

Sliding hardware systems







Price List 2016

Hardware systems
for all-glass sliding walls

Prices in EURO.

Valid as from January 1, 2016. Replaces all previous price lists.


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General information

Legend

 Bid calculation: complex calculations – Hawa will be pleased to help.

 Bid calculation: by means of the HAWA-Systemplanner configuration system at www.hawa.ch for quick and easy calculations.

General

Appendix

In the number register you will find all sales articles with text and individual prices.

Tracks and bottom guide channels

Please consider that the prices of top tracks and bottom guide channels are given in stock length per piece, cut to size however per metre. The hole positions of the top tracks vary.

Tracks and bottom guide channels cut to size

A surcharge of 35% of the price of top tracks and bottom guide channels will be charged for all HAWA-Variotec 150 profiles that are cut to customised lengths. The surcharge for HAWA-Shopfront profiles is 45%. This surcharge does not apply if standard lengths are ordered from stock.

Surface finishes

Minor differences in the colour of anodised and painted surfaces are possible on account of production methods and differing material compositions.

Prices

Prices exclude VAT and are ex-works Mettmenstetten, unpacked (INCOTERMS 2010). Prices in euro apply exclusively to EU countries with the euro as their national currency in accordance with the individual agreements concluded with customers. Additional charges for small orders no longer apply. A flat rate express surcharge will apply to orders for small quantities with exceptionally short delivery times:

– Surcharge for orders for standard stock articles (including cutting to size) which must be despatched on the same or the next working day = CHF 90.00 / EUR 70.00.

– Surcharge for customised (milled, drilled) standard stock articles which must be despatched on the second day after order clarification = CHF 220.00/EUR 180.00.

Online order

Use our "Online Ordering" platform. You can use it to conveniently place orders electronically or obtain price information for your offers outside of Hawa's office opening times. This and other services are available to you around the clock, seven days a week: www.hawa.ch – Support – VIP-Room

Packaging

All packing's made of or containing wood are made with treated woods according to standard ISPM15. For further information on the standard ISPM15 conditions please use the following link on the internet: <http://www.s-ge.com/schweiz/export/de/blog/merkblatt-zum-standard-f%C3%BCr-holzverpackungen-ispm-15>

Details of the packaging costs of your order are available on request from your contact at the Customer Center.

Price List supplements

We reserve the right to change prices and delivery terms at any time. These will be issued in a supplementary Price List. This applies also to any new product introduced during the current year.

Contact

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www.hawa.ch









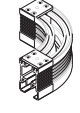






Office hours:
8:00–11:45 am and 1:30–5:00 pm, Friday until 4:00 pm



Glass sliding wall

code HAWA-Variotec 150/GV



 More complex bid calculations – contact Hawa or configuration on www.hawa.ch ▶ HAWA-Systemplanner.

Top tracks



			code
	Single top track, alu plain anodized	6000 mm (19'8 $\frac{7}{32}$ ")	15358
		cut to size	15360
	Dual top track, alu plain anodized, predrilled	6000 mm (19'8 $\frac{7}{32}$ ")	15361
		cut to size	15362
	Servicing unit, dismantable	100 mm (3 $\frac{15}{16}$ ")	15380
	Cover plate for dual top track, alu plain anodized		15439
	Inner curve top track, alu plain anodized	15°	15377
		30°	15375
		45°	15373
		60°	15371
		75°	15369
		90°	15367
	Inner top track special curved segment Rm127, alu plain anodized	angle according to indication	19801
	Outer curve top track, alu plain anodized	15°	15376
		30°	15374
		45°	15372
		60°	15370
		75°	15368
		90°	15366
	Outer top track special curved segment Rm127, alu plain anodized	angle according to indication	19800
	Top track dual curved segment, for change in direction, alu plain anodized	15°	15718
		30°	15719
		45°	15720
		60°	15721
		75°	15722
		90°	15723
	Top track-special dual curved segment Rm127, alu plain anodized	angle according to indication	18667
	Top track curved segment, parking area branch, parking area left, alu plain anodized	45°	17551
		60°	15845
		75°	15843
		90°	15841
	Top track curved segment, parking area branch, parking area right, alu plain anodized	45°	17552
		60°	15846
		75°	15844
		90°	15842
	Top-fixing plate, alu plain anodized		15414
	Top-fixing plate, galvanized steel, for welding		15383
	Coupler to top track, galvanized steel		17232

		code
	Connectin bracket for ceiling structur, without fixing parts	17045
	Assembly parts for connecting bracket for ceiling structure	19321






Track stops

		code
	Top track stop complete, for single top track	13779
	Top track stop complete, for dual top track	13780

Accessories

		code
	Matching segment for dual top track 45°–90° left	16173
	Matching segment for dual top track 45°–90° right	16174

Bottom guide channels
















			code
	Bottom guide channel, alu plain anodized, predrilled	6000 mm (19'8 $\frac{7}{32}$ ")	13688
		cut to size	13690
	Curved bottom guide channel, alu plain anodized, predrilled	15°	13644
		30°	13647
		45°	13650
		60°	13653
		75°	13656
		90°	13659
	Bottom guide channel special curved segment Rm127, alu plain anodized	angle according to indication	19645
	Matching segment for bottom guide channel 45 - 90°	left	16778
		right	16779
	Grooved dowel pin, gavanized steel	Ø 6 x 40 mm (1/4" x 1 15/16")	13759

Glass sliding wall

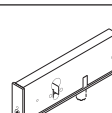
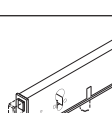
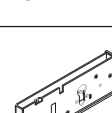
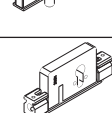
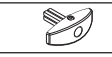
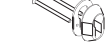



code HAWA-Variotec 150/GV

 **More complex bid calculations – contact Hawa or configuration on www.hawa.ch ▶ HAWA-Systemplanner.**

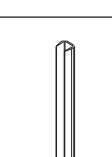
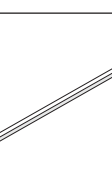
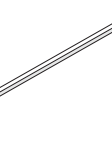
Glass suspension and retainer profiles

			code
	Glass suspension and retainer profile, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ")	13576
		cut to size	13681
	Glass suspension and retainer profile, alu unanodized (straight profile)	6500 mm (21'3 ²⁹ / ₃₂ ")	23441
		cut to size	23442
	Glass suspension and retainer profile, alu unanodized, incl. lock cutout	1070 mm	17300
	Glass suspension and retainer profile, alu unanodized, incl. lock cutout (straight profile)	1070 mm	23477
	Glass suspension and retainer profile, alu plain anodized, brushed	6500 mm (21'3 ²⁹ / ₃₂ ")	16669
		cut to size	19868
Installations with sliding swing and sliding pivot doors cannot be carried out with anodized profiles ex stock.			
	Glass suspension and retainer profile, alu plain anodized, brushed (straight profile)	6500 mm (21'3 ²⁹ / ₃₂ ")	23440
		cut to size	23443
	Glass suspension and retainer profile, alu unanodized, height 230 mm	4500 mm (14'9 ³ / ₁₆ ")	19180
		cut to size	19066
	Suspension profile, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ")	13682
		cut to size	13683
	Suspension profile, alu plain anodized, brushed	6500 mm (21'3 ²⁹ / ₃₂ ")	21833
		cut to size	21834
	Glass suspension profile, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ")	13684
		cut to size	13685
	Glass suspension profile, alu plain anodized, brushed	6500 mm (21'3 ²⁹ / ₃₂ ")	21835
		cut to size	21836
	Glass suspension profile, alu unanodized (straight profile)	6500 mm (21'3 ²⁹ / ₃₂ ")	23445
		cut to size	23446
	Glass suspension profile, alu plain anodized, brushed (straight profile)	6500 mm (21'3 ²⁹ / ₃₂ ")	23503
		cut to size	23504
	Set of glass fixing parts, for 1 sliding door (4 pieces)	ESG 10 mm (¹³ / ₃₂ ")	13900
		ESG 12 mm (¹⁵ / ₃₂ ")	13901
		ESG 12,7 mm (¹ / ₂ ")	13902
	Set of glass fixing parts, for 1 sliding door (4 pieces)	VSG 2x5 mm (¹ / ₄ ")	21263
		VSG 2x6 mm (¹ / ₄ ")	23542
	Fork spanner to glass holder insert		13817
	Installation tool for blocking keys 10/12/12.7 mm (¹³ / ₃₂ " / ²⁵ / ₆₄ " / ¹⁵ / ₃₂ " / ¹ / ₂ ") glass		13710



Safety locks

			code
	One-bolt safety lock	profile cylinder 17 mm (¹¹ / ₁₆ ")	13856
		round cylinder 22 mm (⁷ / ₈ ")	13857
		square/hexagon socket 7/8 mm	13855
	Two-bolt safety lock	profile cylinder 17 mm (¹¹ / ₁₆ ")	13785
		round cylinder 22 mm (⁷ / ₈ ")	13786
		square/hexagon socket 7/8 mm	13784
	One-bolt safety lock with bottom guide pin	profile cylinder 17 mm (¹¹ / ₁₆ ")	13999
		round cylinder 22 mm (⁷ / ₈ ")	14000
		square/hexagon socket 7/8 mm	14076
	Bar bolt lock, with retention pin, stainless steel WNR 1.4301/AISI 304	profile cylinder 17 mm (¹¹ / ₁₆ ")	21225
	Thumbturn, chromium finish, with square pin 7 x 25 mm (⁵ / ₃₂ " x ²¹ / ₃₂ ")		13789
	Security rose 12 mm (¹⁵ / ₃₂ "), for profile cylinder 17 mm (¹¹ / ₁₆ "), chromium-nickel steel		14147
	Floor-mounted sleeve with oblong hole and chromium-plated brass spring		13787
	Rosette for floor-mounted sleeve 13787		17326
	Strike plate, chromium-plated steel		13130

