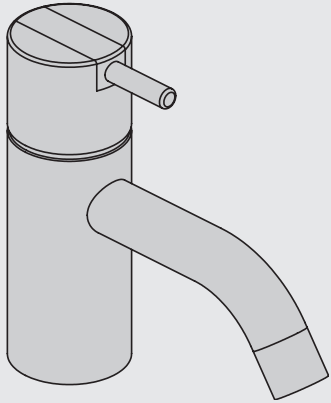


**VOLA HV1, HV3, HV4**

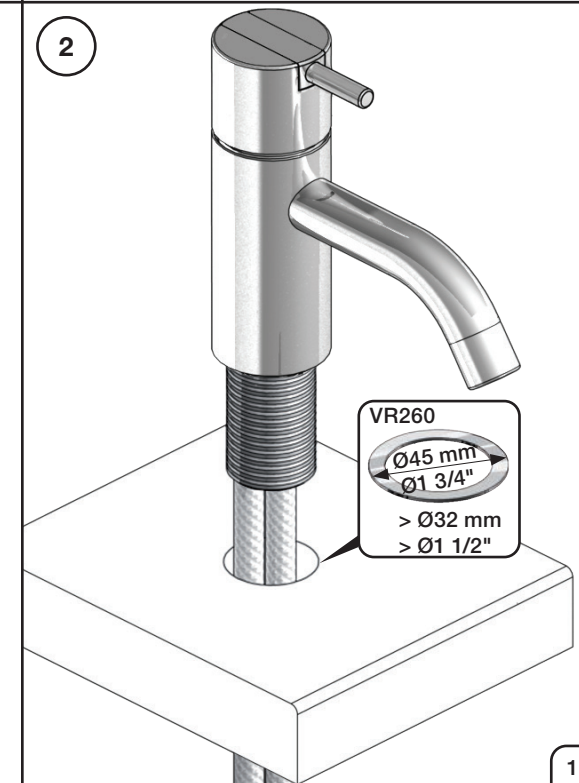
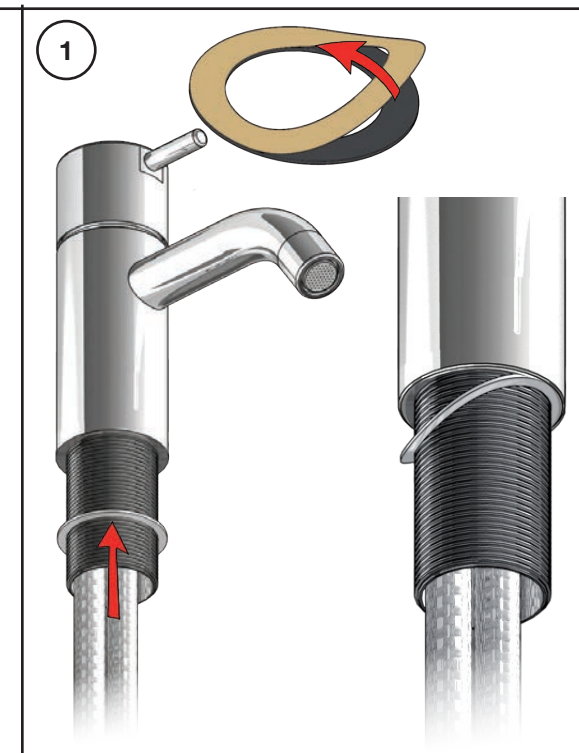
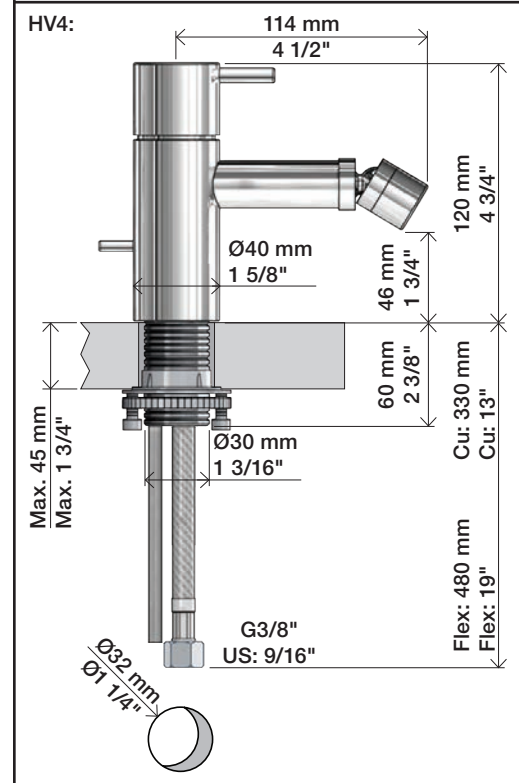
