

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. 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

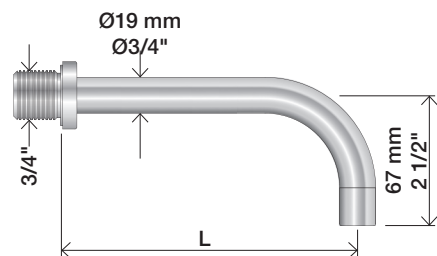


For more water saving possibilities please see:
 Weitere Wassersparmöglichkeiten finden Sie auf:
 For flere vandbesparende muligheder se venligst:
 För mer vattenbesparande möjligheter hänvisas till:
 Voor meer waterbesparende mogelijkheden zie:
 Pour plus d'informations sur les options : économie d'eau,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

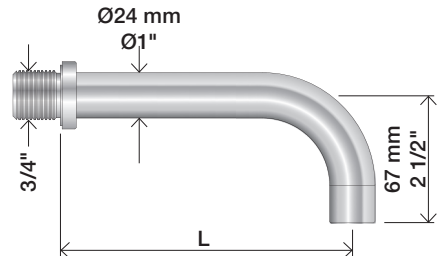
www.vola.com



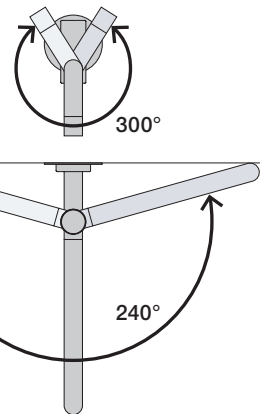
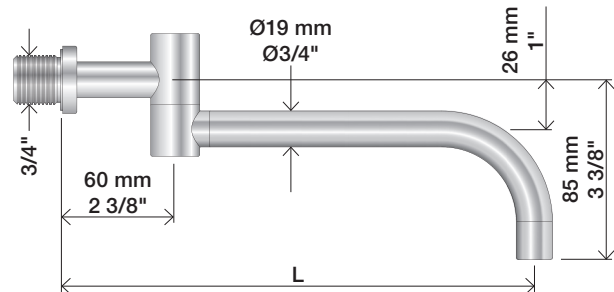
010, 020



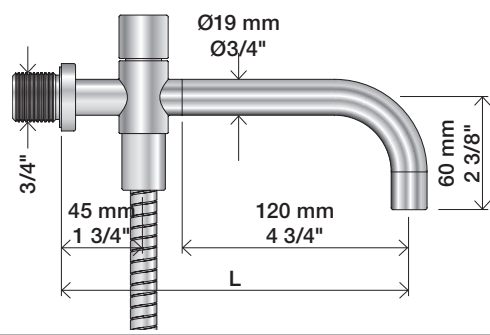
010C, 020C



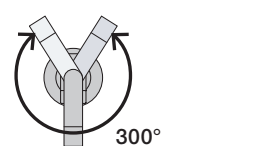
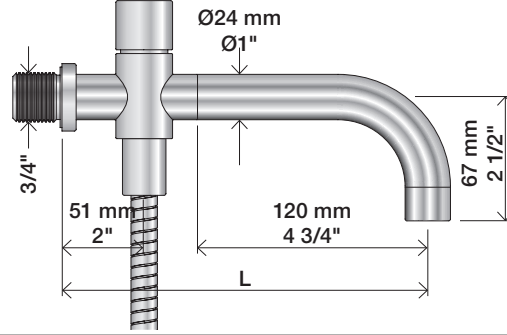
030



040



040D



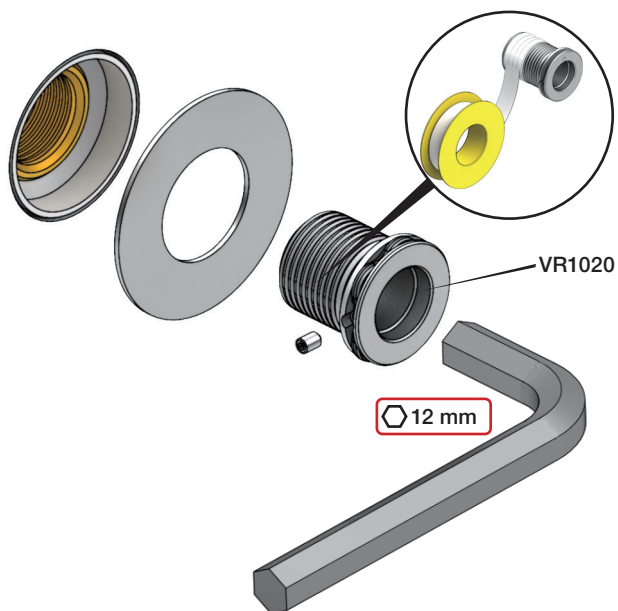
	L (mm)	L (Inch)
010(C)/100	100	4"
010(C)/130	130	5"
010(C)/160	160	6"
020(C)/200	200	7 3/4"
020(C)/225	225	8 3/4"
020(C)/260	260	10 1/4"
020(C)/300	300	11 3/4"

	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

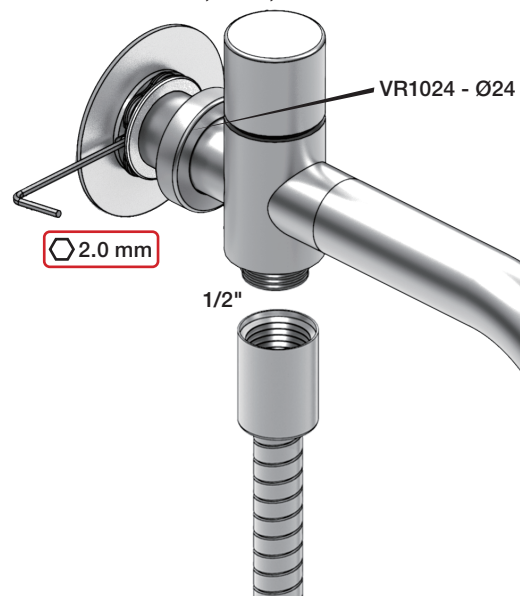
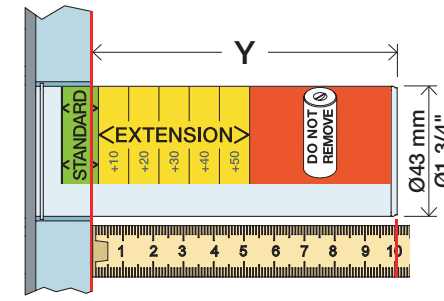
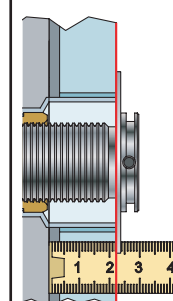


3

Ø19: 010, 020, 030, 040

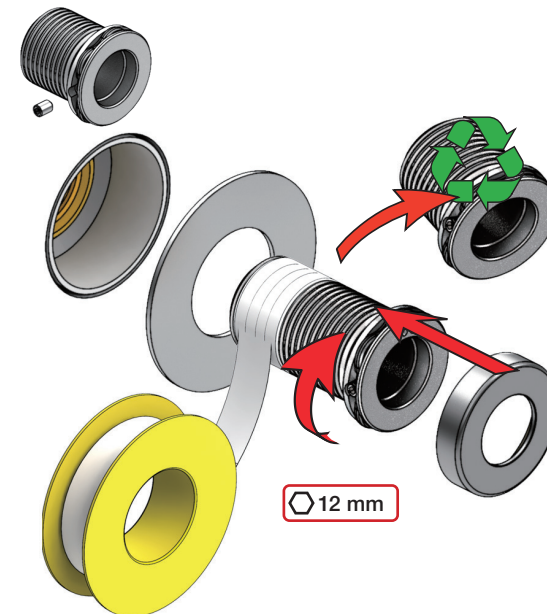


Ø24: 010C, 020C, 040D

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

T	Y	VR2019 (Ø19) 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

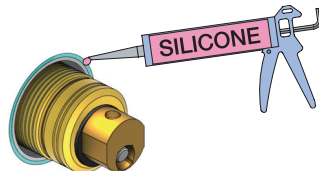
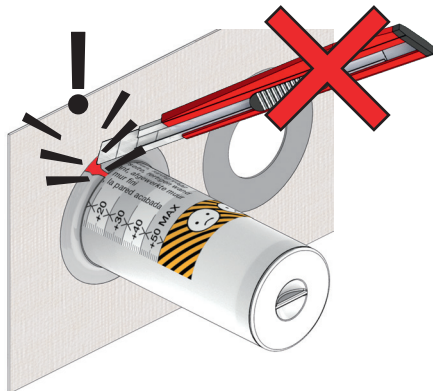
Do not cut the membrane
Die Membran nicht schneiden
Skær ikke membranen
Skär inte membranet
Snij het membraan niet door
Ne coupez pas la membrane
No cortar la membrana