Protective transparent edge trims

		glass	mm/inch	code
	Protective transparent edge profile, plastic	10 mm (¹³ / ₃₂ ")	3000 (9'10 ⁷ / ₆₄ ")	13822
			6000 (19'8 ⁷ / ₃₂ ")	13600
		12 mm (¹⁵ / ₃₂ ")	3000 (9'10 ⁷ / ₆₄ ")	13908
			6000 (19'8 ⁷ / ₃₂ ")	13907
	Rubber profile self-adhesive, for 8/10 mm glass thickness, glass distance 4 mm	12,7 mm (¹ / ₂ ")	3000 (9'10 ⁷ / ₆₄ ")	13912
			6000 (19'8 ⁷ / ₃₂ ")	13911
	Rubber profile self-adhesive, for 8/10 mm glass thickness, glass distance 4 mm	black	5 m roll	19442
			10 m roll	19443
			50 m roll	19444
		trans-lucent	5 m roll	19445
			10 m roll	19446
			50 m roll	19447

Brush seals





















			code
	Double-sided adhesive tape for protective transparent edge profile	roll 50 m (164'")	13988
	Brush seal 2.6/18 mm (¹ / ₈ " / ²³ / ₃₂ ")	920 mm (3'0 ⁷ / ₃₂ ")	16797
		1200 mm (3'11 ¹ / ₄ ")	13791

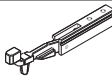
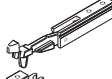
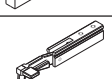
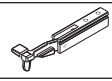

Glass sliding wall

code HAWA-Variotec 150/GV















 More complex bid calculations – contact Hawa or configuration on www.hawa.ch ▶ HAWA-Systemplanner.

Components for sliding door

		code
	Single-wheeled trolley, M14, with plastic-tired wheel and suspension plate (sliding doors up to 100 kg [220 lbs.])	13778
	Two-wheeled trolley, M14, with plastic-tired wheels and suspension plate (sliding doors up to 150 kg [330 lbs.])	13818
	Guide, rattle proof, with plastic slider 13 mm ($\frac{17}{32}$) and suspension block	13781
	Centering piece, single unit, alu plain anodized	19818
	Centering assembly 0 - 18°	16629
	Centering assembly 15 - 90° complet	17599
	Centering assembly 15 - 90° complet (straight profile)	23516
	Centering assembly with pivot	18271
	Cover cap, incl. fixing screw	black 19903
	Cover cap, incl. fixing screw (for straight profile)	black 23470
	Cover cap for 230 mm tall profile	black 19884
	Cover cap for 230 mm tall profile, matches floor locking lever and centering assembly	black 19885
	Suspension profile cover cap, plastic	black 13585
	Glass suspension profile cover cap, plastic	black 13586
	Glass suspension profile cover cap, plastic (for straight profile)	black 23437
	Cover cap complete for door performing change in direction	black 13587
	Cover cap complete for door performing change in direction (for straight profile)	black 23471
	Cover cap for 230 mm tall profile, for changes in direction	black 19886
	Deadbolt lock 13 mm ($\frac{17}{32}$), with guide pin, galvanized steel	14171
	Deadbolt lock	galvanized steel 14087
		inox 17130
	Thumbturn, alu plain anodized, with square pin 7 x 25 mm ($\frac{3}{32}$ " x $\frac{31}{32}$ "	13789

		code
	Floor locking lever	19820
	Floor locking lever 0–18°	19822
	Bottom locking device 18-90°, left, lateral operation (HAC)	20608
	Bottom locking device 18-90°, right, lateral operation (HAC)	20609
	Fork spanner SW 17/8/13 for trolley 70 kg (154 lbs.)	15459
	Fork spanner SW 22/12/13 for trolley 100–150 kg (220–330 lbs.)	15409

Components for pivot door











		code
	Servicing unit, dismountable, 100 mm ($3\frac{15}{16}$ "	15380
	Top pivot, without track element	16196
	Carrier, adjustable vertically, for pivot door	16325
	Thrust bearing, adjustable, Inox, for fitting into bottom guide channel	22299
	Thrust bearing sleeve, Ø 30 mm ($1\frac{3}{16}$ "	16326
	Pivot door catch complete	17897
	Exterior pivot bearing	16798
	Cover cap, incl. fixing screw	black 19903
	Cover cap, incl. fixing screw (for straight profile)	black 23470
	Suspension profile cover cap, plastic	black 13585
	Glass suspension profile cover cap, plastic	black 13586
	Glass suspension profile cover cap, plastic (for straight profile)	black 23437
	Cover cap complete for door performing change in direction	black 13587
	Cover cap complete for door performing change in direction (for straight profile)	black 23471

Glass sliding wall

























code HAWA-Variotec 150/GV

 More complex bid calculations – contact Hawa or configuration on www.hawa.ch ▶ HAWA-Systemplanner.

Components for swing door

		code
	Servicing unit, detachable, pivot fixing	15380
	Top pivot, without track element	16196
	Driver for swing door with commercial bottom door closer	13276
	Cover cap, incl. fixing screw	black 19903
	Cover cap, incl. fixing screw (for straight profile)	black 23470
	Suspension profile cover cap, plastic	black 13585
	Glass suspension profile cover cap, plastic	black 13586
	Glass suspension profile cover cap, plastic (for straight profile)	black 23437
	Cover cap complete for door performing change in direction	black 13587
	Cover cap complete for door performing change in direction (for straight profile)	black 23471

Components for sliding pivot door







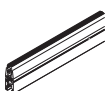
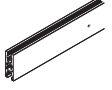









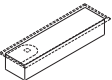
		code
	Two-wheeled trolley, M14, with plastic-tyred wheels and suspension plate (sliding pivot doors up to 90 kg [198 lbs.] and 3000 [9'10 ⁷ / ₆₄ "] height)	13821
	Holding device	15398
	Stop plate	15429
	Suspension profile 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu unanodized	13868
	Glass suspension profile 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu unanodized	left 13861
		right 13862
	Lock complete	left 13823
		right 13824
	Pivot bearing, galvanized steel	13827
	Cover cap, incl. fixing screw	black 19903
	Cover cap, incl. fixing screw (for straight profile)	black 23470
	Suspension profile cover cap, plastic (top)	black 14211
	Suspension profile cover cap, plastic (bottom)	black 13585
	Glass suspension profile cover cap, plastic	black 13586
	Glass suspension profile cover cap, plastic (for straight profile)	black 23437
	Deadbolt lock	galvanized steel 14087
		inox 17130
	Strike plate, chromium-plated steel	14088
	Hexagon key with plastic T-handle, 8/80 mm (⁵ / ₁₆ " / 3 ⁵ / ₃₂ "	13894
	Short connecting rod for door height up to 2500 mm (8'2 ¹ / ₁₆ "	14164
	Long connecting rod for door height over 2500 mm (8'2 ⁷ / ₁₆ "	14165
	Surface-mounted top door closer GEZE TS 3000V with slide rail TS 5000	15515
	Limit stop and baseplate to surface-mounted top door closer	15457
	Limit stop and baseplate to surface mounted top door closer (for straight profile)	24470
	Limit stop to surface-mounted top door closer	15451
	Locking unit for surface-mounted top door closer	15516
	Opening limiter for mounted top door closer	15517
	Instruction	14074

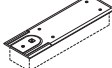




Glass sliding wall

code HAWA-Variotec 150/GV

 More complex bid calculations – contact Hawa or configuration on www.hawa.ch ▶ HAWA-Systemplanner.

Components for sliding swing door

		code
	Single-wheeled trolley, M14, with plastic-tired wheels and suspension plate (sliding swing doors up to 90 kg [198 lbs.] and 3000 [9'10 ¹ / ₈ " height)	13820
	Holding device	15398
	Stop plate	15429
	Suspension profile 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu unanodized	13868
	Suspension profile 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu plain anodized, brushed	21837
	Glass suspension profile 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu unanodized	left 13861
		right 13862
	Glass suspension profile, 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu plain anodized, brushed	left 21838
		right 21839
	Glass suspension profile 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu unanodized (straight profile)	left 23505
		right 23506
	Glass suspension profile, 1100 mm (3'7 ⁵ / ₁₆ "), with cutout, alu plain anodized, brushed (straight profile)	left 23507
		right 23508
	Glass suspension/retainer profile 1100 mm (3'7 ⁵ / ₁₆ ") with cutout, alu unanodized	left 13872
		right 13873
	Glass suspension/retainer profile 1100 mm (3'7 ⁵ / ₁₆ ") with cutout, alu plain anodized, brushed	left 21840
		right 21841
	Glass suspension/retainer profile 1100 mm (3'7 ⁵ / ₁₆ ") with cutout, alu unanodized (straight profile)	left 23480
		right 23481
	Glass suspension/retainer profile 1100 mm (3'7 ⁵ / ₁₆ ") with cutout, alu plain anodized, brushed (straight profile)	left 23478
		right 23479
	Lock complete, for sliding swing door	left 13823
		right 13824
	Pivot bearing, galvanized steel	13827
	Cover cap, incl. fixing screw	black 19903
	Cover cap, incl. fixing screw (straight profile)	black 23470
	Suspension profile cover cap, plastic (top)	black 14211
	Suspension profile cover cap, plastic (bottom)	black 13585
	Glass suspension profile cover cap, plastic	black 13586
	Glass suspension profile cover cap, plastic (straight profile)	23437
	Coupling mechanism to floor door closer, galvanized steel	13825
	Floor door closer GEZE TS 520 with special axis for sliding swing door	13798