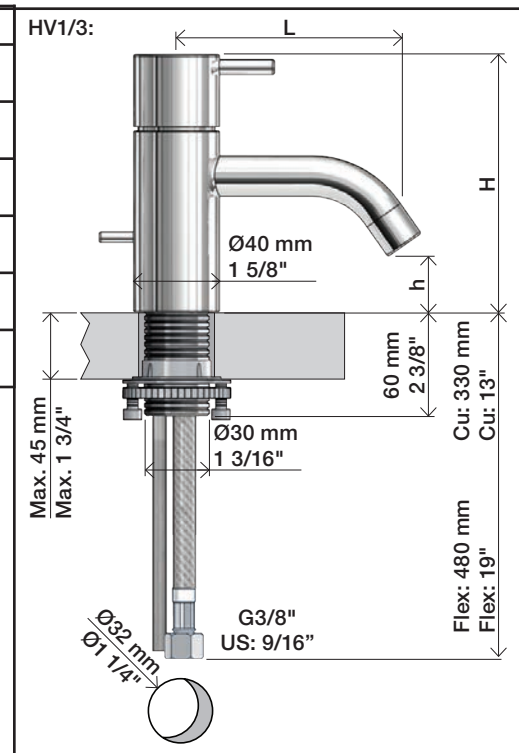
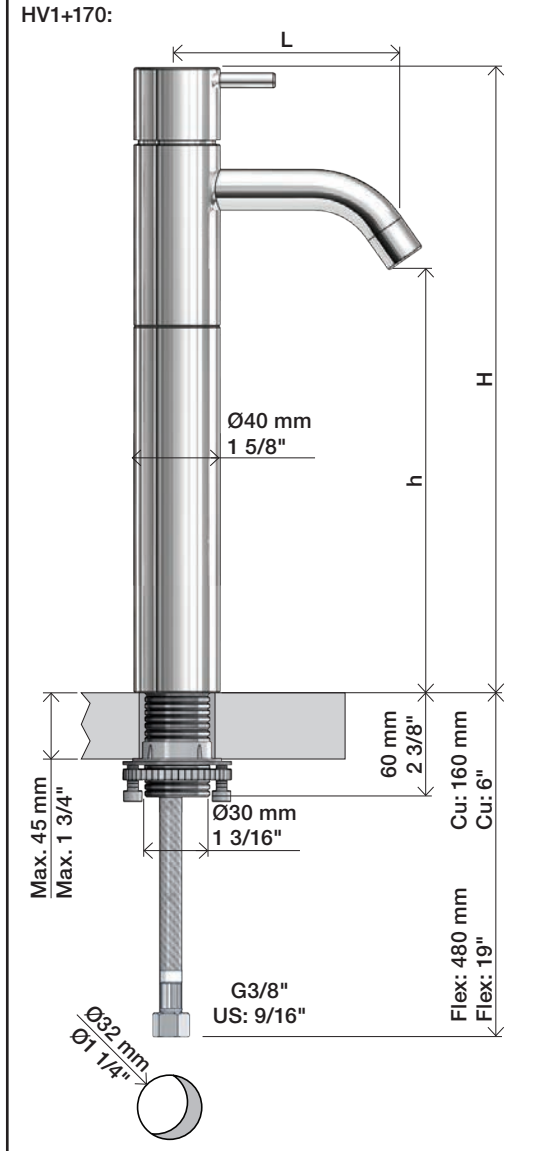
Fitting instruction  
 Montageanleitung  
 Monteringsvejledning  
 Monteringsvægledning  
 Montage hanleiding  
 Manuel de montage

