STAINLESS STEEL AND PVC CATALOGUE

More than Just Components



DISCOVER OUR SELECTION OF HIGH-QUALITY
PARTS MADE FROM V4A STAINLESS STEEL AND PVC
THROUGH-COLORED FOR WHIRLPOOL TUBS AND SPA WHIRLPOOLS.





Stainless Steel and Plastic Light Grey

The Austrian company Koller has a long-standing history of innovation since its founding in 1978. As our customer, you can rely on high-quality components that we develop and produce ourselves.

Both SPA whirlpools and whirlpool tubs offer a relaxing and refreshing experience, but there are some differences between the two.

A SPA whirlpool is typically larger than a whirlpool tub and can accommodate several people. It is also equipped with features such as massage jets, light therapy, and automatic water temperature control to provide a comprehensive wellness experience. A SPA whirlpool is usually installed outdoors and the water is not changed after every use.

On the other hand, a whirlpool tub is typically much smaller than a SPA whirlpool and can accommodate only one person. It is usually equipped with water and air jets, and may also include features such as RGB lights and disinfection. A whirlpool tub is usually installed in a bathroom or wellness area in the home, and the tub is filled and emptied before and after each use.

In summary, SPA whirlpools are designed for a comprehensive wellness experience for multiple people, while whirlpool tubs are intended for relaxation and massage for one person. However, both offer an excellent way to relieve stress and relax.