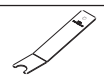
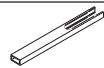

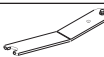
		code
	Cover plate to floor door closer, chrome-nickel steel	13799
	Adapter for DORMA floor door closer	14178
	Connecting handle 8 mm (⁵ / ₁₆ ")	15659
	Short connecting rod for door height up to 2500 mm (8'2 ⁷ / ₁₆ ")	14164
	Long connecting rod for door height over 2500 mm (8'2 ⁷ / ₁₆ ")	14165
	Instruction	14074

Glass sliding wall

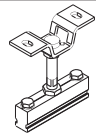


code HAWA-Variotec 150/GV

 **More complex bid calculations – contact Hawa or configuration on www.hawa.ch ▶ HAWA-Systemplanner.**

Tools

		code
	Fork spanner to glass holder insert	13817
	Installation tool for blocking keys 10/12/12.7 mm ($\frac{13}{32}$ / $\frac{25}{64}$ / $\frac{15}{32}$ / $\frac{1}{2}$) glass	13710
	Fork spanner SW 17/8/13 for trolley 70 kg (154 lbs.)	15459
	Fork spanner SW 22/12/13 for trolley 100–150 kg (220–330 lbs.)	15409
	Wrench, hexagon 5 mm ($\frac{7}{32}$), SW 11 mm ($\frac{7}{16}$)	17110

Stationary glass HAWA-Fixed Glass

		code
	Top fixing plate set for stationary glass, with hanger bolt M12, HAWA-Variotec 150/GV	14688
	Retainer device for stationary glass with dual top track	15803
	Bottom profile, alu plain anodized, undrilled	6000 mm (19'8 $\frac{7}{32}$) 14691
	cut to size	14692

Surface treatments

Basic treatment fee to surface treatment, lump sum per colour	16741
Powdercoated to RAL tone No.	14163
Plain anodized, polished, brushed	14626
Stainless-steel effect, hard anodized, brushed, polished, mat finish	14378
Stainless-steel effect, nickel plated, brushed, mirror finish	14631
Chrome mirror finish	14630

Services

Bending and assembly of dual top track with special radius HAWA-Variotec	17294
Bending of top tracks and bottom guide channels for HAWA-Variotec special curved segments	16041
Machine set-up time for each profile	16040
Curving and preparing all special radii, per track	16038
Preliminary mounting parking area	15653
Additional packing share for each Variotec/Combitec parking area	15654
Project processing/CAD planning, per hour	14035
Installation assistance per day, without expenses, net	17111
Installation assistance per hour, without expenses, net	17112

Profile processing





















		left	right
Cutout for safety lock, for double cylinder	17 mm	17987	17988
	22 mm	17989	17990
Cutout for safety lock, for double cylinder (straight profile)	17 mm	23482	23483
	22 mm	23484	23485
Cutout for safety lock, for single cylinder	17 mm	17993	17994
	22 mm	17995	17996
Cutout for safety lock, for single cylinder (straight profile)	17 mm	23486	23487
	22 mm	23488	23489
Cutout for safety lock, square/hexagon socket		17991	17992
Cutout for safety lock, square/hexagon socket (straight profile)		23490	23491
Cutout for deadbolt lock for sliding pivot door		14085	14086
Cutout for deadbolt lock for sliding pivot door (straight profile)		23492	23493
Cutout deadbolt lock with guide pin		14186	14187
Cutout deadbolt lock with guide pin (straight profile)		23494	23495
Cutout for deadbolt lock, for side fixing		17973	17974
Cutout for deadbolt lock, for side fixing (straight profile)		23496	23497
Cutout for coupling mechanism for sliding swing door		14040	14041
Cutout for coupling mechanism for sliding swing door (straight profile)		23498	23499
Cutout lock for glass suspension profile SDT/SPT		14042	14043
Cutout lock for glass suspension profile SDT/SPT (straight profile)		23509	23510
Cutout for bottom locking device, lateral operation		20724	20725
Cutout for TGP, external pivot, opening inwards		16709	16710
Cutout for TGP, external pivot, opening inwards (straight profile)		23500	23501
Cutout for dual top track, for external pivot, opening inwards		16713	16714
Suspension profile processing for top door closer		15411	15416
Retainer profile processing for top door closer		15412	15415
Retainer profile processing for limit stop to surface mounted top door closer, axis of rotation (straight profile)		23511	23512
Retainer profile processing for surface mounted top door closer (straight profile)		24475	24476
Lock cutout incl. drilling for single cylinder 17 mm		23150	23149
Lock cutout incl. drilling for single cylinder 17 mm (straight profile)	17 mm	19901	19902
	22 mm	19017	19018
Lock cutout in glass suspension/retainer profile 230 mm, for double cylinder		19019	19020
Lock cutout in glass suspension/retainer profile 230 mm, for deadbolt lock		19019	19020
Lock cutout incl. drilling for 17 mm double cylinder			19615
Lock cutout incl. drilling for 17 mm double cylinder (straight profile)			23502
Cutout for holding device for top tracks with integrated cover			15421

Glass sliding wall with frame profile

code HAWA-Variotec 150/GR

 **More complex bid calculations – contact Hawa or configuration on www.hawa.ch ▶ HAWA-Systemplanner.**

Profiles for HAWA-Variotec 150/GR-frame profile

		code
	Vertical profile, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ") 17730
		cut to size 17731
	Vertical profile No. 1, alu unanodized, for change in direction	6500 mm (21'3 ²⁹ / ₃₂ ") 17724
		cut to size 17725
	Vertical profile No. 2, alu unanodized, for change in direction	6500 mm (21'3 ²⁹ / ₃₂ ") 17727
		cut to size 17728
	Stop profile, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ") 17760
		cut to size 17761
	Wall-mounting profile, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ") 17739
		cut to size 17741
	Cover profile, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ") 17950
		cut to size 17951
	Cover profile for pivot door, alu unanodized	6500 mm (21'3 ²⁹ / ₃₂ ") 17948
		cut to size 17949
	Set of fixing parts, set for 1 door	18287
	Set of fixing parts, for changes in direction for vertical profile No. 1, set of 4 pieces	17962
	Set of fixing parts, for changes in direction for vertical profile No. 2, set of 4 pieces	17961
	Rubber for vertical profile, black	20 m (65'7 ¹³ / ₃₂ ") 17733
		5 m (16'4 ²⁷ / ₃₂ ") 17768
	Rubber profile for pivot door stop profile, black	5 m (16'4 ²⁷ / ₃₂ ") 17766
		17776
	Cover cap, black	17776
	Set of cover caps for 1 pivot door, black	18048
	Screws for cover cap fixing, set of 50 pieces (for 5 doors)	18012
	Fixing part for cover caps	17858
	Centering clamps for glass, set of 50 pieces	10 mm (¹³ / ₃₂ ") 18013
		12 mm (¹⁵ / ₃₂ ") 18014
		12,7 mm (¹ / ₂ ") 18015
	Cover cap retention piece for deadbolt lock and safety lock	17921
	Deadbolt lock 13 mm (¹⁷ / ₃₂ "), for lateral mounting	17917
		18001
	Deadbolt lock 13 mm (¹⁷ / ₃₂ "), with guide pin for lateral mounting	17964

Services for HAWA-Variotec 150/GR-frame profile

		code	
Bottom and top drillings for vertical profile		18314	
Bottom and top drillings for stop profile		18315	
Drillings for vertical profile No. 1		18316	
Drillings for vertical profile No. 2		18317	
		left	right
Cutout for safety lock, for double cylinder	17 mm (¹¹ / ₁₆ ")	17987	17988
	22 mm (⁷ / ₈ ")	17989	17990
Cutout for safety lock, for single cylinder	17 mm (¹¹ / ₁₆ ")	17993	17994
	22 mm (⁷ / ₈ ")	17995	17996
Cutout for safety lock, square/hexagon socket		17991	17992
Cutout for deadbolt lock, for side fixing		17973	17974
Lock cutout incl. drilling for single cylinder 17 mm		23150	23149

Surface treatments HAWA-Variotec 150/GR



Basic treatment fee to surface treatment, lump sum per colour	16741
Powdercoat to RAL tone No.	19627
Plain anodized, brushed	19628
Stainless-steel effect, hard anodized, brushed, polished, mat finish	19629
Stainless-steel effect, nickel plated, brushed, mirror finish	19630

Heavy glass sliding walls

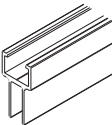
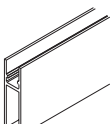
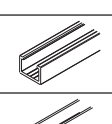


code HAWA-Shopfront 103G/400 and 112G/400

 Bid calculation: complex calculations – Hawa will be pleased to help.