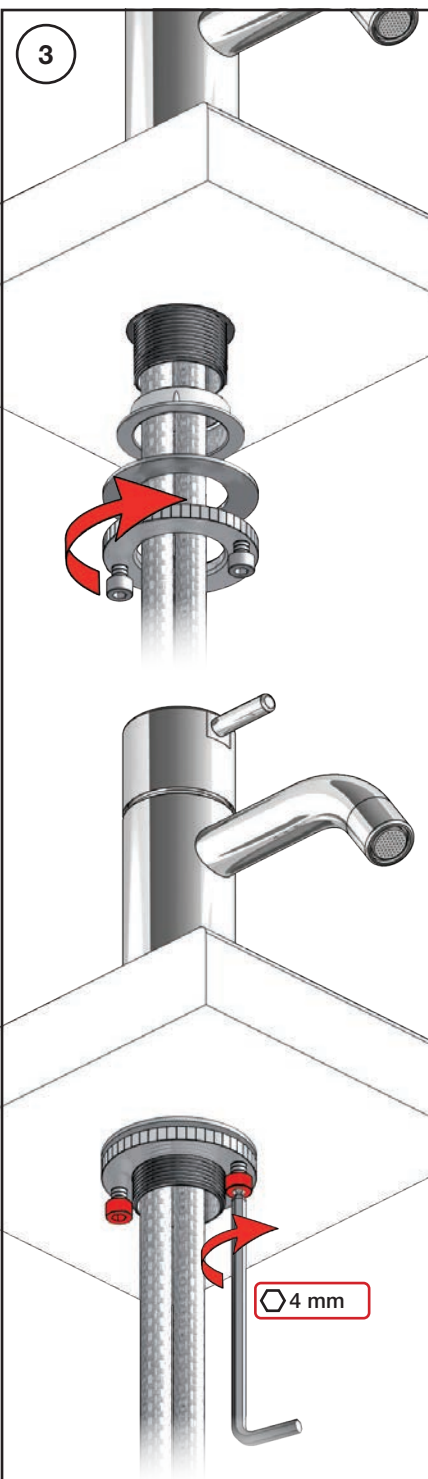


HV1, HV3:  
 04/00295  
 04/00300



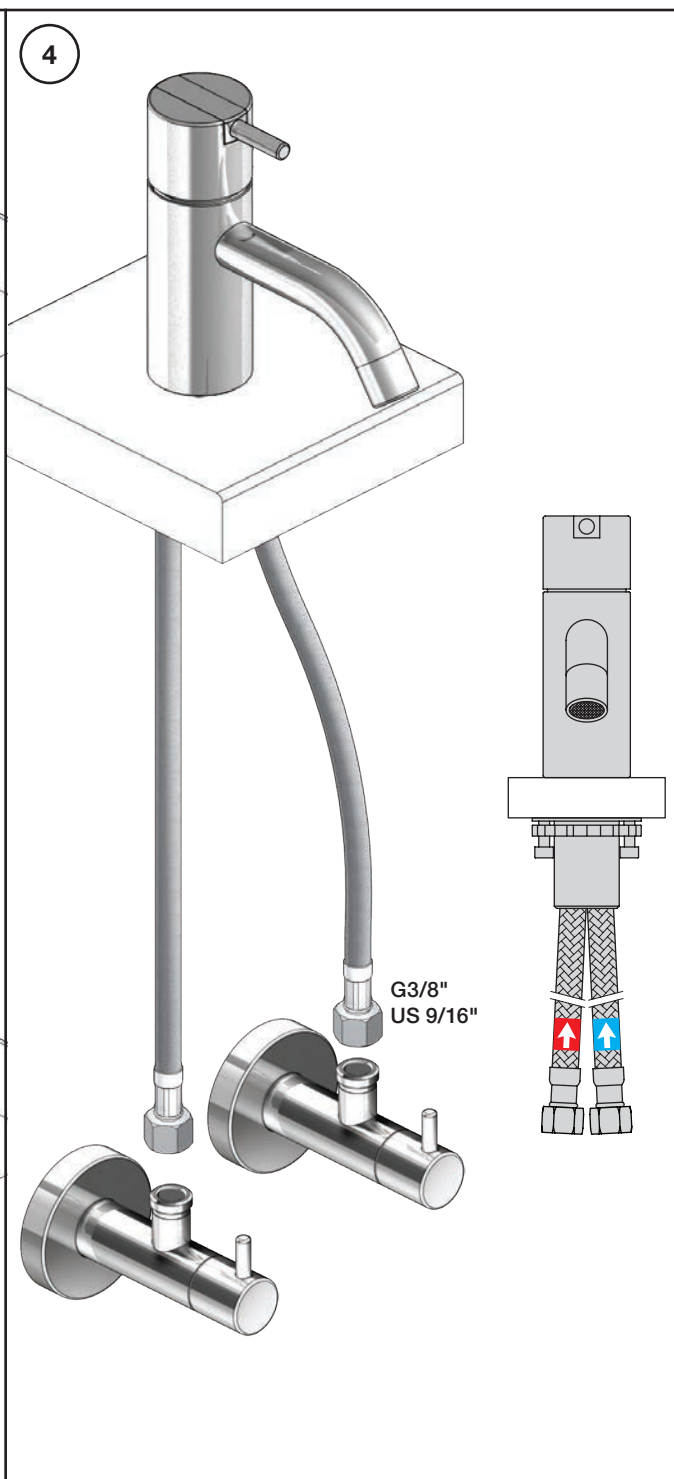
HV1, HV3	L	H	h
Std.:	114 mm 4 1/2"	120 mm 4 3/4"	27 mm 1"
+30:	114 mm 4 1/2"	150 mm 6"	56 mm 2 1/4"
/150:	150 mm 6"	120 mm 4 3/4"	27 mm 1"
+30/150:	150 mm 6"	150 mm 6"	56 mm 2 1/4"
+170:	114 mm 4 1/2"	290 mm 11 1/2"	197 mm 7 3/4"
+170/150:	150 mm 6"	290 mm 11 1/2"	197 mm 7 3/4"