NR.41:

1

VR512:
4002/L/V:
4003:

2



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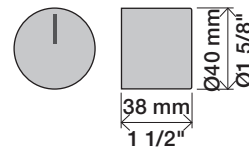
vola

mnt_NR41_40998512_V1

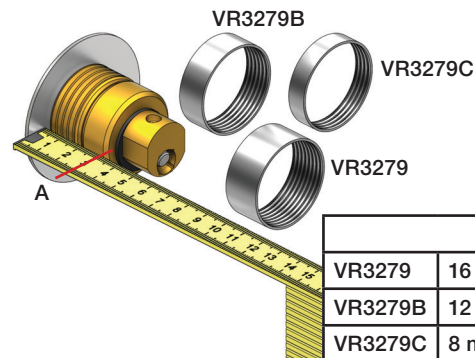


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NR 41

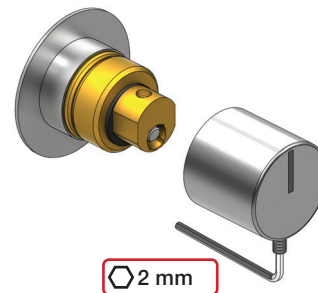


NR 41 - 1



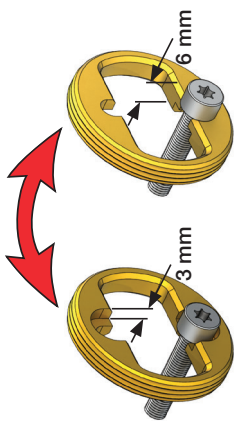
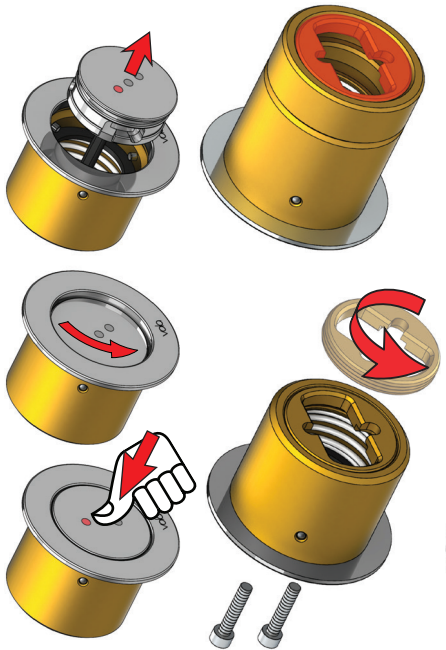
		A
VR3279	16 mm	31 - 36 mm
VR3279B	12 mm	27 - 32 mm
VR3279C	8 mm	23 - 28 mm

NR 41 - 2

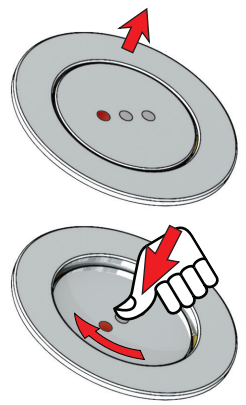
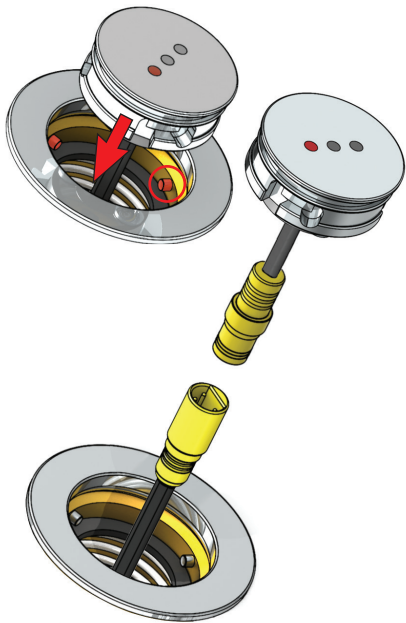
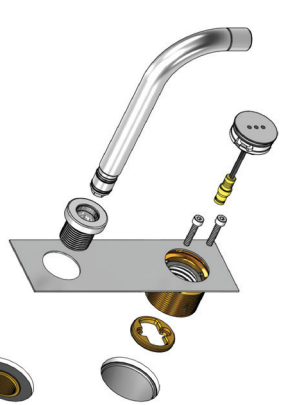
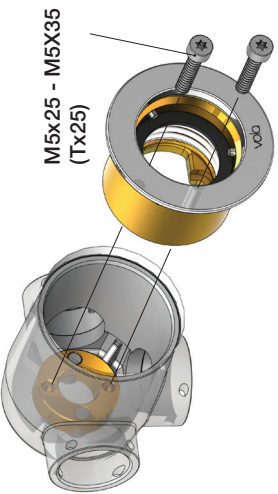


VR512
4002L

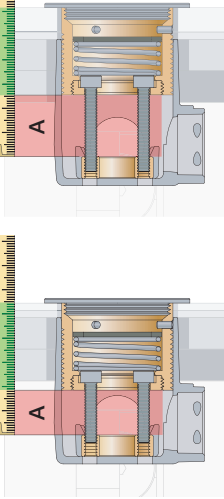
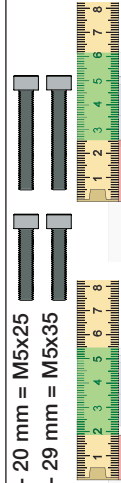
4002V
4003



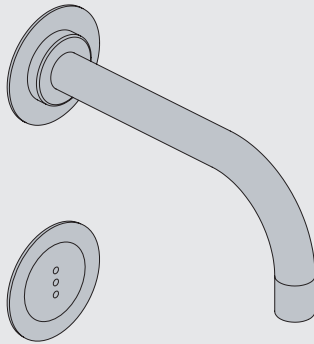
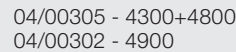
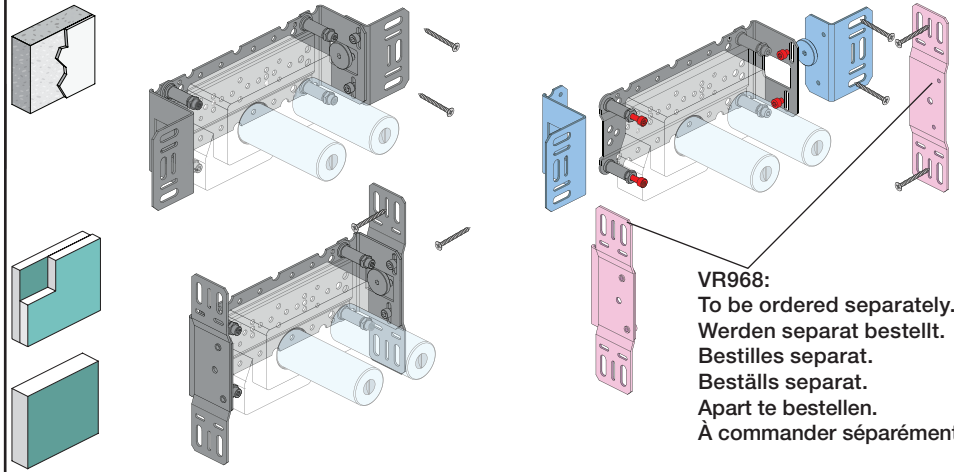
4002L/V:
4003:



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



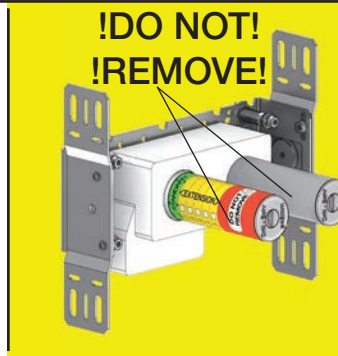
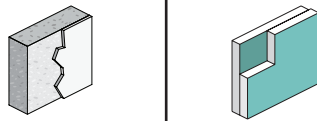
VR513A:						
Tiles: Fliesen: Fliser: Fliser: Tegels: Carreaux:	3 - 15 mm	Standard				
	15 - 25 mm	x1				
	25 - 35 mm					
	35 - 45 mm	x2				
	45 - 55 mm					
	55 - 65 mm	x3				

[illegible]

VR968:
To be ordered separately.
Werden separat bestellt.
Bestilles separat.
Beställs separat.
Apart te bestellen.
À commander séparément.