Top tracks

			code
	Dual top track, stainless steel WNR. 1.4301/AISI 304, with mounting flanges	cut to size	18038
	Single top track, stainless steel WNR. 1.4301/AISI 304, with mounting flanges	cut to size	18036

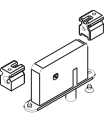
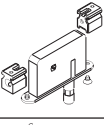

Glass suspension and retainer profiles

		mm/inch	code
	Glass suspension and retainer profile, alu unanodized, undrilled	6500 (21'3 ²⁹ / ₃₂)	13155
		cut to size	13156
	Glass suspension and retainer profile, alu plain anodized, brushed, undrilled	6500 (21'3 ²⁹ / ₃₂)	21783
		cut to size	21784
	Glass suspension and retainer profile, alu unanodized, undrilled	6500 (21'3 ²⁹ / ₃₂)	13158
		cut to size	13159
	Suspension profile, alu unanodized, undrilled	6500 (21'3 ²⁹ / ₃₂)	10332
		cut to size	13071
	Suspension profile, alu plain anodized, undrilled	6500 (21'3 ²⁹ / ₃₂)	10345
		cut to size	12915

Bottom guide channels

		mm/inch	code
	Bottom guide channel, brass, predrilled 20 x 28 x 3 mm (²⁵ / ₃₂ " x 1 ¹¹ / ₈ " x ¹ / ₈ ")	6000 (19'8 ⁷ / ₃₂)	10245
		cut to size	10247




















Integrated locks

		code	
	Bar bolt lock, with retention pin	profile cylinder 17 mm (¹¹ / ₁₆)	16760
		round cylinder 22 mm (⁷ / ₈)	16761
		square/hexagon socket	16762
	Bar bolt lock, with guide pin and fixing parts	profile cylinder 17 mm (¹¹ / ₁₆)	18484
		round cylinder 22 mm (⁷ / ₈)	18485
		square/hexagon socket	18486
	Security rose 16 mm, for double cylinder 17/61 mm, Inox		18502

Cutouts for integrated locks

Cutout, bar bolt lock, for 17 mm double cylinder	18489
Cutout, bar bolt lock, left, 17 mm, for single cylinder	21331
Cutout, bar bolt lock, right, 17 mm, for single cylinder	21332
Cutout, bar bolt lock, for 22 mm double cylinder	18490

Accessories

		code	
	Welding jig for dual top track, steel		10794
	Track stop, galvanized steel		10595
	Two-wheeled trolley, steel wheels and hanger bolt M14		10366
	Suspension plate M14, with fixing screws galvanized steel		10449
	Glass holder insert, plastic with screw M6 x 30 mm Glass suspension and retainer profile: 4 pieces up to 250 kg (550 lbs.) 6 pieces as from 251 kg (552 lbs.) up to 400 kg (880 lbs.)		10792
	Cover cap, rubber, for profiles 13155/13156, 10332/13071	grey	10619
	Cover cap for suspension profile, plastic	anthracite-grey RAL 7016	20907
	Cover cap for suspension and retainer profile 21783/21784/13158/13159	anthracite-grey RAL 7016	21085
	Pivot assembly, complete		10703
	Carrier, adjustable vertically, for pivot door		16325
	Thrust bearing, adjustable, Inox, for fitting into bottom guide channel		22299
	Thrust bearing sleeve, Ø 30 mm (1 ³ / ₁₆) for pivot door		16326
	Guide, rattle proof, plastic 13 mm (¹⁷ / ₃₂), with suspension block		13781
	Centering assembly, complete		10556
	Centering assembly with pivot		18271
	Floor-mounted sleeve with oblong hole and chromium plated brass spring cover		13787
	Rosette for floor-mounted sleeve 13787		17326
	Thumbturn, chromium finish, with square pin 7 x 20 mm (⁹ / ₃₂ " x ²⁹ / ₃₂ ")		12620
	Fork spanner SW 22/12/13 (for trolley 100-150 kg)		15409

Cutout, bar bolt lock, left, 22 mm, for single cylinder	21333
Cutout, bar bolt lock, right, 22 mm, for single cylinder	21334
Cutout, bar bolt lock, left, square/hexagon socket	18492
Cutout, bar bolt lock, right, square/hexagon socket	18491

Component number index with prices per item

Code	Article	EUR	Unit
10245	Bottom guide channel 6000 mm, brass, predrilled 20x28x3 mm (type 59AM)	509.80	piece
10247	Bottom guide channel cut to size, brass, predrilled 20x28x3 mm (type 59AM)	123.30	metre
10332	Suspension profile 6500 mm, alu unanodized, undrilled (type 603LM)	486.20	piece
10345	Multi purpose suspension and retainer profile 6500 mm, alu plain anodized, undrilled (604LM)	300.20	piece
10366	Two-wheeled trolley, steel wheels and hanger bolt M14 (type 103H/steel)	322.20	piece
10449	Suspension plate M14, with fixing screws, galvanized steel (type 103H/103G)	44.70	piece
10556	Centering assembly compl.	60.30	piece
10595	Track stop, galvanized steel, to be drilled into the track	36.20	piece
10619	Plug, rubber, grey, for profiles 13155/13156/13071/10334	7.10	piece
10703	Pivot assembly, complete 400 kg	216.10	piece
10792	Glass holder insert, plastic, with screw M6x30 mm	6.40	piece
10794	Welding jig for dual tracks, steel	139.60	piece
12620	Thumbturn, chromium finish (Shopfront)	40.20	piece
12915	Multi purpose suspension and retainer profile cut to size, alu plain anodized, undrilled (604LM)	67.00	metre
13071	Susp. profile, alu unanod., cut to size, undrilled (603LM)	108.40	metre
13130	Strike plate, chromium-plated steel	30.50	piece
13155	Glass suspension/retainer profile 6500 mm, alu unanodized, undrilled (glass up to 16 mm)	465.00	piece
13156	Glass suspension/retainer profile cut to size, alu unanodized, undrilled (glass up to 16 mm)	103.70	metre
13158	Glass suspension/retainer profile 6500 mm, alu unanodized, undrilled (glass up to 16 mm)	329.80	piece
13159	Glass suspension/retainer profile cut to size, alu unanodized, undrilled (glass up to 16 mm)	73.60	metre
13276	Driver for swing door with commercial bottom door closer	81.70	piece
13576	Glass suspension/retainer profile 6500 mm, alu unanodized	259.80	piece
13585	Suspension profile cover cap, plastic black	5.00	piece
13586	Glass suspension profile cover cap, plastic black	5.00	piece
13587	Cover cap complete, for change direction, plastic, black	14.90	piece
13600	Protective transparent edge trim for 10 mm glass, 6000 mm	87.60	piece
13644	Curved bottom guide chann. 15°, alu plain anodized (HAWA-Variotec)	101.70	piece
13647	Curved bottom guide chann. 30°, alu plain anodized (HAWA-Variotec)	101.70	piece
13650	Curved bottom guide chann. 45°, alu plain anodized (HAWA-Variotec)	101.70	piece
13653	Curved bottom guide chann. 60°, alu plain anodized (HAWA-Variotec)	101.70	piece
13656	Curved bottom guide chann. 75°, alu plain anodized (HAWA-Variotec)	101.70	piece
13659	Curved bottom guide chann. 90°, alu plain anodized (HAWA-Variotec)	101.70	piece
13681	Glass suspension/retainer profile cut to size, alu unanodized	53.90	metre
13682	Suspension profile, 6500 mm, alu unanodized (HAWA-Variotec)	239.70	piece
13683	Suspension profile, cut to size, alu unanodized (HAWA-Variotec)	49.90	metre
13684	Glass suspension profile, 6500 mm, alu unanodized	223.00	piece
13685	Glass suspension profile, cut to size, alu unanodized	46.40	metre
13688	Bottom guide channel 6000 mm, alu plain anodized, predrilled, 31x28 mm	122.70	piece
13690	Bottom guide channel cut to size, alu plain anodized, predrilled, 31x28 mm (HAWA-Variotec)	27.70	metre
13710	Installation-tool for blocking keys 10-12,7 mm	16.50	piece
13759	Connecting bolt 6x40 mm, galvanized steel	1.70	piece
13778	Single-wheeled trolley, with plastic-tyred wheel, M14, susp. plate (HAWA-Variotec 100)	123.40	piece
13779	Top track stop, complete for single top track (HAWA-Variotec)	44.20	piece
13780	Top track stop, complete for dual top track (HAWA-Variotec)	30.80	piece
13781	Guide, rattle proof, plastic 14 mm, with suspension block	39.10	piece
13784	Two-bolt safety lock, with square/hexagon socket	154.90	piece
13785	Two-bolt safety lock, for 17 mm profile cylinder	154.90	piece
13786	Two-bolt safety lock, for 22 mm round cylinder	154.90	piece
13787	Floor-mounted sleeve with oblong hole and chromium plated brass spring cover	31.10	piece
13789	Thumbturn, chromium finish for door thicknesses of 35-40 mm	31.10	piece
13791	Brush seal 2,6/18x1200 mm, for suspension/retainer profile	16.70	piece
13798	Floor door closer GEZE TS 520, with special square socket Hawa for sliding/ swing door (HAWA-Variotec)	686.90	piece
13799	Cover plate to floor door closer, chrome-nickel steel (HAWA-Variotec)	49.90	piece
13817	Fork spanner to glass holder insert	7.80	piece
13818	Two-wheeled trolley, with plastic-tyred wheels, M14 susp.plate (HAWA-Variotec)	139.90	piece
13820	Single wheeled trolley, plastic-tyred wheels, M14, for sliding swing door (HAWA-Variotec)	195.20	piece
13821	Two-wheeled trolley, with plastic-tyred wheels, M14, for sliding pivot door (HAWA-Variotec)	215.60	piece
13822	Protective transparent edge trim for 10 mm glass, 3000 mm	43.80	piece
13823	Left-hand lock complete, for sliding swing door (HAWA-Variotec)	113.70	piece
13824	Right-hand lock complete, for sliding swing door (HAWA-Variotec)	113.70	piece
13825	Coupling mechanism to door closer, for sliding swing door (HAWA-Variotec)	422.30	piece
13827	Pivot bearing for sliding swing door, galvanized steel (HAWA-Variotec)	73.70	piece
13855	One-bolt safety lock, with square/hexagon socket	154.90	piece
13856	One-bolt safety lock, for 17 mm profile cylinder	154.90	piece
13857	One-bolt safety lock, for 22 mm round cylinder	154.90	piece
13861	Glass suspension profile 1100 mm, alu unanodized, for sliding swing door left, with cutout	111.50	piece
13862	Glass suspension profile 1100 mm, alu unanodized, for sliding swing door right, with cutout	111.50	piece
13868	Suspension profile alu 1100 mm, unanodized, for sliding swing door, with cutout	83.30	piece

