: 2xVR41, VR2652, VR2629  
 VR2651: 2xVR41, VR2652, VR2629 (USA)  
 VR2654: 4xVR2647, VR2648, 2xVR2650, 2xVR266A

#### Additional parts Zusätzliche Teile Supplernde dele Ytterligare delar

#### Extra onderdelen Pièces supplémentaires Las piezas adicionales

Remote control  
Fernbedienung  
Fjernbetjening  
Fjärrkontroll

Afstandsbediening  
Contrôle à distance  
Telemando

2625



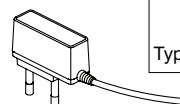
Power supply  
Netzteil  
Strømforsyning  
Strömförsörjning

Stroomvoorziening  
Alimentation  
Convertidor adaptador



2622: ROW&GB  
2626: EU

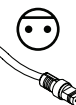
|       | EU | GB | US | AUS |
|-------|----|----|----|-----|
| Type: | C  | G  | A  | I   |



2623: IPX5

Extension

2639 - 5 m  
2645 - 10 m



Black  
Schwarz  
Sort

Svart  
Zwart  
Noir

Signal cable  
Signalkabel

Signaalkabel  
Câble de signal  
Cable de señal



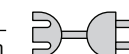
41XX, 49XX:

509 - 1.5 m  
509A - 5 m  
509B - 10 m



Yellow  
Gelb  
Gul  
Gul  
Geel  
Jaune

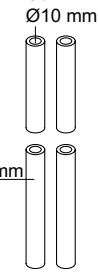
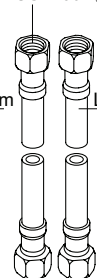
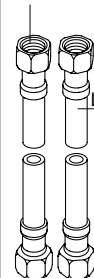
RB1E, HV1E:  
2656 - 1.5 m



247

US: 2601\$

Cu: 221:  
Ø10 mm



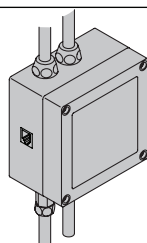
L 500 mm

L 500 mm

L 350 mm

Adapter  
Adapteur

Discontinued model  
aufgehörte Modell  
Udgået model  
Avvecklad modell  
Beëindigde model  
Modèle discontinué



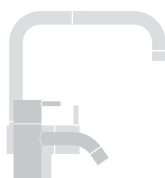
2624  
L 200 mm



RJ10 - 4/4

2636  
L 200 mm

RJ10 - 4/4



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**VOLA VR2618  
HV1E/4100/4900**

Date:

Feb. 23

Rev.:

2

Sheet:

**SB21.16**