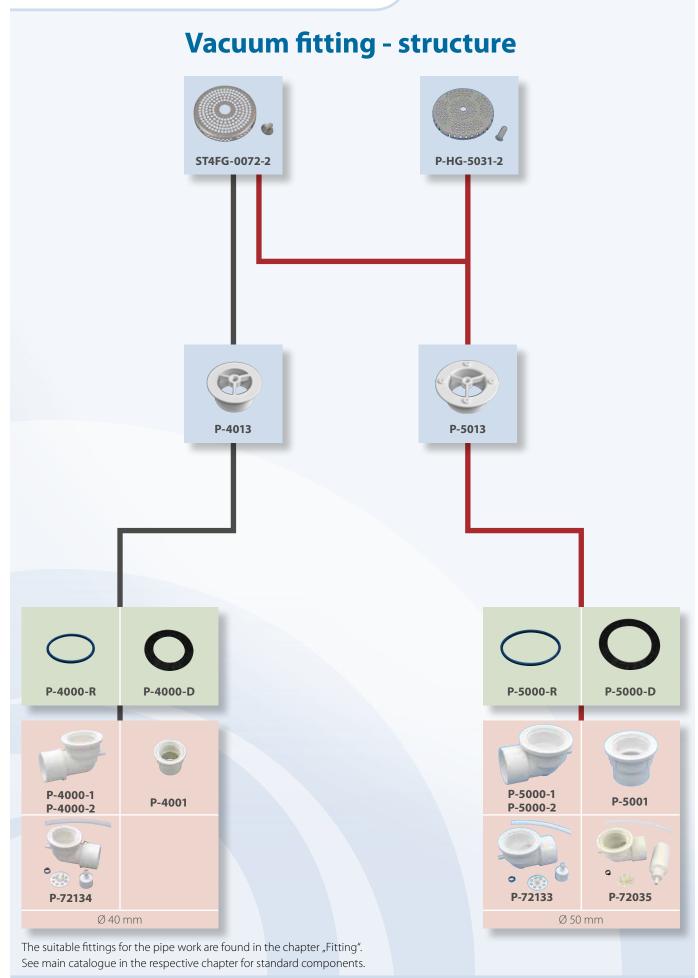


















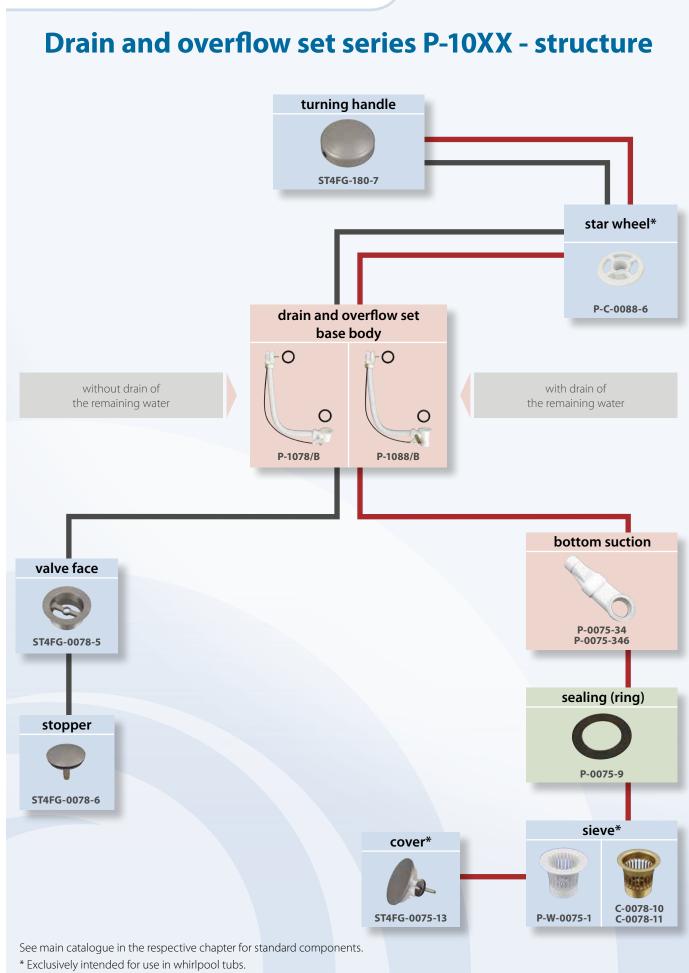
Safety cover ST4FG-0072.2 material. safetines asset (VHA) covering the safetines asset (VHA) registr. 10 mm mounting method: 2/cew (thread fills) veight: 41 g suitable for: vacuum connection part; P-5013 A snewrither is required for install attain height: 13 g suitable for: vacuum connection part; P-5013 A scewarther is required for install attain height: 13 g suitable for: vacuum connection part; P-5013 A scewarther is required for install stant.	VACUUM FITTING		Order No.
material: plastic PVC outside & 90 mm height: 10 mm mounting method: screw (thread M8) weight: 19 g suitable for: vacuum connection part: P-5013 A screwdriver is required for installation!		material: stainless steel (V4A) outside Ø: 96 mm height: 10 mm mounting method: screw (thread M8) weight: 41 g suitable for: vacuum connection part: P-5013	ST4FG-0072-2
		material: plastic PVC outside Ø: 90 mm height: 10 mm mounting method: screw (thread M8) weight: 19 g suitable for: vacuum connection part: P-5013 A screwdriver is required for installation!	P-HG-5031-2



















Drain and overflow set series R-00XX - structure turning handle ST4FG-180-7 ring and screw for filling drain and overflow set ST4FG-0078-2 base body with drain of without drain of the remaining water the remaining water 0 0 P-0078F/B P-0088F/B bottom suction valve face P-0075-34 ST4FG-0078-5 P-0075-346 sealing (ring) stopper P-0075-9 ST4FG-0078-6 sieve* cover* 1111 Mille C-0078-10 ST4FG-0075-13 P-W-0075-1 C-0078-11 See main catalogue in the respective chapter for standard components. * Exclusively intended for use in whirlpool tubs.