Prices without value added tax

Component number index with prices per item

Code	Article	EUR	Unit
13872	Glass suspension/retainer profile 1100 mm, alu unanodized,for sliding swing door left, with cutout	81.70	piece
13873	Glass suspension/retainer profile 1100 mm, alu unanodized,for sliding swing door right, with cutout	81.70	piece
13894	Hexagon key with plastic T-handle, 8/80 mm (HAWA-Variotec)	15.80	piece
13900	Set of glass fixing parts, for 1 fully tempered monolithic safety glass sliding door 10 mm, 4 pieces	39.20	piece
13901	Set of glass fixing parts, for 1 fully tempered monolithic safety glass sliding door 12 mm, 4 pieces	39.20	piece
13902	Set of glass fixing parts, for 1 fully tempered monolithic safety glass sliding door 12,7 mm, 4 pieces	39.20	piece
13907	Protective transparent edge trim for 12 mm glass, 6000 mm	87.60	piece
13908	Protective transparent edge trim for 12 mm glass, 3000 mm	43.80	piece
13911	Protective transparent edge trim for 12,7 mm glass, 6000 mm	87.60	piece
13912	Protective transparent edge trim for 12,7 mm glass, 3000 mm	43.80	piece
13988	Double-sided adhesive tape for protective edge trim, 50 m roll	56.40	piece
13999	One-bolt safety lock with bottom guide pin,for 17 mm profile cylinder	177.70	piece
14000	One-bolt safety lock with bottom guide pin,for 22 mm round cylinder	177.70	piece
14035	Project processing/CAD planning, per hour	157.80	hour
14040	Cutout for coupling mechanism f. sliding swing door, left	114.50	piece
14041	Cutout for coupling mechanism f. sliding swing door, right	114.50	piece
14042	Cutout left-hand lock for glass suspension profile, SDT/SPT	84.50	piece
14043	Cutout right-hand lock for glass suspension profile, SDT/SPT,	84.50	piece
14074	Instructions f. converting the sliding swing door to sliding pivot door (HAWA-Variotec)	0.80	piece
14076	One-bolt safety lock with bottom guide pin, square/ hexagon socket	165.80	piece
14085	Cutout left-hand for deadbolt lock for sliding pivot door	115.30	piece
14086	Cutout right-hand for deadbolt lock for sliding pivot door	115.30	piece
14087	Deadbolt lock 13 mm, galvanized steel, for sliding pivot door (HAWA-Variotec)	81.80	piece
14088	Strike plate/pivot bearing,chromium-plated steel (HAWA-Variotec)	34.70	piece
14147	Security rose 12 mm, for profile cylinder 17/61 mm, chrome nickel steel	53.20	piece
14163	Powdercoated to RAL code (HAWA-Variotec)	51.10	metre
14164	Short connecting rod, for door height up to 2500 mm (HAWA-Variotec)	81.80	piece
14165	Long connecting rod, for door height over 2500 mm (HAWA-Variotec)	88.70	piece
14171	Deadbolt lock 13 mm, with guide pin (HAWA-Variotec)	100.50	piece
14178	Adapter for DORMA floor door closer	81.40	piece
14186	Cutout deadbolt lock with guide pin, left	115.30	piece
14187	Cutout deadbolt lock with guide pin, right	115.30	piece
14211	Suspension profile cover cap, plastic black (HAWA-Variotec G+H)	6.00	piece
14378	Stainless-steel effect, hard anodized, brushed, polished, mat finish	103.10	metre
14626	Plain anodized, polished, brushed (HAWA-Variotec)	80.20	metre
14630	Chrome mirror finish	195.20	metre
14631	Nickel mirror finish	419.10	metre
14688	Top-fixing plate for stationary glass, with hanger bolt M12 HAWA-Variotec, Super 250	41.70	piece
14691	Bottom profile for stationary glass and wood element, 6000 mm, alu plain anodized, undrilled	86.80	piece
14692	Bottom profile for stationary glass and wood element, cut to size, alu plain anodized, undrilled	21.00	metre
15358	Single top track 6000 mm, alu plain anodized	155.80	piece
15360	Single top track cut to size, alu plain anodized (HAWA-Variotec)	34.90	metre
15361	Dual top track 6000 mm, alu plain anodized, predrilled	309.30	piece
15362	Dual top track cut to size, alu plain anodized, predrilled (HAWA-Variotec)	69.50	metre
15366	Outer curve top track, 90° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15367	Inner curve top track, 90° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15368	Outer curve top track, 75° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15369	Inner curve top track, 75° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15370	Outer curve top track, 60° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15371	Inner curve top track, 60° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15372	Outer curve top track, 45 segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15373	Inner curve top track, 45° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15374	Outer curve top track, 30° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15375	Inner curve top track, 30° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15376	Outer curve top track, 15° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15377	Inner curve top track, 15° segment, alu plain anodized (HAWA-Variotec)	140.90	piece
15380	Servicing unit, dismountable, 100 mm (HAWA-Variotec)	13.90	piece
15383	Top fixing plate for 2x single top track (HAWA-Variotec)	14.60	piece
15398	Holding device SPT/SDT for top tracks with integrated cover	398.00	piece
15409	Fork spanner SW 22/12/13 f.trolley 100-150 kg/pivot door vertical adjustment	10.50	piece
15411	Suspens.profile processing for surface mounted top door closer, axis of rotation left	35.10	piece
15412	Retainer profile processing for surface mounted top door closer, axis of rotation left	38.00	piece
15414	Top fixing plate for single top track (HAWA-Variotec)	14.10	piece
15415	Retainer profile processing for surface mounted top door closer, axis of rotation right	38.00	piece
15416	Suspens.profile processing for surface mounted top door closer, axis of rotation right	35.10	piece
15421	Cutout for holding device for top tracks with integrated cover	62.70	piece
15429	Stop plate complete for SPT/SDT	7.50	piece
15439	Cover plate complete, for dual top track	25.10	piece