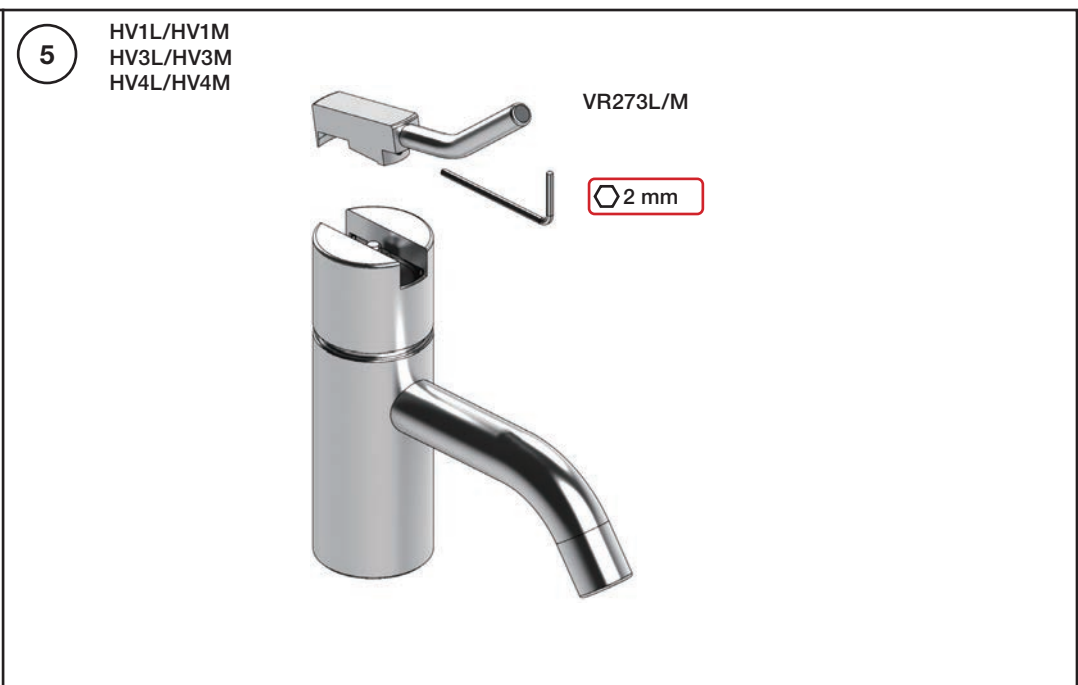
3

4 mm



4

G3/8"  
US 9/16"



5

HV1L/HV1M  
HV3L/HV3M  
HV4L/HV4M

VR273L/M

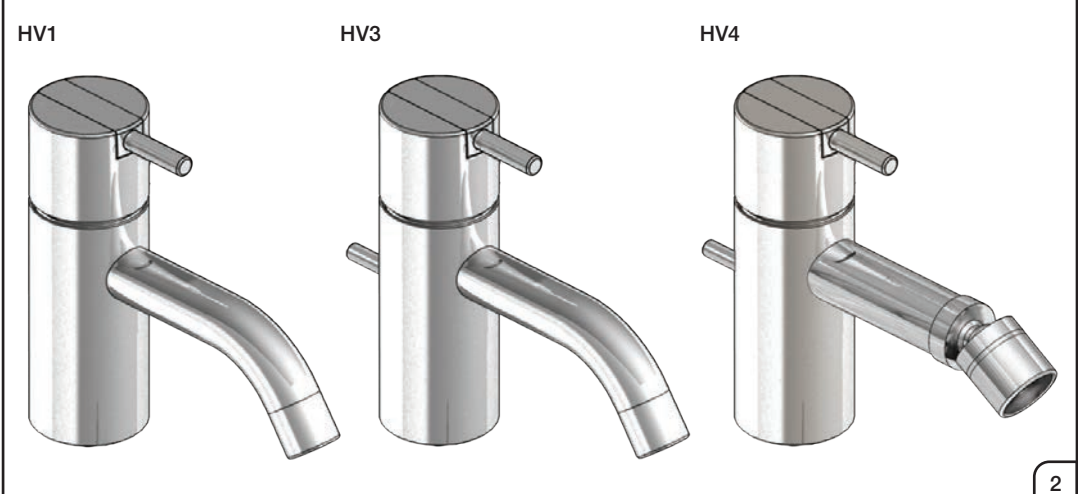
2 mm

5

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

Max.	l/min.	Gal/min.	Note.
HV1/3:	5.0	1.3	Standard
HV1/3:	4.5	1.2	Standard USA
HV1/3:	9.0	1.8	Standard Japan
HV4	9,0	1.8	