Drain and overflow set series P-20XX - structure cover with lever P-X-0089-100 ST4FG-0089-100 hollow bolt with multitooth axis drain and overflow set P-0089-33 base body with drain of without drain of the remaining water the remaining water 0 P-2078F/B P-2088F/B bottom suction valve face P-0075-34 ST4FG-0078-5 P-0075-346 sealing (ring) stopper P-0075-9 ST4FG-0078-6 sieve* cover* C-0078-10 ST4FG-0075-13 P-W-0075-1 C-0078-11 See main catalogue in the respective chapter for standard components. * Exclusively intended for use in whirlpool tubs.









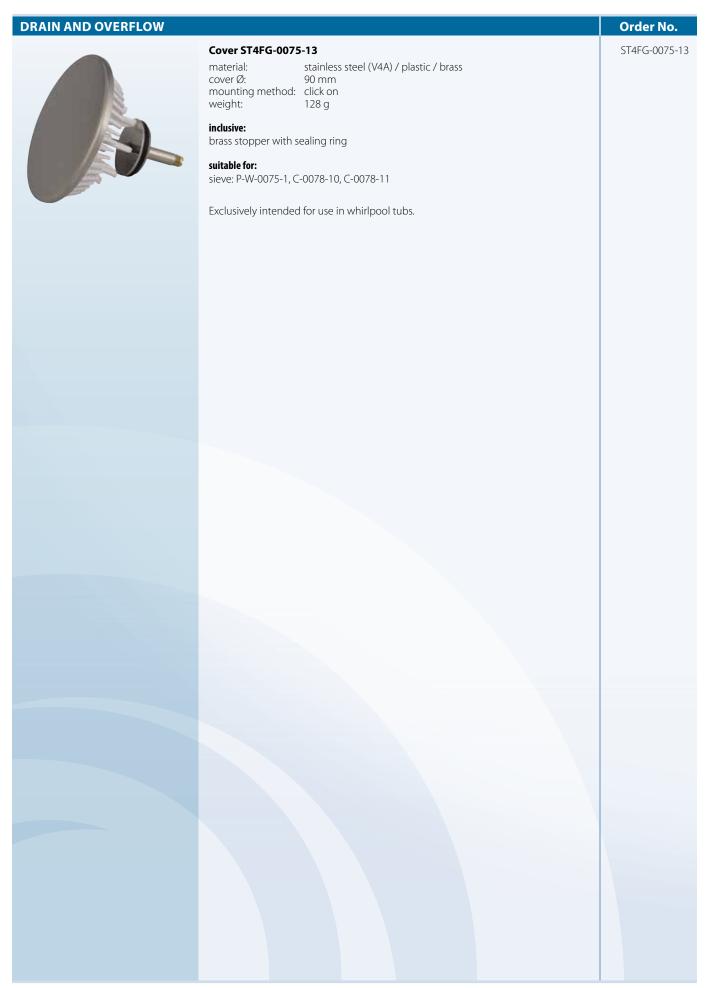
DRAIN AND OVERFLOW		Order No.
	Turning handle ST4FG-180-7 material: stainless steel (V4A) cover Ø: 70 mm height: 23 mm mounting method: screw on (set screw M6x12 mm) weight: 206 g suitable for: star wheel: P-C-0088-6 ring and screw for filling: ST4FG-0078-2 Exclusively intended for use in whirlpool tubs.	ST4FG-180-7
	Ring and screw for filling ST4FG-0078-2 material: stainless steel (V4A) / plastic cover Ø: 82 mm height: 22 mm key: P-0188-20 weight: 260 g consists of: 1 pc. ring with sealing cord (ST4FG-0078-2-1) 1 pc. screw (P-0089-7-K) suitable for: drain and overflow base body: P-0078F-B, P-0088F-B	ST4FG-0078-2
	Cover with lever ST4FG-0089-100 material: stainless steel (V4A) cover: 70 x 91 mm height: 32 mm weight: 410 g consists of: 1 pc. lever (ST4FG-0089-20) 1 pc. cover (ST4FG-0089-19) suitable for: hollow bolt with multitooth axis: P-0089-33	ST4FG-0089-100
	Stopper ST4FG-0078-6 material: stainless steel (V4A) outside Ø: 43 mm weight: 110 g suitable for: valve face long: ST4FG-0078-5 Exclusively intended for use in whirlpool tubs.	ST4FG-0078-6
	Valve face long ST4FG-0078-5 material: stainless steel (V4A) outside Ø: 65 mm thread length: 24 mm key: P-0188-20 P-0148 weight: 115 g suitable for: drain and overflow base body: P-1078-B, P-1088-B, P-0078F-B, P-2078F-B, P-2088F-B, R-0078-BVD, R-0078F-BVD, R-0088F-BVD Exclusively intended for use in whirlpool tubs.	ST4FG-0078-5

