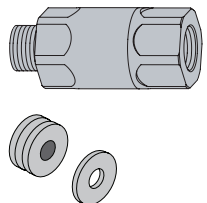
A	Data, 3 Bar/43.5 Psi:			Max. 65°C, 150°F
		l/min.	Gal/min.	
	4300:	30.0	7.9	
	4800:	30.0	7.9	
	4900:	18.3	4.8	Max.: 10 Bar/145 psi

B Check the local legislation.
Bitte die örtlichen Vorschriften überprüfen.
Tjek de lokale regler.
Kontrollera lokala föreskrifter
Nazitten lokale regelgeving.
Vérifiez la législation locale.



  DE:
Bitte separat beiliegende Anleitung für die Schalldämpfer
VR1249 beachten

DE:
Bitte separat beiliegende Anleitung für die Schallentkopplung
VR972 beachten



D	Cabling	Kabelføring	Bekabeling		2
	Verkabelung	Kabeldragning	Câblage		

 = Ø10 - 1/2"

4300/4800:

Alt.: 

Premixed water
Vorgemischte Wasser
Forblandet vand
Förblandade vatten
Voorgemengd water
D'eau prémélangée

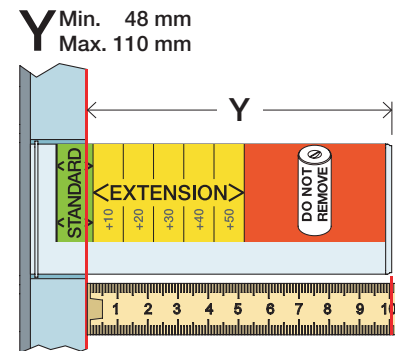
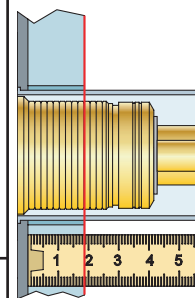
4900:

[illegible]

The diagram shows a yellow VR1260 valve with a black line pointing to a selection chart. The chart is a 2x3 grid of orange circles, each containing a pressure rating. The ratings are: STD, +10, +20 in the top row, and +30, +40, +50 in the bottom row. The number of dots around each rating increases with the pressure value.

STD	+10	+20
+30	+40	+50

Y Min. 48 mm
Max. 110 mm



	T	Y	VR1260/VR2019	VR513/
	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	

Fitting of extension
Montage von verlängerung

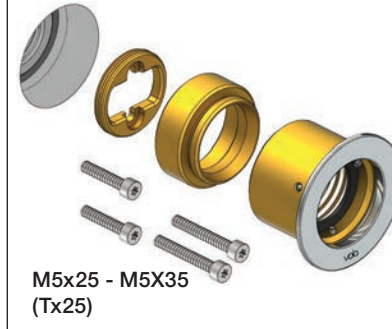
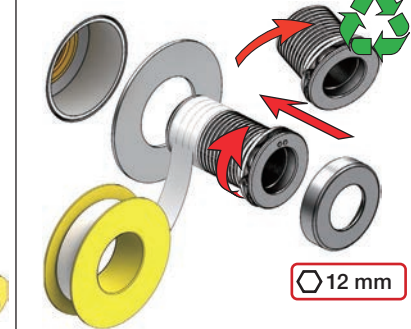
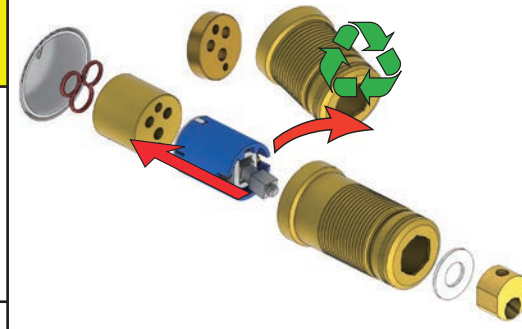
Montering af forlængerdele
Montering av förlängning