Prices without value added tax

Component number index with prices per item

Code	Article	EUR	Unit
15451	Limit stop to surface-mounted top door closer	26.40	piece
15457	Limit stop and baseplate to surface mounted top door closer	78.60	piece
15459	Fork spanner SW 17/8/13	10.50	piece
15515	Surface mounted top door closer GEZE TS 3000V with slide rail TS 5000	239.20	piece
15516	Locking unit for surface mounted top door closer	47.30	piece
15517	Opening limiter for surface mounted top door closer	45.00	piece
15653	Preliminary mounting parking area	181.10	piece
15654	Additional packing share for each HAWA-Variotec/ Motus parking area	135.20	piece
15659	Connecting handle	18.70	piece
15718	Top track dual curved segment 15°, for change direction, alu plain anod. (HAWA-Variotec)	241.50	piece
15719	Top track dual curved segment 30°, for change direction, alu plain anod. (HAWA-Variotec)	241.50	piece
15720	Top track dual curved segment 45°, for change direction, alu plain anod. (HAWA-Variotec)	241.50	piece
15721	Top track dual curved segment 60°, for change direction, alu plain anod. (HAWA-Variotec)	241.50	piece
15722	Top track dual curved segment 75°, for change direction, alu plain anod. (HAWA-Variotec)	241.50	piece
15723	Top track dual curved segment 90°, for change direction, alu plain anod. (HAWA-Variotec)	241.50	piece
15803	Retaining device for stationary glass with dual top track (HAWA-Variotec)	48.50	piece
15841	Top track curved segment 90°, parking area branch, parking area left	319.90	piece
15842	Top track curved segment 90°, parking area branch, parking area right	319.90	piece
15843	Top track curved segment 75°, parking area branch, parking area left	319.90	piece
15844	Top track curved segment 75°, parking area branch, parking area right	319.90	piece
15845	Top track curved segment 60°, parking area branch, parking area left	319.90	piece
15846	Top track curved segment 60°, parking area branch, parking area right	319.90	piece
16038	Curving and preparing all special radii, per track	196.30	piece
16040	Machine set-up time for each profile and bending direction	204.80	piece
16041	Bending of top tracks and bottom guide channels for HAWA-Variotec special curved segments	273.90	piece
16173	Matching segment for dual top track 45° - 90°, left	133.50	piece
16174	Matching segment for dual top track 45° - 90°, right	133.50	piece
16196	Pivot bearing for PT and DT (without track)	99.50	piece
16325	Driver, vertically adjustable, for pivot door	66.40	piece
16326	Thrust bearing sleeve, D=30 mm, for pivot door	71.10	piece
16629	Centering assembly 0 - 18°	85.20	piece
16669	Glass suspension/retainer profile 6500 mm, alu plain anodized, brushed	435.40	piece
16709	Cutout for TGP left, external pivot, opening inwards	35.70	piece
16710	Cutout for TGP right, external pivot, opening inwards	35.70	piece
16713	Cutout for dual top track, left, for external pivot, opening inwards	35.70	piece
16714	Cutout for dual top track, right, for external pivot, opening inwards	35.70	piece
16741	Basic treatment fee to surface treatment, lump sum per colour	240.50	piece
16760	Bar bolt lock for 17 mm profile cylinder, with retention pin	144.10	piece
16761	Bar bolt lock for 22 mm round cylinder, with retention pin	144.10	piece
16762	Bar bolt lock for square/hexagon socket, with retention pin	144.10	piece
16765	Thrust bearing, adjustable, for fitting into bottom guide channel	113.40	piece
16778	Matching segment for bottom guide channel, 45°-90°, left	93.50	piece
16779	Matching segment for bottom guide channel, 45°-90°, right	93.50	piece
16797	Brush seal 2,6/18x920 mm for glass suspension and retainer profile	13.00	piece
16798	Outside pivot bearing HAWA-Variotec 150/GV	480.30	piece
17045	Connecting bracket for ceiling structure HAWA-Variotec 150, without fixing parts	14.30	piece
17102	Cutout left, for electric two-bolt lock, double cylinder 17 mm, to locking door	162.30	piece
17103	Cutout left, for electric two-bolt lock, double cylinder 22 mm, to locking door	162.30	piece
17104	Cutout left, for electric two-bolt lock, single cylinder 17 mm, for locking door	162.30	piece
17105	Cutout left, for electric two-bolt lock, single cylinder 22 mm, to locking door	162.30	piece
17110	Wrench, hexagon 5 mm, SW 11 mm	27.90	piece
17111	Installation assistance per day, without expenses, net	1024.10	piece
17112	Installation assistance per hour, without expenses, net	120.20	hour
17130	Deadbolt lock 13 mm, inox	133.50	piece
17232	Coupler to top track, galvanized steel (HAWA-Variotec)	8.60	piece
17294	Bending and assembly of dual top track with special radius, HAWA-Variotec/Motus	948.10	piece
17300	Glass suspension/retainer profile 1070 mm, incl. lock cutout	88.30	piece
17326	Rosette for floor-mounted sleeve 13787	15.60	piece
17551	Top track curved segment 45°, parking area branch, parking area left	319.90	piece
17552	Top track curved segment 45°, parking area branch, parking area right	319.90	piece
17599	Centering assembly 15-90° complete	73.00	piece
17724	Vertical profile No. 1, 6500 mm, alu unanodized, for change in direction, for frame system	80.00	piece
17725	Vertical profile No. 1, cut to size, alu unanod., for change in direction, for frame system	16.60	metre
17727	Vertical profile No. 2, 6500 mm, alu unanodized, for change in direction, for frame system	72.60	piece
17728	Vertical profile No. 2, cut to size, alu unanod., for change in direction, for frame system	15.20	metre
17730	Vertical profile 6500 mm, alu unanodized, for frame system	68.70	piece
17731	Vertical profile cut to size, alu unanodized, for frame system	14.40	metre
17733	Rubber for vertical profile, black, 20 m, for frame system	186.10	piece

Prices without value added tax

Component number index with prices per item

Code	Article	EUR	Unit
17739	Wall-mounting profile 6500 mm, alu unanodized, for frame system	68.70	piece
17741	Wall-mounting profile cut to size, alu unanodized, for frame system	14.40	metre
17760	Stop profile 6500 mm, alu unanodized, for frame system	72.60	piece
17761	Stop profile cut to size, alu unanodized, for frame system	15.20	metre
17766	Rubber profile for pivot door stop profile, 5 m, for frame system	36.40	piece
17768	Rubber for vertical profile No. 2, black, 5 m, for frame system	13.50	piece
17776	Cover cap, black, for frame system	15.30	piece
17858	Fixing parts for cover caps, for frame system	3.30	piece
17897	Pivot door catch complete	56.10	piece
17917	Deadbolt lock 13 mm, for lateral mounting, for frame system	80.20	piece
17921	Cover cap retention piece for deadbolt lock and safety lock, for frame system	22.00	piece
17948	Cover profile for pivot door 6500 mm, alu unanodized, for frame system	74.50	piece
17949	Cover profile for pivot door cut to size, alu unanodized, for frame system	15.50	metre
17950	Cover profile 6500 mm, alu unanodized, for frame system	84.00	piece
17951	Cover profile cut to size, alu unanodized, for frame system	17.40	metre
17961	Set of fixing parts, for changes in direction for vertical profile No. 2, set of 4 pieces	11.30	piece
17962	Set of fixing parts, for changes in direction for vertical profile No. 1, set of 4 pieces	12.40	piece
17964	Deadbolt lock 13 mm, with guide pin for lateral mounting, for frame system	98.90	piece
17973	Cutout left-hand for deadbolt lock, for lateral mounting	115.30	piece
17974	Cutout right-hand for deadbolt lock, for lateral mounting	115.30	piece
17979	Cutout left, for electric two-bolt lock, double cylinder 17 mm (HAWA-Motus 150/matic)	152.70	piece
17980	Cutout right, for electric two-bolt lock, double cylinder 17 mm (HAWA-Motus 150/matic)	152.70	piece
17981	Cutout left, for electric two-bolt lock, double cylinder 22 mm (HAWA-Motus 150/matic)	152.70	piece
17982	Cutout right, for electric two-bolt lock, double cylinder 22 mm (HAWA-Motus 150/matic)	152.70	piece
17983	Cutout left, for electric two-bolt lock, single cylinder 17 mm	152.70	piece
17984	Cutout right, for electric two-bolt lock, single cylinder 17 mm	152.70	piece
17985	Cutout left, for electric two-bolt lock, single cylinder 22 mm	152.70	piece
17986	Cutout right, for electric two-bolt lock, single cylinder 22 mm	152.70	piece
17987	Cutout for safety lock 17 mm, left, for double cylinder	115.30	piece
17988	Cutout for safety lock 17 mm, right, for double cylinder	115.30	piece
17989	Cutout for safety lock 22 mm, left, for double cylinder	115.30	piece
17990	Cutout for safety lock 22 mm, right, for double cylinder	115.30	piece
17991	Cutout for safety lock, left, square/hexagon socket	115.30	piece
17992	Cutout for safety lock, right, square/hexagon socket	115.30	piece
17993	Cutout for safety lock 17 mm, left, for single cylinder	115.30	piece
17994	Cutout for safety lock 17 mm, right, for single cylinder	115.30	piece
17995	Cutout for safety lock 22 mm, left, for single cylinder	115.30	piece
17996	Cutout for safety lock 22 mm, right, for single cylinder	115.30	piece
18001	Deadbolt lock 13 mm, stainless steel WNR 1.4301 /AISI 304, for lateral mounting, for frame system	146.10	piece
18012	Screws for cover cap fixing, for frame system, set of 50 pieces (for 5 doors)	22.80	piece
18013	Centering clamps for 10 mm glass, set of 50 pieces, for frame system	52.70	piece
18014	Centering clamps for 12 mm glass, set of 50 pieces, for frame system	52.70	piece
18015	Centering clamps for 12,7 mm, glass, set of 50 pieces, for frame system	52.70	piece
18036	Single top track, stainless steel WNR 1.4301/AISI 304, cut to size, with top mounting flanges	281.10	metre
18038	Dual top track, stainless steel WNR 1.4301/AISI 304, with top mounting flanges, cut to size (Shopfront)	525.80	metre
18048	Set of cover caps for 1 pivot door, for HAWA-Variotec-frame system	91.70	piece
18271	Centering assembly with pivot	30.50	piece
18287	Set of fixing parts, for frame system, set for 1 door	68.70	piece
18314	Bottom and top drillings for vertical profile, for frame system	26.70	piece
18315	Bottom and top drillings for stop profile, for frame system	36.40	piece
18316	Drillings for vertical profile No. 1, for frame system	30.50	piece
18317	Drillings for vertical profile No. 2, for frame system	27.80	piece
18484	Bar bolt lock for 17 mm profile cylinder, with guide pin and fixing parts	180.50	piece
18485	Bar bolt lock for 22 mm round cylinder, with guide pin and fixing parts	180.50	piece
18486	Bar bolt lock for square/hexagon socket with guide pin and fixing parts	180.50	piece
18489	Cutout, bar bolt lock for 17 mm double cylinder	114.60	piece
18490	Cutout, bar bolt lock for 22 mm double cylinder	114.60	piece
18491	Cutout, bar bolt lock, right, square/hexagon socket	114.60	piece
18492	Cutout, bar bolt lock, left, square/hexagon socket	114.60	piece
18502	Security rose 16 mm, for double cylinder 17/61 mm, Inox	59.30	piece
18667	Top track-special dual curved segment Rm 127, angle according to indication, HAWA-Variotec 150	606.10	piece
19017	Left-hand lock cutout in glass suspension/retainer profile 230 mm, for 22 mm double cylinder	115.30	piece
19018	Right-hand lock cutout in glass suspension/retainer profile 230 mm, for 22 mm double cylinder	115.30	piece
19019	Left-hand lock cutout in glass suspension/retainer profile 230 mm, for deadbolt lock	115.30	piece
19020	Right-hand lock cutout in glass suspension/retainer profile 230 mm, for deadbolt lock	115.30	piece
19066	Glass suspension/retainer profile, cut to size, alu unanodized, height 230 mm	191.40	metre
19180	Glass suspension/retainer profile, 4500 mm, alu unanodized, height 230 mm	646.70	piece
19321	Assembly parts for connecting bracket for ceiling structure HAWA-Variotec 150	15.20	piece