DISINFECTION Order No. Cover ST4FG-212D-1 for disinfection ST4FG-212D-1 material: brass cover Ø: 36 mm weight: 80 g



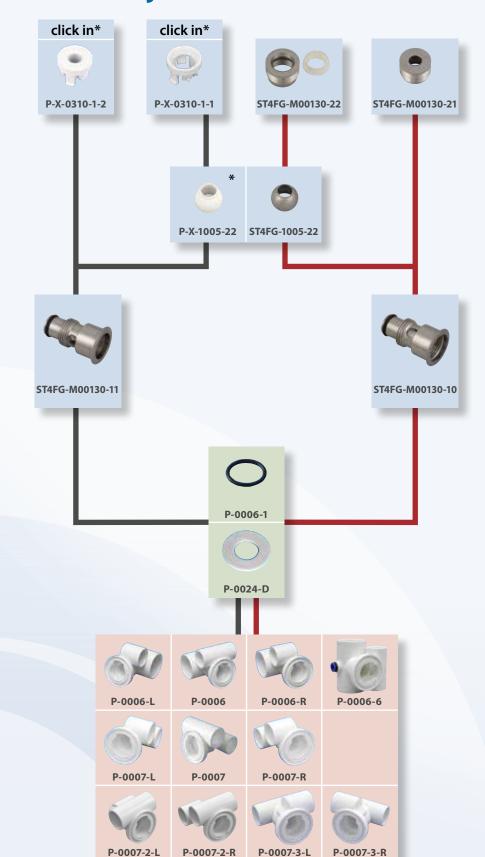








Micro jet Flatline - structure



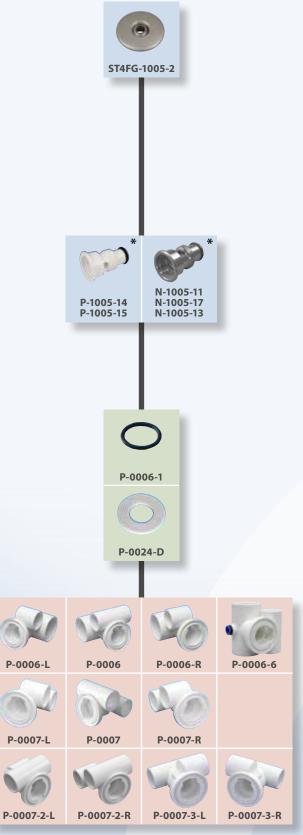
 $[\]mbox{\ensuremath{^{*}}}\xspace$ Exclusively intended for use in whirlpool tubs.