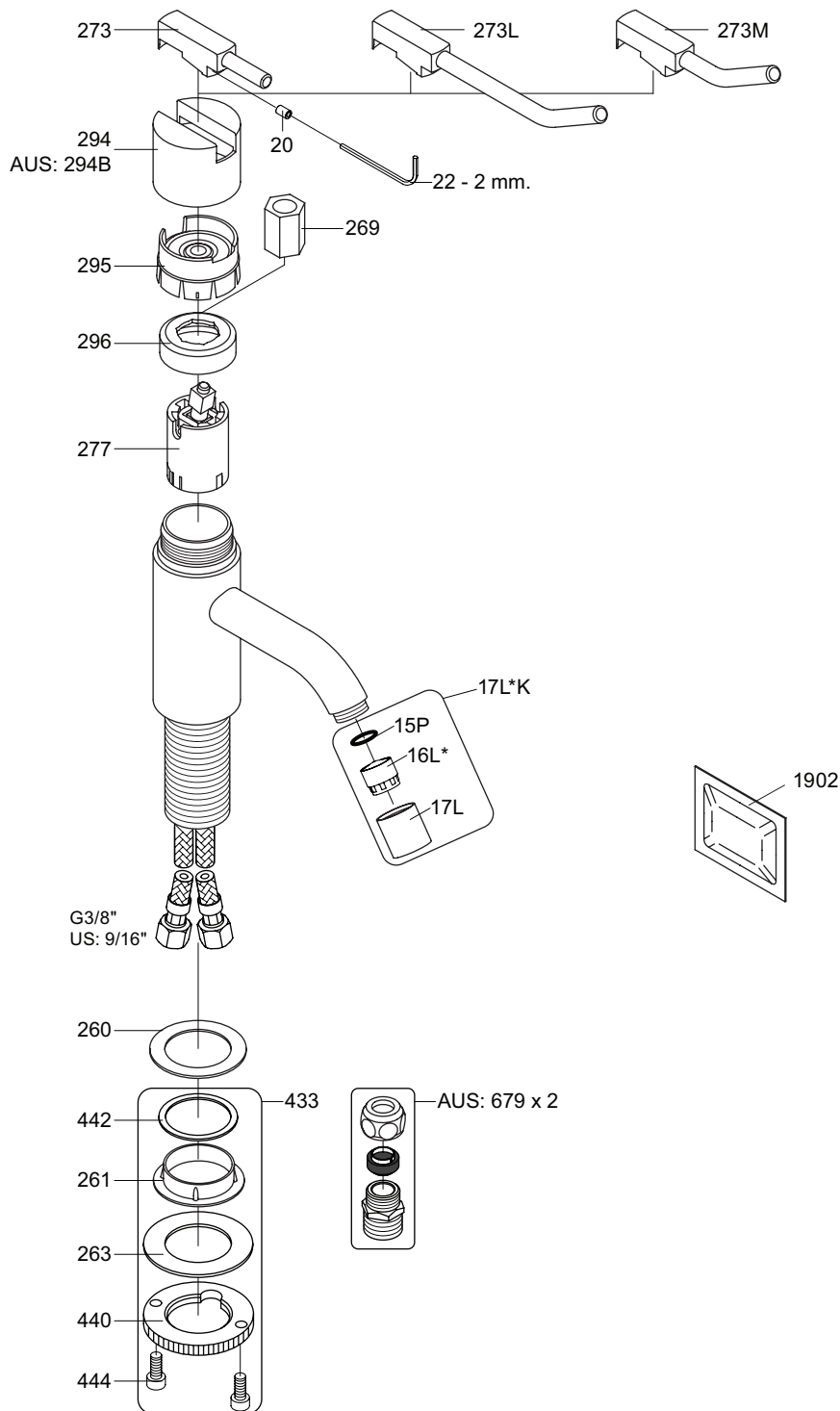
Max. 70°C, 158°F



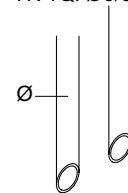
HV1

HV3

HV4



HV1: Ø10  
 HV1JP: Ø10  
 HV1US: Ø3/8"  
 HV1Q: Ø3/8"



- VR277K: VR22, VR269, VR277
- \*VR17L4K: VR15P, VR16L4, VR17L (US-Standard)
- \*VR17L5K: VR15P, VR16L5, VR17L (Standard)
- \*VR17L9K: VR15P, VR16L9, VR17L (Japan Standard)
- \*VR17LSK: VR15P, VR16LS, VR17L
- VR297/L/M: VR20, VR22, VR269, VR273/L/M, VR277, VR294, VR295, VR296
- VR433: VR261, VR263, VR440, VR442, 2xVR444
- NR.10/L/M: VR20, VR22, VR273/L/M, VR294, VR295



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 www.vola.com

### HV1 Family:

HV1: 150, +30, +30/150, +170, +170/150  
 HV1L: 150, +30, +30/150, +170, +170/150  
 HV1M: 150, +30, +30/150, +170, +170/150

Date  
 Jan. 23

Rev.  
 7

Sheet  
**SB 21.1**