Montage van de verlengstukken
Montage des rallonges

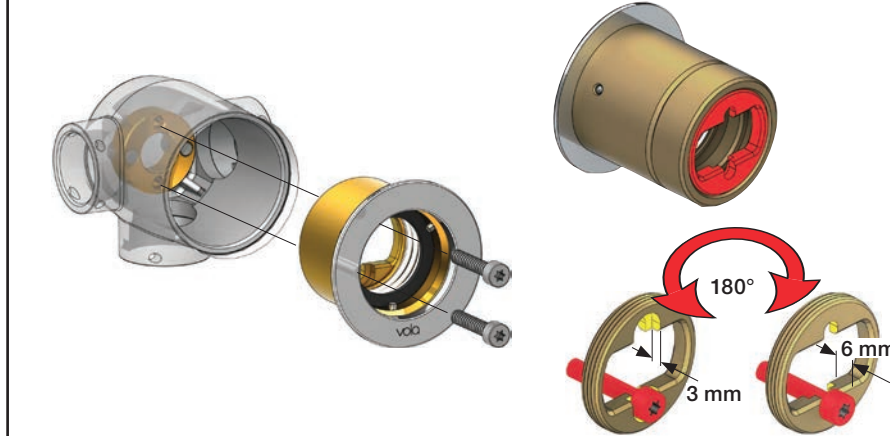
VR1260+

VR2019+

VR513A

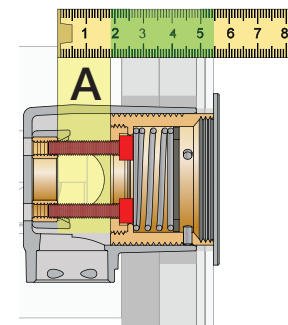


VR513A



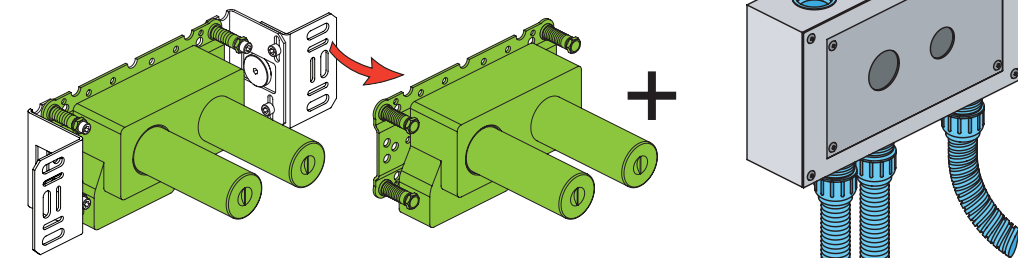
A: 10 - 20 mm = M5x25 

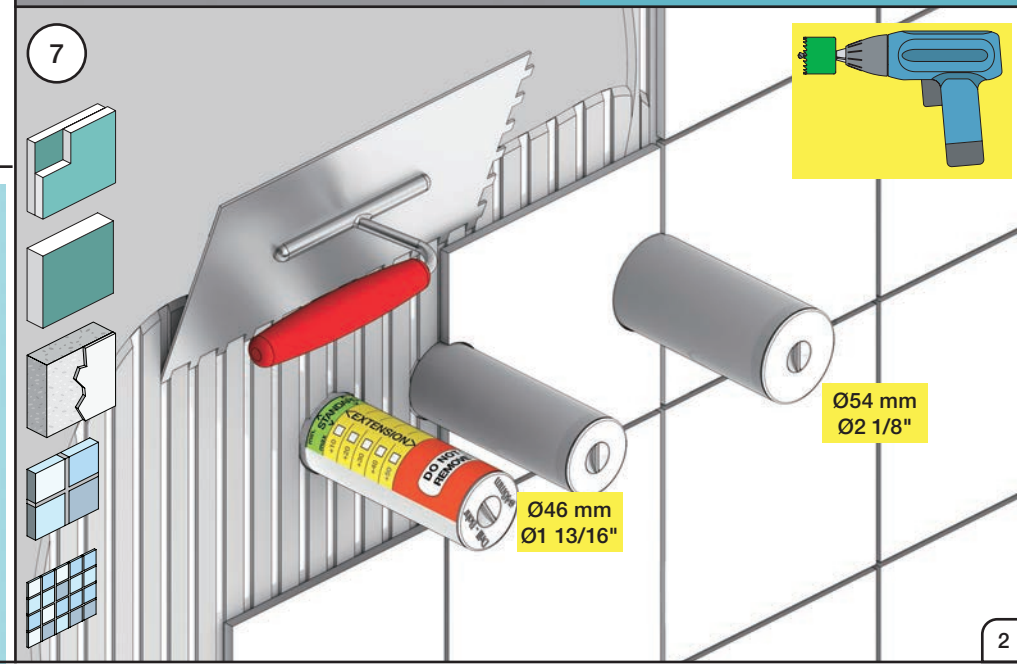
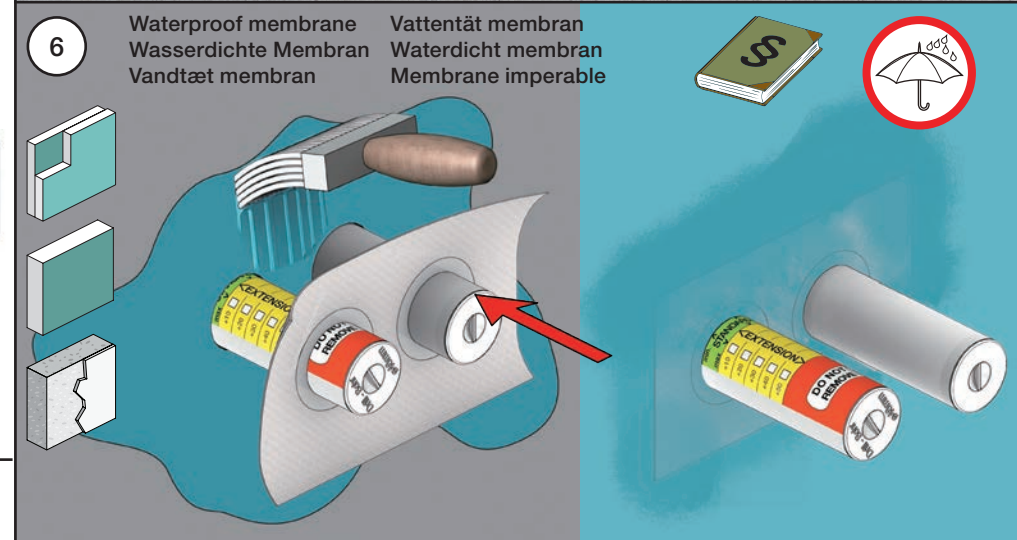
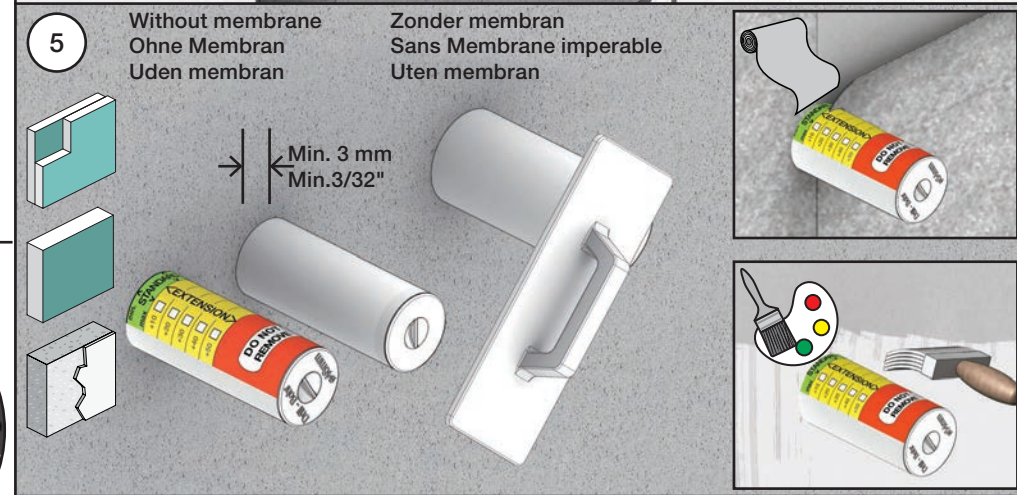
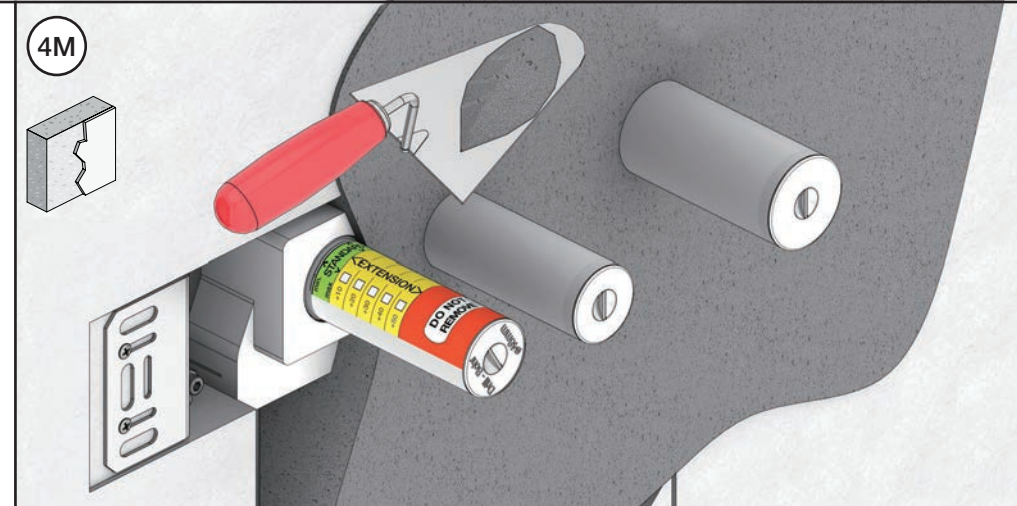