Micro jet - structure





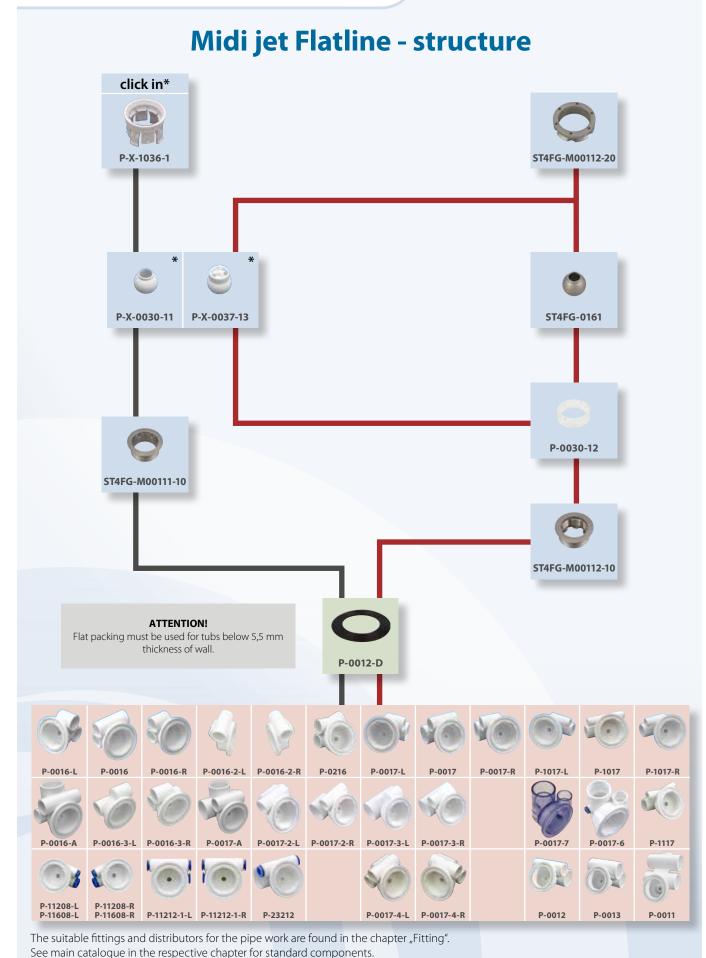




^{*} Exclusively intended for use in whirlpool tubs.













* Exclusively intended for use in whirlpool tubs.



Mini jet - structure Mini Mini P-HG-0030-10-10 ST4FG-0036-10 P-HG-0030-11 P-HG-0037-13 ST4FG-0161 P-0030-12 Mini (Ad P-0164-11 P-0164-2 P-0164-3 P-0012-1 P-0012-D P-0016-L P-0016 P-0016-R P-0016-2-L P-0016-2-R P-0216 P-0017-L P-0017 P-0017-R P-1017-L P-1017 P-1017-R P-0016-3-R P-0017-2-L P-0016-3-L P-0017-A P-0017-2-R P-0017-3-L P-0017-3-R P-0017-7 P-0017-6 P-1117 P-11208-L P-11608-L P-11208-R P-11608-R P-11212-1-L P-11212-1-R P-23212 P-0017-4-L P-0017-4-R P-0012 P-0011 P-0013 The suitable fittings and distributors for the pipe work are found in the chapter "Fitting".

Stainless Steel and PVC Catalogue for Whirlpool Tubs and SPA Whirlpools Technical specifications and printing errors are subject to change without prior notification. EN25 © Copyright reserved.







See main catalogue in the respective chapter for standard components.





Water jet Flatline - structure 1





The suitable fittings and distributors for the pipe work are found in the chapter "Fitting". See main catalogue in the respective chapter for standard components.

* Exclusively intended for use in whirlpool tubs.