Prices without value added tax

Component number index with prices per item

Code	Article	EUR	Unit
19442	Rubber profile self-adhesive, black, for 8/10 mm glass thickness, glass distance 4 mm, 5 m roll	61.50	piece
19443	Rubber profile self-adhesive, black, for 8/10 mm glass thickness, glass distance 4 mm, 10 m roll	123.00	piece
19444	Rubber profile self-adhesive, black, for 8/10 mm glass thickness, glass distance 4 mm, 50 m roll	615.00	piece
19445	Rubber profile self-adhesive, translucent, for 8/10 mm glass thickness, glass distance 4 mm, 5 m roll	61.50	piece
19446	Rubber profile self-adhesive, translucent, for 8/10 mm glass thickness, glass distance 4 mm, 10 m roll	123.00	piece
19447	Rubber profile self-adhesive, translucent, for 8/10 mm glass thickness, glass distance 4 mm, 50 m roll	615.00	piece
19615	Lock cutout incl. drilling for 17 mm double cylinder	102.00	piece
19627	Powdercoated to RAL tone No., vertical profile for frame system	17.00	metre
19628	Plain anodized, brushed, vertical profile for frame system	26.80	metre
19629	Stainless-steel effect, hard anodized, brushed, polished, mat finish, vertical prof.f.frame system	34.50	metre
19630	Stainless-steel effect, nickel plated, brushed, mirror finish, vertical profile for frame system	140.20	metre
19645	Bottom guide channel spec. curved segment Rm127, angle according to indication, HAWA-Variotec 150	322.00	piece
19800	Outer top track special curved segment, Rm127, angle according to indication, HAWA-Variotec 150	347.00	piece
19801	Inner top track special curved segment, Rm127, angle according to indication, HAWA-Variotec 150	347.00	piece
19818	Centering piece, single unit, alu plain anodized	19.40	piece
19820	Floor locking lever	69.60	piece
19822	Floor locking lever 0-18°	139.50	piece
19868	Glass suspension/retainer profile cut to size, alu plain anodized, brushed	90.50	metre
19884	Cover cap 3 mm, black, for 230 mm tall profile, 1 piece	18.60	piece
19885	Cover cap 3 mm, black, for 230 mm tall profile, matches floor locking lever and centering assembly, 1 piece	23.20	piece
19886	Cover cap 13 mm, black, for 230 mm tall profile, for changes in direction, 1 piece	21.00	piece
19901	Left-hand lock cutout in glass suspension/retainer profile 230 mm, for 17 mm double cylinder	115.30	piece
19902	Right-hand lock cutout in glass suspension/retainer profile 230 mm, for 17 mm double cylinder	115.30	piece
19903	Cover cap black, incl. fixing screw	11.00	piece
20608	Bottom locking device 18-90°, left, lateral operation (HAC)	110.30	piece
20609	Bottom locking device 18-90°, right, lateral operation (HAC)	110.30	piece
20724	Cutout for bottom locking device, left, lateral operation	86.60	piece
20725	Cutout for bottom locking device, right, lateral operation	86.60	piece
20907	Cover cap for suspension profile, plastic anthracite-grey RAL 7016	4.80	piece
21085	Cover cap for glass suspension/retainer profile, 21783/21784/13158/13159, plastic anthracite-grey RAL 7016	7.20	piece
21225	Bar bolt lock for 17 mm profile cylinder, with retention pin, stainless steel WNR 1.4301/AISI 304	188.90	piece
21263	Glass fixing parts for 1 sliding door, glass thickness 2x5 mm, fully tempered laminated safety glass, 4 pieces	42.60	piece
21331	Cutout, bar bolt lock, left 17 mm, for single cylinder	114.60	piece
21332	Cutout, bar bolt lock, right 17 mm, for single cylinder	114.60	piece
21333	Cutout, bar bolt lock, left 22 mm, for single cylinder	114.60	piece
21334	Cutout, bar bolt lock, right 22 mm, for single cylinder	114.60	piece
21783	Glass suspension/retainer profile 6500 mm, alu plain anodized, brushed, undrilled (glass up to 16 mm)	553.00	piece
21784	Glass suspension/retainer profile cut to size, alu plain anodized, brushed, undrilled (glass up to 16 mm)	123.30	metre
21833	Suspension profile, 6500 mm, alu plain anodized, brushed (HAWA-Variotec)	402.20	piece
21834	Suspension profile, cut to size, alu plain anodized, brushed (HAWA-Variotec)	83.50	metre
21835	Glass suspension profile, 6500 mm, alu plain anodized, brushed	374.50	piece
21836	Glass suspension profile, cut to size, alu plain anodized, brushed	77.70	metre
21837	Suspension profile alu 1100 mm, plain anodized, brushed, for sliding swing door, with cutout	122.70	piece
21838	Glass suspension profile 1100 mm, alu plain anod., brushed, for sliding swing door left, with cutout	152.80	piece
21839	Glass suspension profile 1100 mm, alu plain anod., brushed, for sliding swing door right, with cutout	152.80	piece
21840	Glass suspension/retainer profile 1100 mm, alu plain anod. brushed, for sliding swing door left, w. cutout	133.60	piece
21841	Glass suspension/retainer profile 1100 mm, alu plain anod. brushed, for sliding swing door right, w. cutout	133.60	piece
22299	Thrust bearing, adjustable, Inox, for fitting into bottom guide channel	163.60	piece
23149	Lock cutout right, incl. drilling for single cylinder 17 mm	102.00	piece
23150	Lock cutout left, incl. drilling for single cylinder 17 mm	102.00	piece
23437	Glass suspension profile cover cap, plastic black (for straight profile)	7.20	piece
23440	Glass suspension/retainer profile 6500 mm, alu plain anodized, brushed (straight profile)	435.40	piece
23441	Glass suspension/retainer profile 6500 mm, alu unanodized (straight profile)	259.80	piece
23442	Glass suspension/retainer profile cut to size, alu unanodized (straight profile)	53.90	metre
23443	Glass suspension/retainer profile cut to size, alu plain anodized, brushed (straight profile)	90.50	metre
23445	Glass suspension profile, 6500 mm, alu unanodized (straight profile)	223.00	piece
23446	Glass suspension profile, cut to size, alu unanodized (straight profile)	46.40	metre
23470	Cover cap black, incl. fixing screw (for straight profile)	6.60	piece
23471	Cover cap complete, for change direction, plastic, black (for straight profile)	14.90	piece
23477	Glass suspension/retainer profile 1070 mm, incl. lock cutout (straight profile)	88.30	piece
23478	Glass suspension/retainer profile 1100 mm, alu plain anod. brushed, for sliding swing door left, w. cutout (straight profile)	133.60	piece
23479	Glass suspension/retainer profile 1100 mm, alu plain anod. brushed, for sliding swing door right, w. cutout (straight profile)	133.60	piece
23480	Glass suspension/retainer profile 1100 mm, alu unanodized, for sliding swing door left, with cutout (straight profile)	81.70	piece
23481	Glass suspension/retainer profile 1100 mm, alu unanodized, for sliding swing door right, with cutout (straight profile)	81.70	piece
23482	Cutout for safety lock 17 mm, left, for double cylinder (straight profile)	115.30	piece
23483	Cutout for safety lock 17 mm, right, for double cylinder (straight profile)	115.30	piece
23484	Cutout for safety lock 22 mm, left, for double cylinder (straight profile)	115.30	piece
23485	Cutout for safety lock 22 mm, right, for double cylinder (straight profile)	115.30	piece