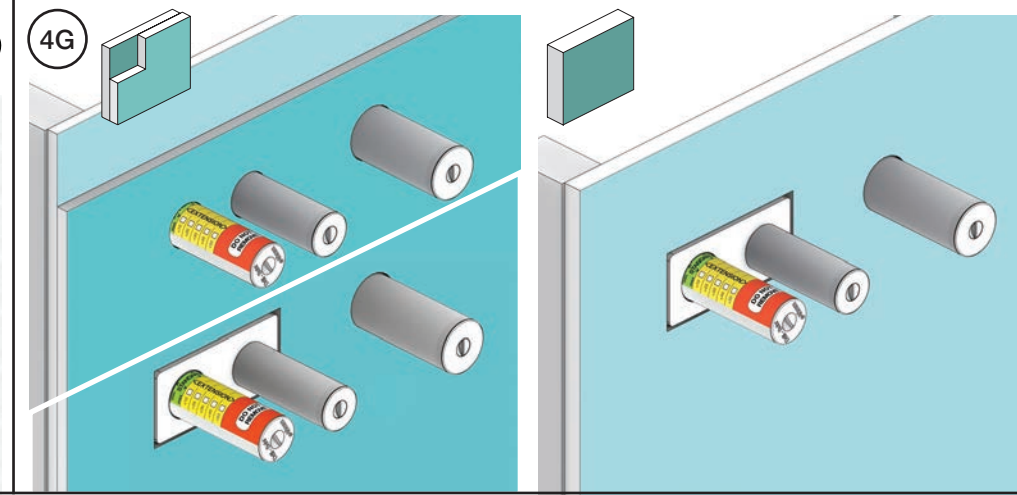
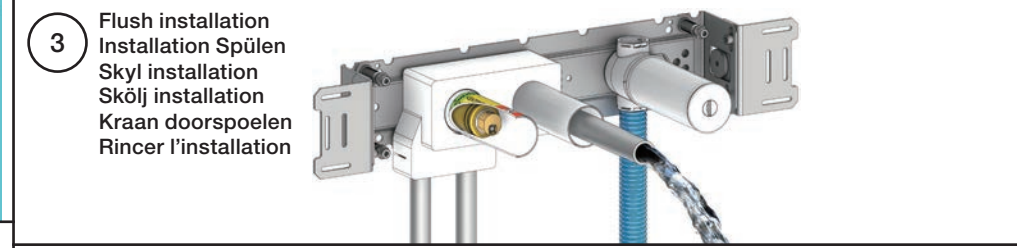
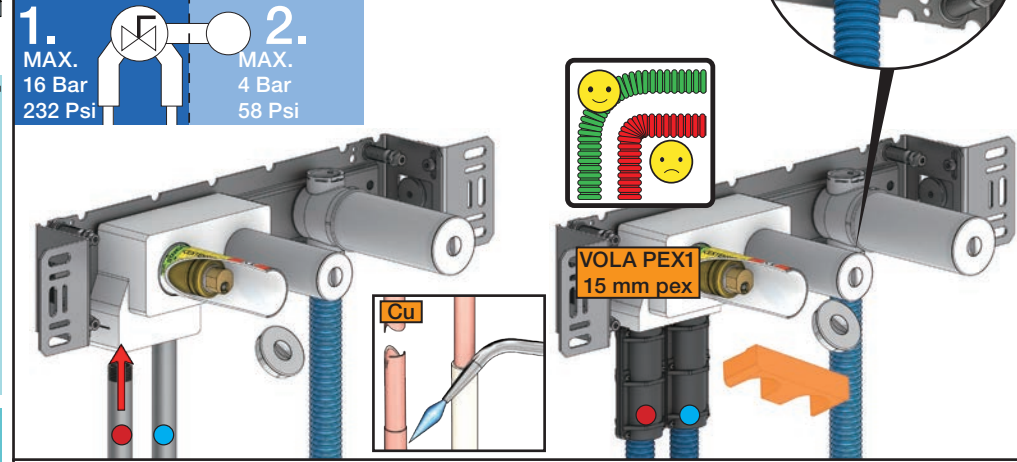
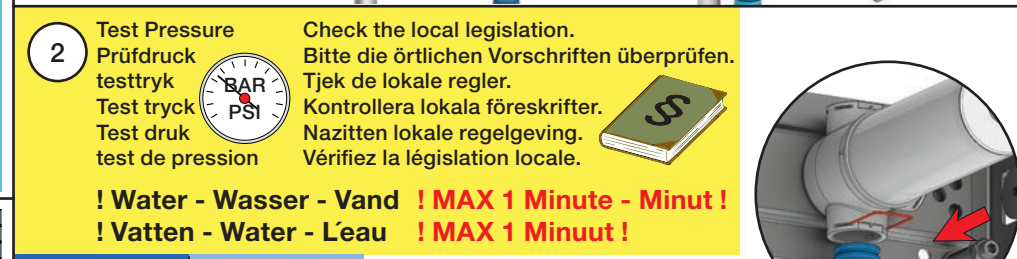
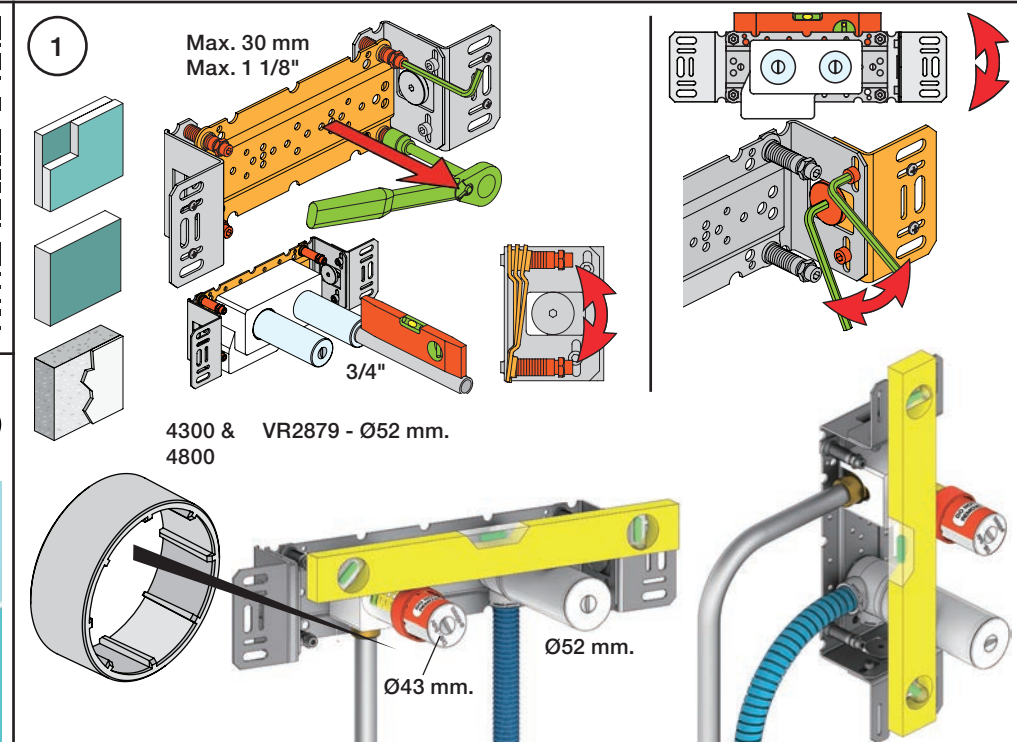
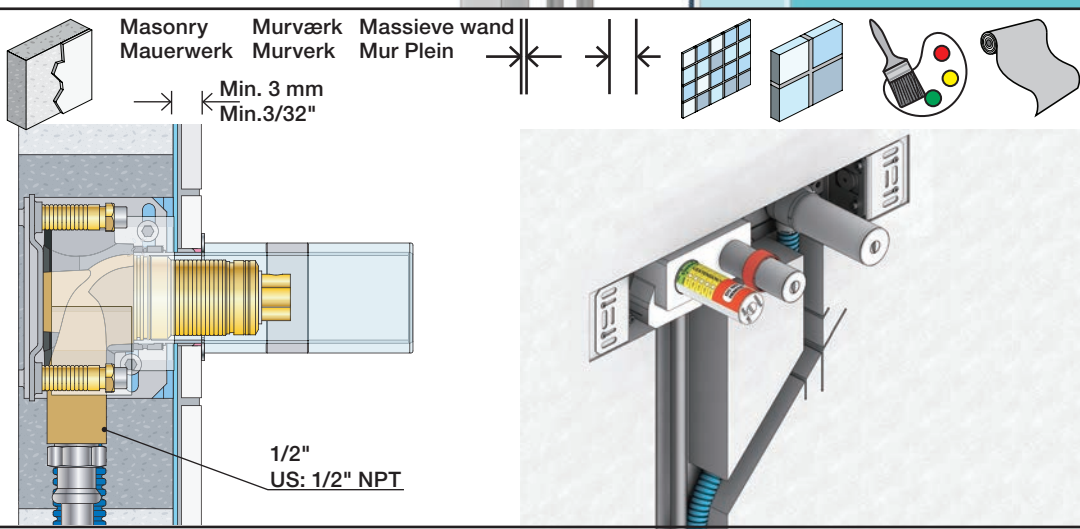
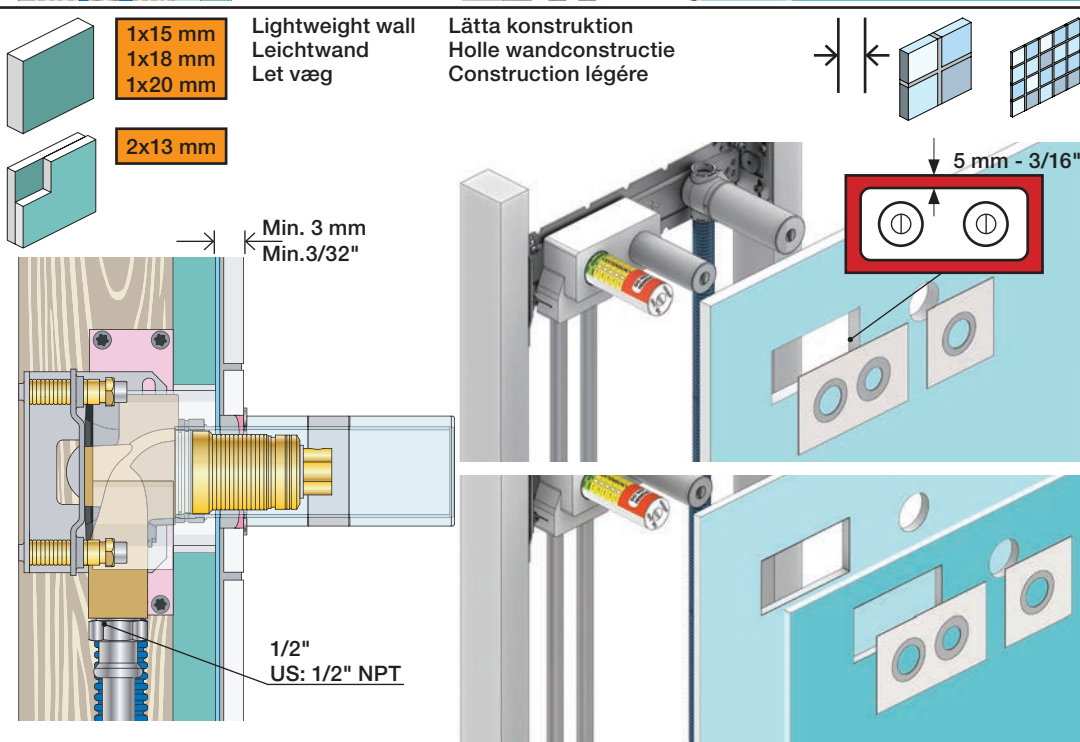
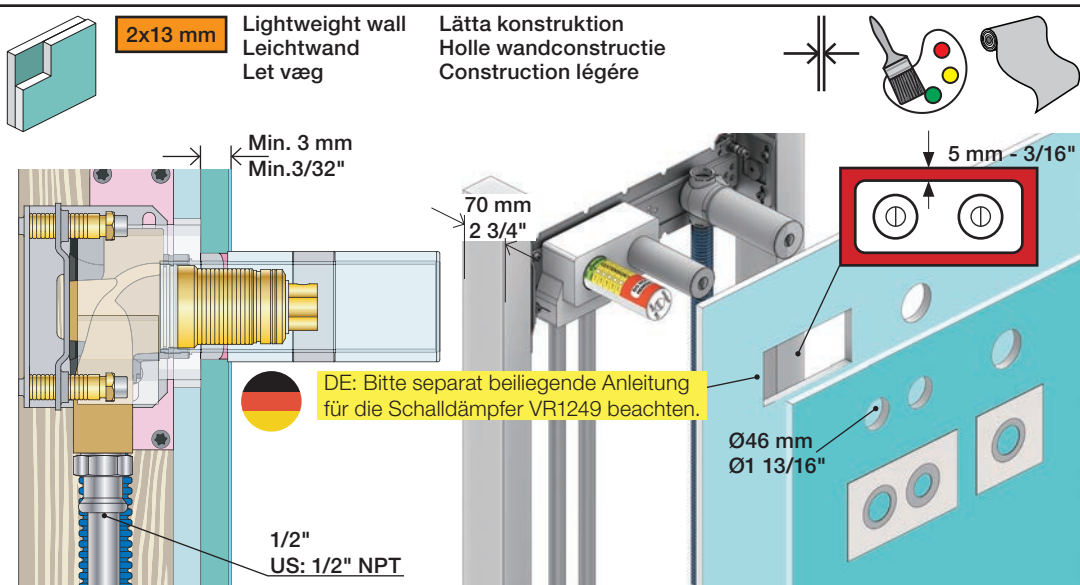
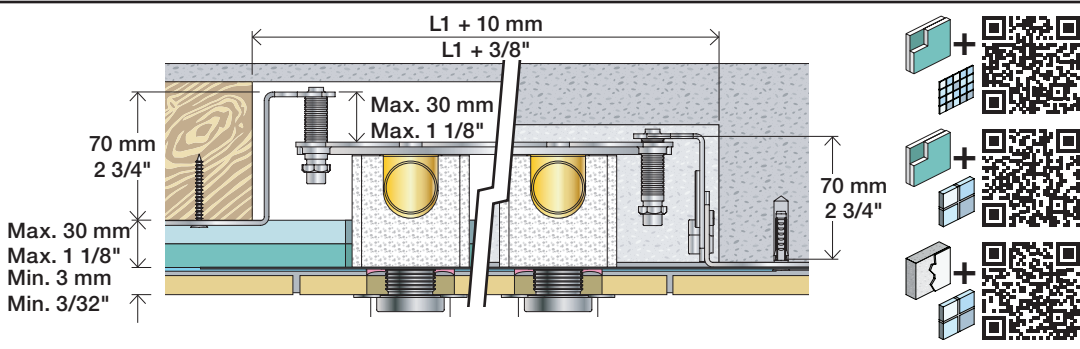
A: 20 - 29 mm = M5x35 