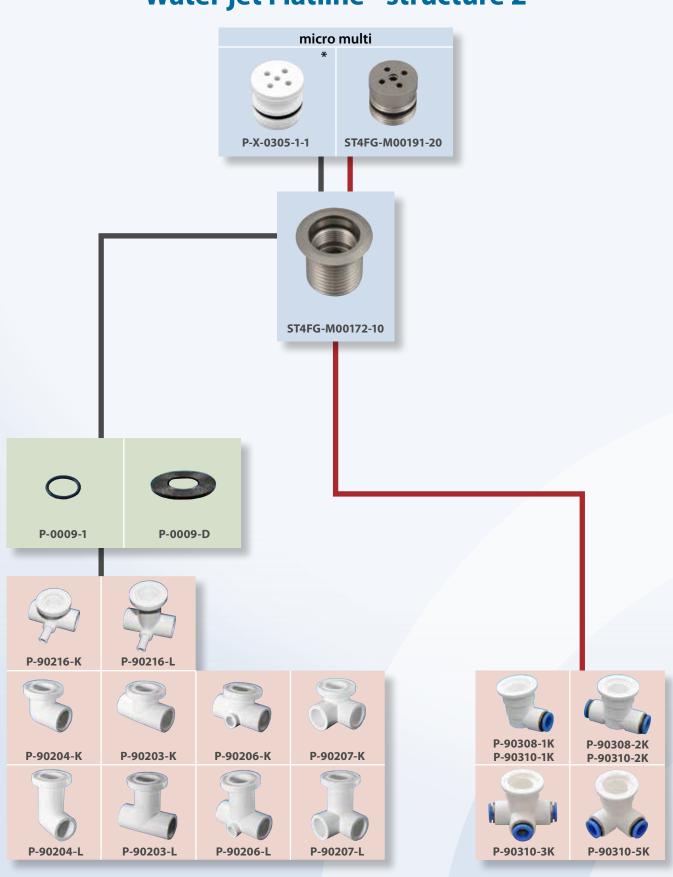








Water jet Flatline - structure 2





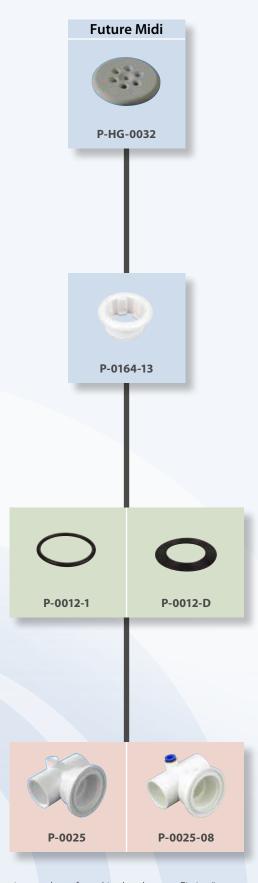




^{*} Exclusively intended for use in whirlpool tubs.



Future Midi - structure





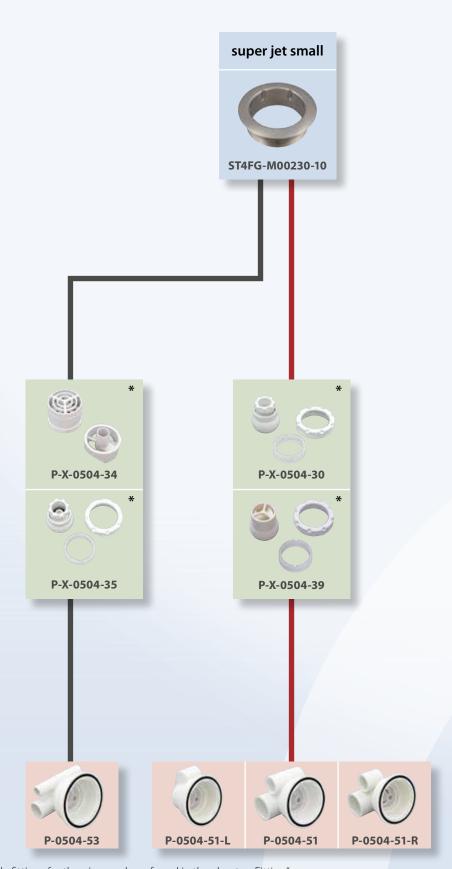








Super jet small Flatline - structure





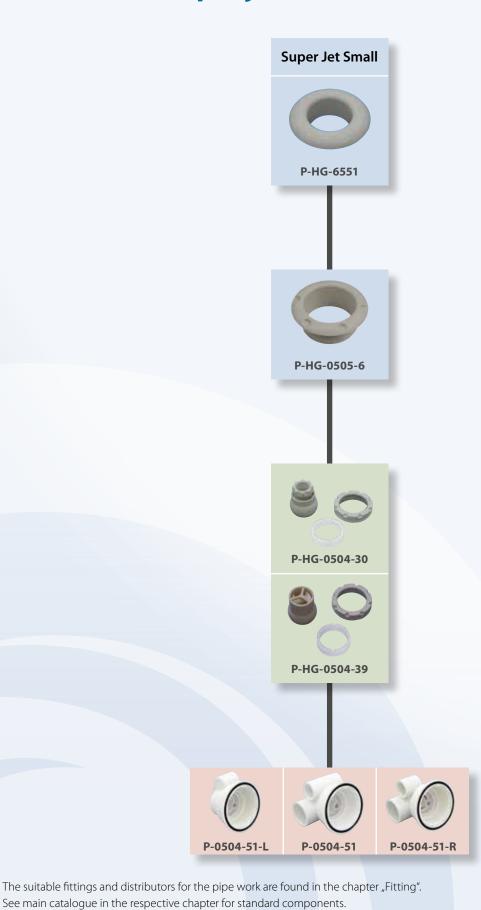




^{*} Exclusively intended for use in whirlpool tubs.



Super jet small - structure











JET		Order No.
	Flatline micro inner part ST4FG-M00130-21 1 hole (no ball necessary)	ST4FG-M00130-21
	material: stainless steel (V4A) key: P-M00130-50 weight: 19 g	
	suitable for: Flatline micro jet body: ST4FG-M00130-10	
	Flatline Micro inner part ST4FG-M00130-22 material: stainless steel (V4A) / plastic key: P-M00130-52 weight: 11 g	ST4FG-M00130-22
	consists of: inner part ring: ST4FG-M00130-24-1 plastic ring: P-1005-23	
	suitable for: Flatline micro jet body: ST4FG-M00130-10	
	Micro ball STF4G-1005-22 material: stainless steel (V4A) weight: 4 g	ST4FG-1005-22
	suitable for: Flatline micro inner part: ST4FG-M00130-22	
	Flatline Micro click in jet body series ST4FG-00130-11 material: stainless steel (V4A) outside Ø: 28 mm drill Ø: 24 mm key: N-0145	
	wall thickness overall length P-1005-14-1 weight 6-11 mm 45 mm P-1005-14-1 45 g inclusive: o-ring (10,78 x 2,62 mm) suitable for: micro jet: P-0006, P-0006-L, P-0006-R, P-0006-6, P-0007, P-0007-L, P-0007-R, P-0007-2-L, P-0007-2-R, P-0007-3-R, P-0	ST4FG-M00130-11
	Flatline micro jet body series ST4FG-M00130-XX material: stainless steel (V4A) outside Ø: 28 mm drill Ø: 24 mm key: N-0145	
	key: N-0145 wall thickness overall length jet insert weight 6 - 11 mm 45 mm P-1005-14-1 50 g inclusive: o-ring (10,78 x 2,62 mm) suitable for: micro jet: P-0006, P-0006-L, P-0006-R, P-0006-6, P-0007, P-0007-L, P-0007-R, P-0007-2-L, P-0007-2-R, P-0007-3-L, P-0007-3-R	ST4FG-M00130-10