 Prices without value added tax

Component number index with prices per item

Code	Article	EUR	Unit
23486	Cutout for safety lock 17 mm, left, for single cylinder (straight profile)	115.30	piece
23487	Cutout for safety lock 17 mm, right, for single cylinder (straight profile)	115.30	piece
23488	Cutout for safety lock 22 mm, left, for single cylinder (straight profile)	115.30	piece
23489	Cutout for safety lock 22 mm, right, for single cylinder (straight profile)	115.30	piece
23490	Cutout for safety lock, left, square/hexagon socket (straight profile)	115.30	piece
23491	Cutout for safety lock, right, square/hexagon socket (straight profile)	115.30	piece
23492	Cutout left-hand for deadbolt lock for sliding pivot door (straight profile)	115.30	piece
23493	Cutout right-hand for deadbolt lock for sliding pivot door (straight profile)	115.30	piece
23494	Cutout deadbolt lock with guide pin, left (straight profile)	115.30	piece
23495	Cutout deadbolt lock with guide pin, right (straight profile)	115.30	piece
23496	Cutout left-hand for deadbolt lock, for lateral mounting (straight profile)	115.30	piece
23497	Cutout right-hand for deadbolt lock, for lateral mounting (straight profile)	115.30	piece
23498	Cutout for coupling mechanism f. sliding swing door, left (straight profile)	114.50	piece
23499	Cutout for coupling mechanism f. sliding swing door, right (straight profile)	114.50	piece
23500	Cutout for TGP left, external pivot, opening inwards (straight profile)	35.70	piece
23501	Cutout for TGP right, external pivot, opening inwards (straight profile)	35.70	piece
23502	Lock cutout incl. drilling for 17 mm double cylinder (straight profile)	102.00	piece
23503	Glass suspension profile, 6500 mm, alu plain anodized, brushed (straight profile)	374.50	piece
23504	Glass suspension profile, cut to size, alu plain anodized, brushed (straight profile)	77.70	metre
23505	Glass suspension profile 1100 mm, alu unanodized, for sliding swing door left, with cutout (straight profile)	111.50	piece
23506	Glass suspension profile 1100 mm, alu unanodized, for sliding swing door right, with cutout (straight profile)	111.50	piece
23507	Glass suspension profile 1100 mm, alu plain anod., brushed, for sliding swing door left, with cutout (straight profile)	152.80	piece
23508	Glass suspension profile 1100 mm, alu plain anod., brushed, for sliding swing door right, with cutout (straight profile)	152.80	piece
23509	Cutout left-hand lock for glass suspension profile, SDT/SPT (straight profile)	84.50	piece
23510	Cutout right-hand lock for glass suspension profile, SDT/SPT (straight profile)	84.50	piece
23511	Retainer profile processing for limit stop to surface mounted top door closer, axis of rotation left (straight profile)	32.60	piece
23512	Retainer profile processing for limit stop to surface mounted top door closer, axis of rotation right (straight profile)	32.60	piece
23516	Centering assembly 15-90° complete (for straight profile)	73.00	piece
23542	Glass fixing parts for 1 sliding door, glass thickness 2x6 mm, fully tempered laminated safety glass, 4 pieces	42.60	piece
23699	Lock cutout right, incl. drilling for single cylinder 17 mm (straight profile)	102.00	piece
23700	Lock cutout links, incl. drilling for single cylinder 17 mm (straight profile)	102.00	piece
24470	Limit stop and baseplate to surface mounted top door closer (straight profile)	78.60	piece
24475	Retainer profile processing for surface mounted top door closer, axis of rotation left (straight profile)	38.00	piece
24476	Retainer profile processing for surface mounted top door closer, axis of rotation right (straight profile)	38.00	piece

General Terms and Conditions (GTC)

1. General information

- 1.1 These GTC govern all contractual relationships with Hawa AG, Mettmenstetten, Switzerland (Hawa) and form an integral part of all such contractual relationships. **Hawa does not accept any contrary or deviating business conditions of the contracting partner.**
- 1.2 Oral agreements must be confirmed in writing to be valid.
- 1.3 Third parties who are not a contracting party do not have any claim to the application of any provisions of these GTC.
- 1.4 If individual provisions of these GTC should be declared invalid or unenforceable in part or in whole by the authorities in charge, the remaining provisions or the remainder of the questionable provisions of these GTC will not be affected.

2. Deliveries

- 2.1 Orders are only binding on Hawa if they are confirmed in writing by Hawa. If no specific delivery dates are agreed for deliveries and services, Hawa provides the deliveries and services within the scope of its normal business operations.
- 2.2 Dates and deadlines for deliveries and services are only binding for Hawa if they are agreed in writing and confirmed in a binding manner by Hawa. Hawa can only meet the agreed dates and deadlines if all documents, releases and other obligations of the contracting partner are delivered and performed on time. If this is not the case, all dates and deadlines will be extended appropriately.
- 2.3 If Hawa fails to meet agreed dates and deadlines for deliveries and services for reasons for which Hawa is responsible, the contracting partner must extend Hawa's deadline for the performance of its obligations by a suitable period of time. Within this extended deadline, Hawa can withdraw from the contract without becoming liable for any payments. If Hawa does not withdraw from or fulfil the contract within the extended deadline, the contracting partner may withdraw from the contract and request the reimbursement of any payments already made. **Any further claims by the contracting partner, in particular claims arising from indirect or third-party damage, are excluded.**
- 2.4 Hawa is entitled to make partial deliveries. If the contracting partner is in arrears with its payments, Hawa is entitled to hold back any other deliveries and services agreed with the contracting partner until all outstanding amounts have been paid and sufficient collateral has been provided for future deliveries and services.
- 2.5 Deliveries are made ex warehouse Hawa at the cost and risk of the contracting partner. Goods can only be returned with the express prior approval of Hawa. The cost of transporting and processing returned goods (incoming goods inspection including packaging, storage, etc.) will be borne by the contract partner.
- 2.6 The delivery terms are interpreted in accordance with Incoterms 2010 (International Commercial Terms), of the International Chamber of Commerce (ICC), unless agreed otherwise with the contracting partner.

3. Prices and payment terms

- 3.1 Price agreements, agreements on discounts and rebates, etc. are only binding for Hawa if they have been agreed in writing. Otherwise the prices set out in Hawa's current price list or in the order confirmations apply. These prices are expressed in Swiss francs, unless expressly agreed otherwise and confirmed in writing.
- 3.2 Hawa reserves the right to invoice a proportion of the freight charges. Freight and postage for express deliveries, deliveries by post and direct deliveries are charged in full. Any taxes and duties are passed on to the contracting partner. Hawa reserves the right to charge packaging at cost price; any requests for special packaging are charged separately.
- 3.3 Invoices must usually be paid net within 30 days. Payment is considered to have been made when the outstanding amount is credited to Hawa's account. If the contracting partner is in arrears with a payment, Hawa may, without issuing a reminder, charge interest on arrears from the 31st day following the invoice date at the interest rate charged by the business banks on current account overdrafts but at least 4% more than the current discount rate applied by the Swiss National Bank.
- 3.4 Payments made by the contracting partner are first credited to the oldest outstanding invoices. If costs and interests have already accrued, payments by the contracting partner are first credited to the costs, then to the interest and finally to the outstanding invoices. Hawa's claims may only be set off against counterclaims of the contracting partner with Hawa's consent or on the basis of a final and absolute court judgement.

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General Terms and Conditions (GTC)

4. Reservation of ownership

- 4.1** The delivered goods remain the property of Hawa until the payment of all Hawa's claims against the contracting partner (including all current account balance claims). If orders are combined, the ownership reservation also applies to the value of the new goods.
- 4.2** The contracting partner may process and sell the goods subject to the ownership reservation as usual. The claim arising from the resale or for any other legal grounds is assigned to Hawa as collateral under these GTC.
- 4.3** If third parties seize the goods under ownership reservation, the contracting partner must point out that these goods belong to Hawa and inform Hawa of the seizure.
- 4.4** If the contracting partner is in arrears with a payment, Hawa is entitled to take back the delivered goods. The taking back of the goods by Hawa does not constitute a withdrawal from the contract and does not release the contracting partner from the obligation to fulfil its contractual duties.

5. Product performance, duties to inform and instruct

- 5.1** If the product performance is not defined in Hawa's current catalogues, brochures, performance descriptions, etc., the requirements that must be met by the individual products must be agreed with Hawa in writing.
- 5.2** The contracting partner notes that adequacy of the products depends on many different factors and undertakes to consult the applicable planning and installation manuals.
- 5.3** In fulfilment of its duties to provide information and instruction, Hawa provides its contracting partners (usually specialist dealers, architects, planners, advisors, processors, etc.) with its catalogues, brochures, planning and installation manuals, maintenance manuals, factory-level advice and training.
- 5.4** Contracting partners are obliged to take note of Hawa's product information and in particular to order all manuals from Hawa and, if applicable, make these manuals available to processors and users.

6. Warranty of title and quality, liability

- 6.1** Hawa warrants that the products do not violate the intellectual rights of any third parties.
- 6.2** The contracting partner must examine deliveries and services for defects immediately upon receipt. Hawa must be notified of any complaints without delay.
- 6.3** Hawa warrants flawless performance of the products delivered by Hawa and the durability of all parts except for parts subject to wear and tear for two years from the transfer of risk. The warranty does not apply to damage that arises from natural wear and tear, improper use, non-compliance with installation and maintenance manuals, changes to the delivered goods or replacement parts that do not meet Hawa's original specifications.
- 6.4** Hawa may request the contracting partner to return parts that are truly defective to Hawa at the contracting partner's cost and risk. Defects to part of a delivery do not entitle the contracting partner to refuse or return the whole delivery.
- 6.5** If the complaints are justified, the contracting partner is entitled to the improvement (repair) or replacement of the damaged part (as decided by Hawa). Hawa grants the same warranty as for the first delivery to any repairs or replacements, but this warranty is only valid for 6 months from the date of acceptance of the repairs or receipt of the replacement delivery.
- 6.6** **Hawa expressly excludes any further liability**, regardless of its legal basis, to the extent that this is possible under the law. This applies in particular to indirect and third-party damage.

7. Applicable law, place of jurisdiction

- 7.1** **Swiss law applies exclusively** to all contractual agreements concluded with Hawa. **The registered office of Hawa is the exclusive place of jurisdiction** for all disputes arising from such contractual agreements.

The provisions of the UN Convention on the Sale of Goods are expressly excluded.