Box till inbyggnadsblandare.
Boks til indbygningsblander.
Laatikko seinäasenteiselle sekoittajalle.

Ingår inte i leveransen, köps separat.
Ikke inkludert, kjøpes separat.
Eivät sisälly tilaukseen, ostettava erikseen.





VOLA Electronic

Elektronikboks

Valve box

Ventil Kasten

Ventilbox

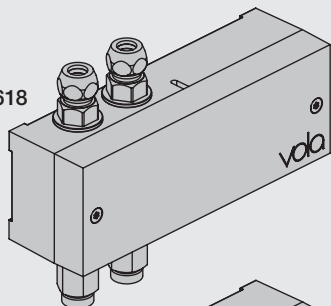
Ventiel doos

Boite étanche avec vanne

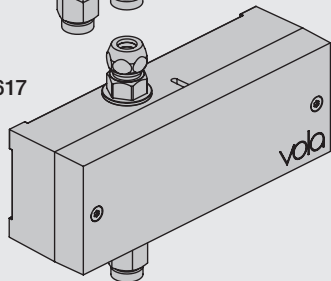


EU EMC directive
2004/108/EU
IPX4

VR2618



VR2617



www.vola.com

mnt_Elektronikbox_V10_40999840
17-03-2022

© VOLA A/S

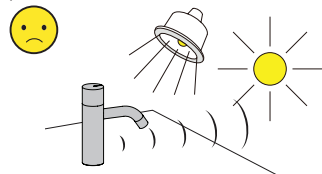


vola

Settings: Einstellung:	Setting: Justering:	Afstelling: Réglage:			
	Sec.	1	2	3	4
DEFAULT SETTING:		ON	ON	ON	ON
ON	0	ON	ON	ON	ON = 20 sec. - hygienic rinse every 24h. - hygienische spülung jede 24 stunde. - hygiejneskyl 24t efter sidste brug. - hygienisk skölja varje 24 timmar. - hygiénisch spoelen iedere 24 uur. - 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: Long spout Lange Auslauf Langt udløb Långt utlopp Lange uitloop Long bec	*0	ON	ON	OFF	

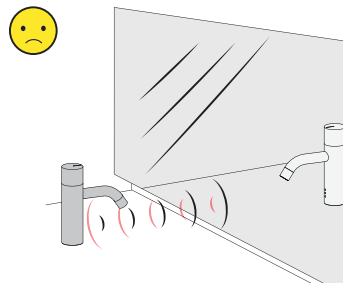
installation requirements:
Installationsanforderungen:

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.