JET		Order No.
	Micro cover ST4FG-1005-2 material: stainless steel (V4A) cover Ø: 35 mm key: P-0143-11 weight: 23 g consists of: cover: ST4FG-1005-20 ball: ST4FG-1005-22 plastic ring: P-1005-23 suitable for: jet body: series 1005, 2601212	ST4FG-1005-2
	Flatline midi inner part ring ST4FG-M00112-20 material: stainless steel (V4A) key: P-M00112-50 weight: 23 g suitable for: Flatline midi jet body: ST4FG-M00112-10	ST4FG-M00112-20
	Flatline midi click in jet body ST4FG-M00111-10 material: stainless steel (V4A) outside Ø: 50 mm drill Ø: 41 mm key: P-M00111-50 wall thickness overall length thread length 22 mm 67 g suitable for: midi jet: P-0016, P-0016-L, P-0016-R, P-0016-A, P-0016-2-L, P-0016-2-R, P-0016-3-L, P-0016-3-R, P-0216, P-0017, P-0017-L, P-0017-R, P-0017-A, P-0017-2-L, P-0017-2-R, P-0017-3-L, P-0017-A, P-0017-4-R, P-0017-6, P-0017-7 mini jet: P-0012, P-0013, P-0011 midi clip jet: P-1017, P-1017-L, P-1017-R, P-1117 cartridge jet: P-11208-L, P-11208-R, P-11608-R, P-11608-R, P-11212-1-L, P-11212-1-R, P-23212	ST4FG-M00111-10
	Flatline midi jet body series ST4FG-M00112-XX with drain of the remaining water material: stainless steel (V4A) outside Ø: 50 mm drill Ø: 41 mm key: P-0143-10 wall thickness overall length thread length weight 3,5 - 10 mm 21.5 mm 20 mm 78 g suitable for: midi jet: P-0016, P-0016-L, P-0016-R, P-0016-A, P-0016-2-L, P-0016-2-R, P-0016-3-L, P-0016-3-R, P-0216, P-0017, P-0017-L, P-0017-R, P-0017-A, P-0017-2-L, P-0017-2-R, P-0017-3-L, P-0017-3-R, P-0017-4-L, P-0017-4-R, P-0017-6, P-0017-7 mini jet: P-0012, P-0013, P-0011 midi clip jet: P-1017, P-1017-L, P-1017-R, P-1117 cartridge jet: P-11208-L, P-11208-R, P-11608-R, P-11212-1-L, P-11212-1-R, P-23212 swivel jet: P-0021 two way valve: P-73032-9, P-73132-9 future jet: P-0025, P-0025-08	ST4FG-M00112-10







JET		Order No.
	Mini cover P-HG-0030-10-10 material: plastic PVC cover Ø: 64 mm key: P-0143-11 weight: 10 g suitable for: jet body: P-0164-13, N-0164-13, series 0164-X	P-HG-0030-10-10
	Mini cover ST4FG-0036-10 material: stainless steel (V4A) cover Ø: 62 mm key: P-0143-11 weight: 41 g suitable for: jet body: P-0164-13, Serie 0164-X	ST4FG-0036-10
	Ball P-HG-0030-11 material: plastic PVC weight: 7 g suitable plastic ring: P-0030-12	P-HG-0030-11
	Ball rotating P-HG-0037-13 material: plastic PVC weight: 9 g suitable plastic ring: P-0030-12	P-HG-0037-13
	Ball ST4FG-0161 material: stainless steel (V4A) weight: 48 g suitable plastic ring: P-0030-12	ST4FG-0161









JET		Order No.
	Nano jet series ST4FG-0764-X material: stainless steel (V4A) outside Ø: 9 mm thread: M6 outside thread drill Ø: 6 mm wrench size: 2.5 mm hexagonal (hex key) wall thickness overall length thread length weight 2,5 - 11 mm 19 mm 18 mm 3 g suitable for: connection part: P-0764-08, P-0764-08-L	ST4FG-0764-1
	Flatline inner part ST4FG-M00191-20 material: stainless steel (V4A) water or air outlet: 5 hole wrench size: 2.5 mm hexagonal (hex key) weight: 11 g inclusive: o-ring (12,1 x 1,6 mm) suitable for: Flatline multi jet body: ST4FG-M00172-10	ST4FG-M00191-20
	Flatline multi jet body series ST4FG-M00172-XX material: stainless steel (V4A) outside Ø: 27 mm thread: 1/2" outside thread drill Ø: 22 mm key: N-0144 wall thickness overall length thread length 22 mm 22 mm 22 g suitable for: elbow 90°: P-90204-K, P-90204-L tee: P-90203-K, P-90203-L, P-90206-K, P-90206-L, P-90206-L, P-90216-K, P-90206-L, P-90216-L double elbow 90°: P-90207-K, P-90207-L connection part 90° with cartridge: P-90308-2K, P-90310-1K tee connection part with cartridge: P-90310-5K 3-fold connection part with cartridge: P-90310-3K	ST4FG-M00172-10
	Future cover mini P-HG-0032 material: plastic PVC outlet for water: 7 hole cover Ø: 64 mm key: P-0143-11 weight: 17 g suitable for: jet body: P-0164-13, N-0164-13	P-HG-0032