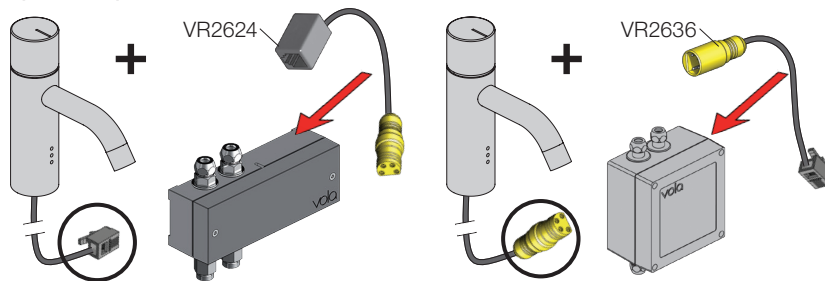


Krav til installation:
Installationskrav:

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 bestellen
 Bestilles særskilt
 Beställas separat
 Apart te bestellen
 À commander séparément

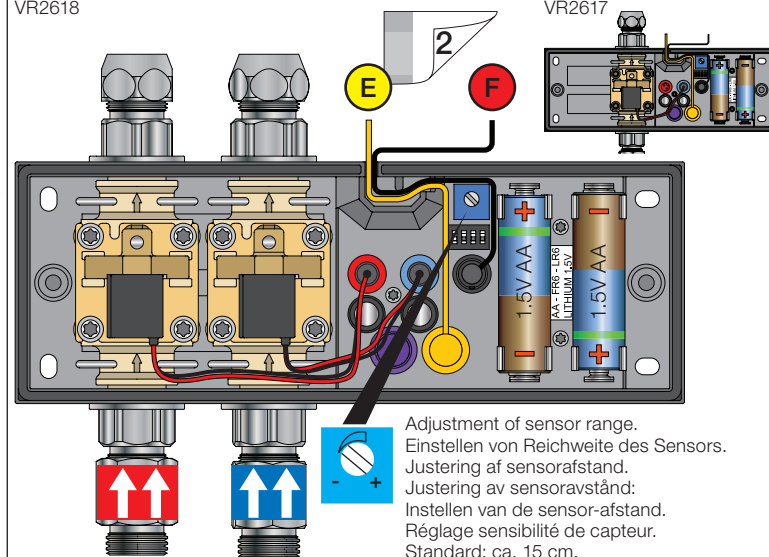
Battery operation
Batteriebetrieb
 2 x 1.5V AA - FR6 - FR6

Batteridrift
Batteridrift

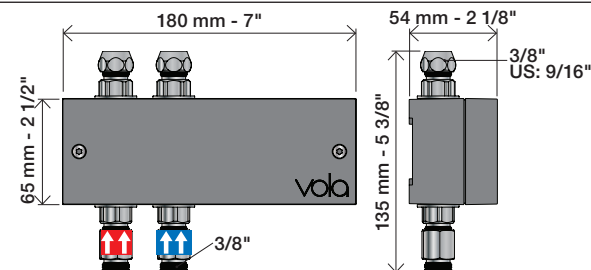
Batterij bedrijf
Fonctionnement sur batterie

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

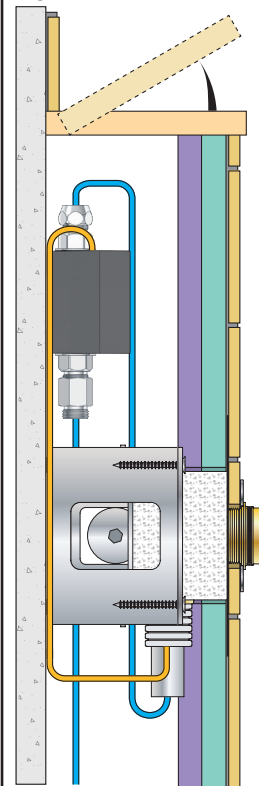


Adjustment of sensor range.
Einstellen von Reichweite des Sensors.
Justering af sensorafstand.
Justering av sensoravstånd:
Instellen van de sensor-afstand.
Réglage sensibilité de capteur.
Standard: ca. 15 cm.



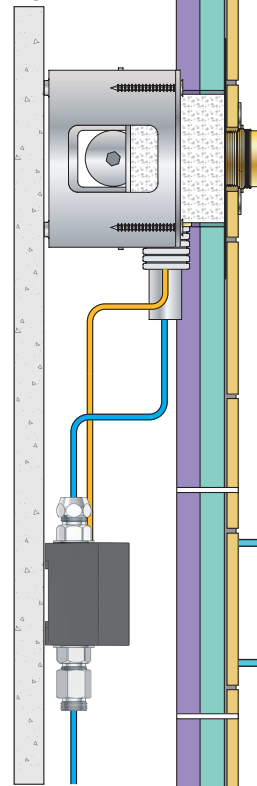
Installation examples Installationsbeispiele

Fig. 1



Installationseksempler Installationsexemplar

Fig. 2



Installatie voorbeelden l'installation des exemples

Fig. 3

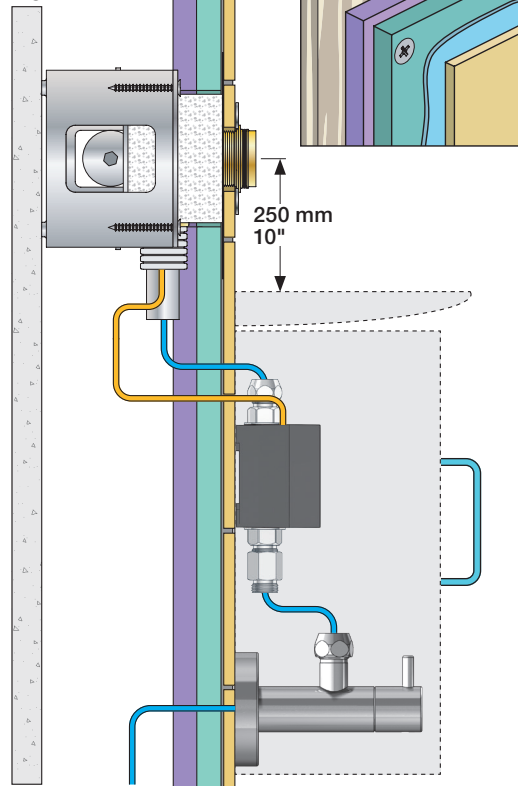


Fig. 4 Ceiling mounted
Deckenmontage
Loftmonteret

Takmonterad
Plafondmontage
Monté au plafond

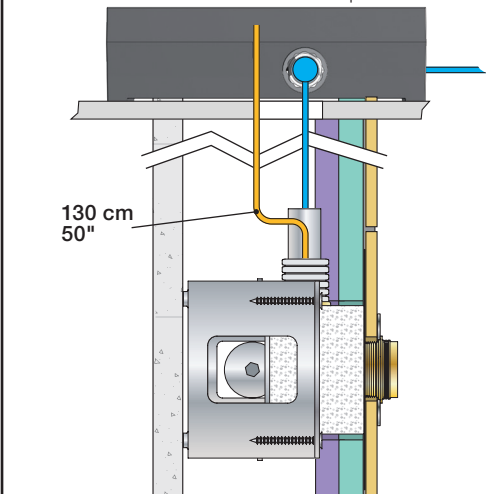
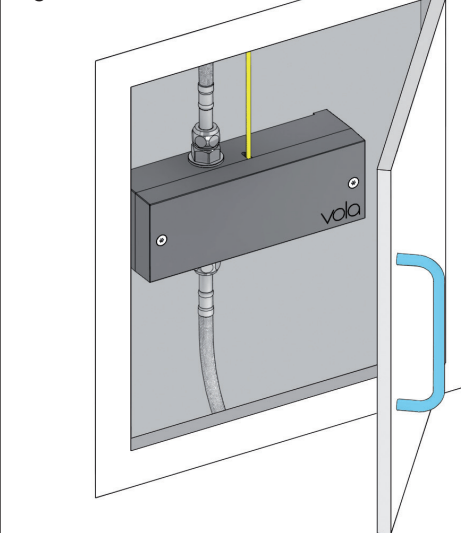
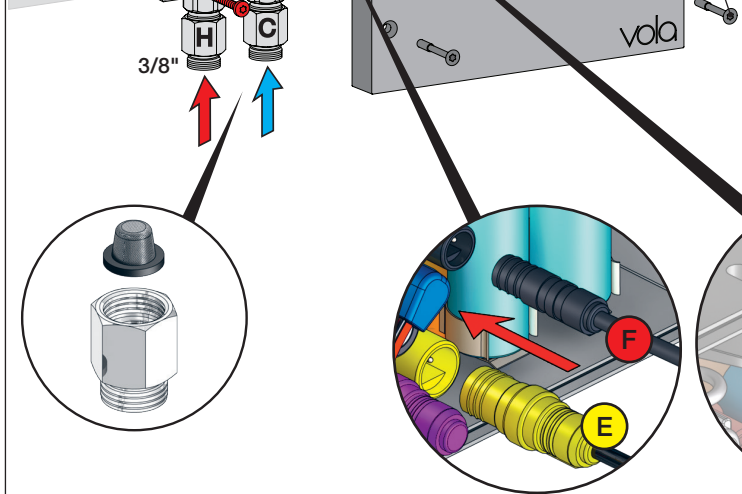
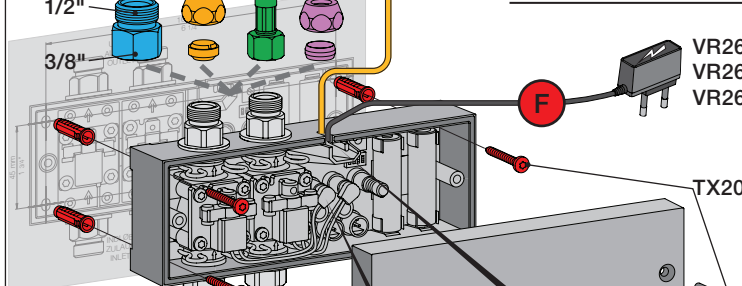
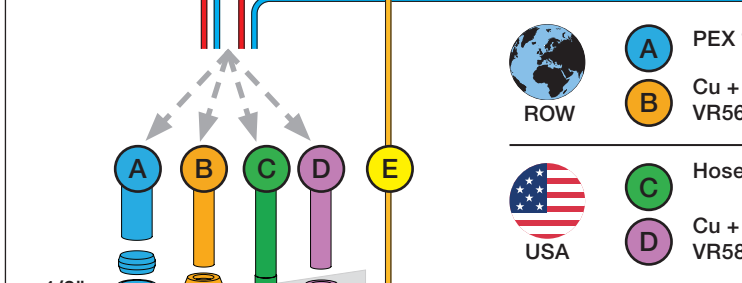
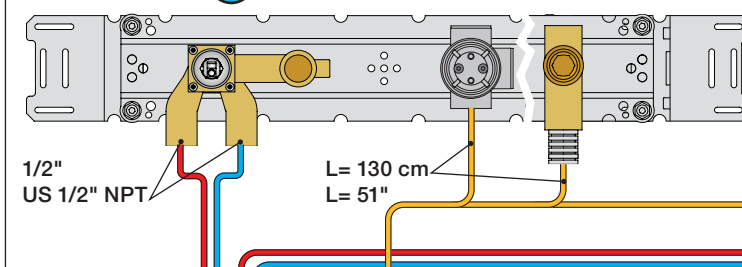


Fig. 5



Wiring diagram Schaltplan

4000/4100/4300
4800/4900



RB1E/HV1E

B
C
D



A PEX 15 mm.

B Cu + Flex, 10 mm.
VR562 + VR563

C Hose 9/16".

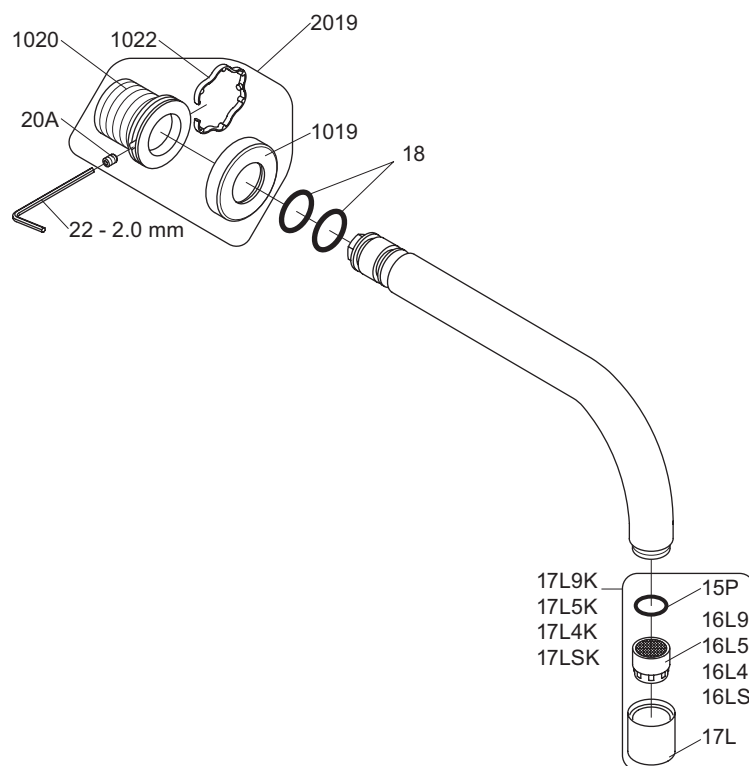
D Cu + Flex, Nut/Ferrule, 9/16".
VR584 + VR585

VR2622: ROW + GB
VR2623: IPX5
VR2626: EU

TX20

vola





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



volä

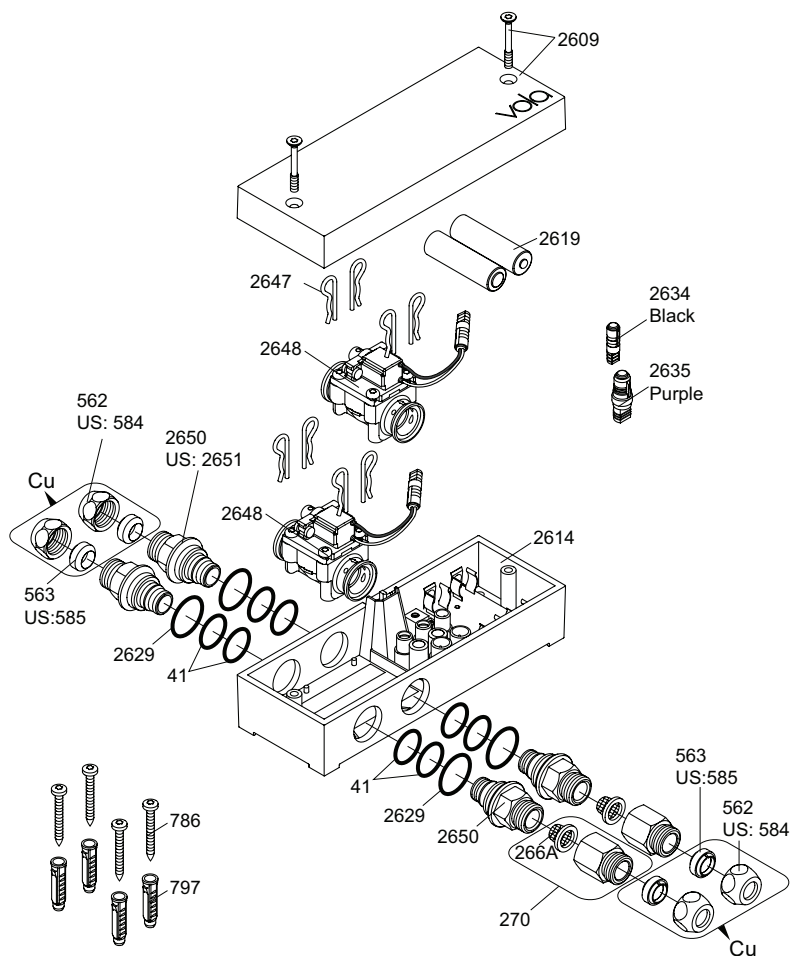
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 Apr. 21

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 SB11



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

Additional parts **Zusätzliche Teile** **Supplernde dele** **Ytterligere delar**

Remote control
 Fernbedienung
 Fjernbetjening
 Fjærkontroll

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 Svart
 Schwartz Zwart
 Sort 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

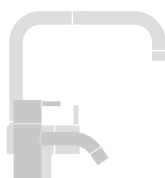
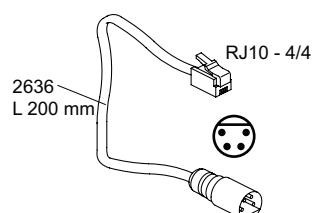
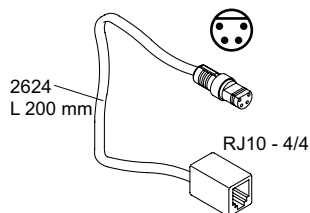
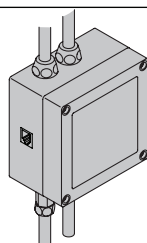
247
 L 500 mm

US: 2601\$
 L 500 mm

Cu: 221:
 Ø10 mm
 L 350 mm

Adapter
 Adapteur

Discontinued model
 aufgeföörte Modell
 Udgået model
 Avvecklad modell
 Beändigde model
 Modèle discontinuée



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