JET		Order No.
	Flatline substraint stainless steel (V4A) outside Ø: 70 mm	ST4FG-M00230-10
	Super jet small cover P-HG-6551 material: plastic PVC cover Ø: 83 mm weight: 20 g suitable for: super jet small jet body: P-0505-6	P-HG-6551
	Super jet small jet body P-HG-0505-6 material: plastic PVC outside Ø: 74 mm drill Ø: 57 mm wall thickness: 3 - 11 mm overall length: 29.5 mm thread length: 23.5 mm key: P-0506-20 weight: 32 g suitable for: super jet small: series 0504-51, 0504-53	P-HG-0505-6
	Jet insert P-HG-0504-30 water flow lockable material: plastic PVC weight: 27 g consists of: supporting ring: P-HG-0504-3 ball: P-HG-0504-300 plastic ring: P-0504-7 suitable for: super jet small: series 0504-51 super jet: 0504-50	P-HG-0504-30
	Jet insert P-HG-0504-39 rotating material: plastic PVC weight: 27 g consists of: supporting ring: P-HG-0504-3 ball: P-HG-0504-390 plastic ring: P-0504-7 suitable for: super jet small: series 0504-51 super jet: 0504-50	P-HG-0504-39



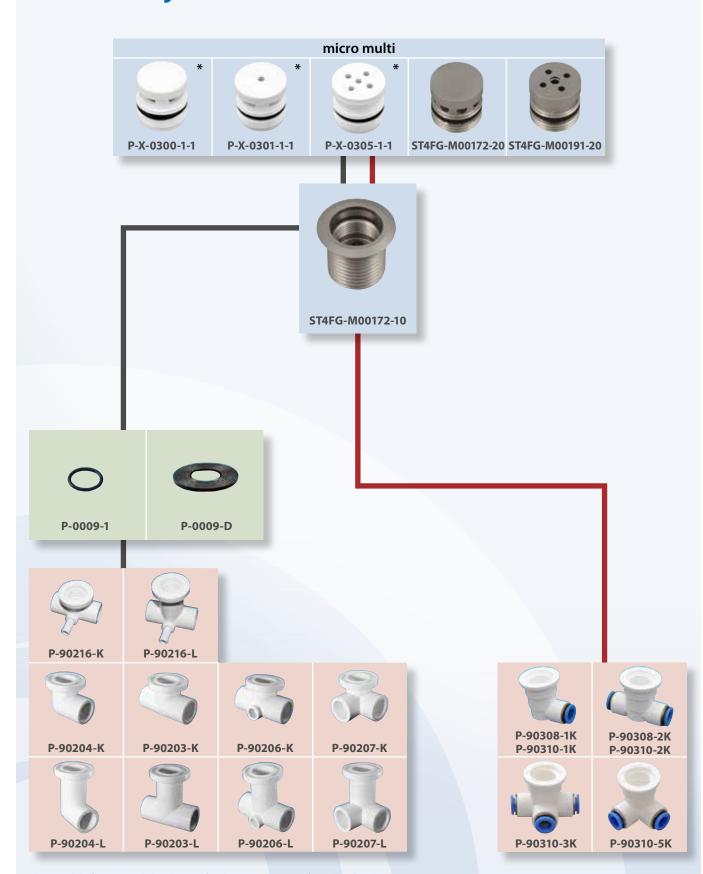








Air jet Micro Multi Flatline - structure





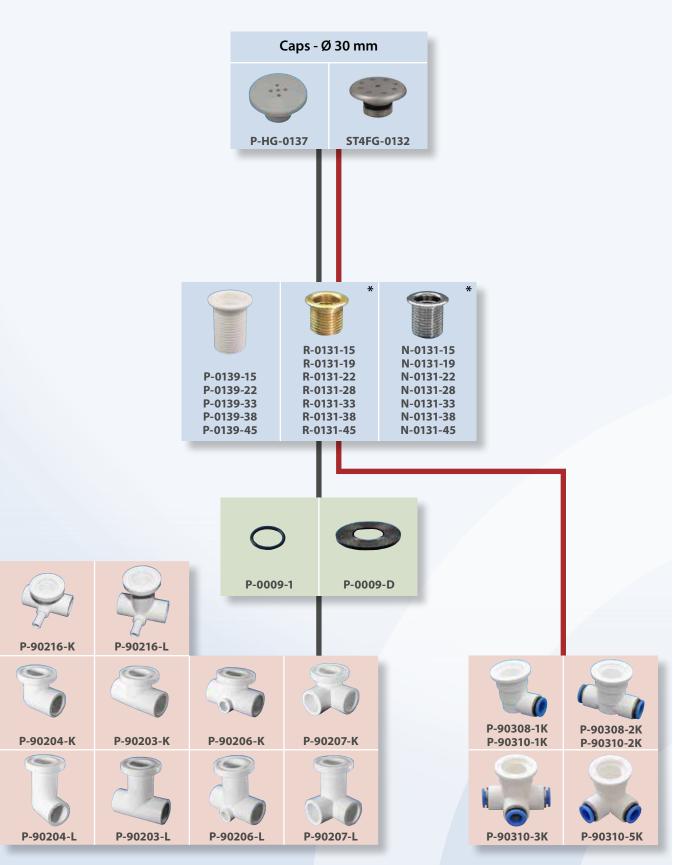








Air jet - caps Ø 30 mm - structure





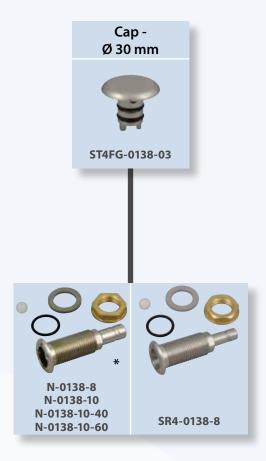




^{*} Exclusively intended for use in whirlpool tubs.



Air jet - caps Ø 30 mm - structure



The suitable fittings and distributors for the pipe work are found in the chapter "Fitting". See main catalogue in the respective chapter for standard components.

 $\mbox{\ensuremath{^{*}}}\xspace$ Exclusively intended for use in whirlpool tubs.











Air jet Micro Small Multi Jet Flatline - structure









^{*} Exclusively intended for use in whirlpool tubs.



Air jet - cap Ø 12 mm - structure











AIR JET		Order No.
	Flatline inner part ST4FG-M00191-20	ST4FG-M00191-20
	material: stainless steel (V4A) water or air outlet: 5 hole wrench size: 2.5 mm hexagonal (hex key) weight: 11 g inclusive: o-ring (12,1 x 1,6 mm) suitable for: Flatline multi jet body: ST4FG-M00172-10	
	Flatline multi jet body series ST4FG-M00172-XX material: stainless steel (V4A) outside Ø: 27 mm thread: 1/2" outside thread drill Ø: 22 mm key: N-0144	
	wall thickness overall length thread length weight 3 - 11 mm 23 mm 22 mm 22 g	ST4FG-M00172-10
	suitable for: elbow 90°: P-90204-K, P-90204-L tee: P-90203-K, P-90203-L, P-90206-K, P-90206-L, P-90206-L, P-90206-L, P-90206-L, P-90207-L double elbow 90°: P-90207-K, P-90207-L connection part 90° with cartridge: P-90308-1K, P-90310-1K tee connection part with cartridge: P-90308-2K, P-90310-2K elbow connection part with cartridge: P-90310-5K 3-fold connection part with cartridge: P-90310-3K	3141 G WIGOT/2 10
	Flatline inner part ST4FG-M00172-20 material: stainless steel (V4A) outlet for air: gap between body and inner part key: P-M00130-50 weight: 11 g inclusive: o-ring (12,1 x 1,6 mm) suitable for: Flatline multi jet body: ST4FG-M00172-10	ST4FG-M00172-20
	Air jet cap P-HG-0137 material: plastic PVC cover Ø: 30 mm outlet for air: 5 hole key: P-0143-11 weight: 4 g suitable for: air jet body: series P-0139-XX, X-0131-XX	P-HG-0137









AIR JET		Order No.
903 wild of 100 miles of 100 mi	Air jet cap ST4FG-0132 material: stainless steel (V4A) cover Ø: 30 mm outlet for air: 9 hole key: P-0143-11 weight: 19 g suitable for: air jet body: series P-0139-XX, X-0131-XX	ST4FG-0132
	Air jet cap ST4FG-0138-03 material: stainless steel (V4A) cover Ø: 27 mm outlet for air: below the cover weight: 17 g suitable for: air jet body: series SR-0138-XX	ST4FG-0138-03
	Air jet body with check valve series SR4-0138-XX material: stainless steel (V4A) / plastic / brass drill Ø: 16 mm wrench size: 13 mm wall thickness overall length 2 - 23 mm 60 mm 33 mm 8 mm 49 g consists of: body nut with integrated washer (M16) flat packing (24x16x2 mm) o-ring (16x2 mm) ball (PA 8 mm)	SR4-0138-8
	Flatline air jet inner part ST4FG-M00171-20 material: stainless steel (V4A) key: P-M00172-50 weight: 3 g suitable for: Flatline air jet body: ST4FG-M00171-10	ST4FG-M00171-20
	Flatline air jet body series ST4FG- M00171-XX material: stainless steel (V4A) outside Ø: 18 mm thread: M12 outside thread drill Ø: 12 mm key: WZ-1007-20 wall thickness overall length 19.5 mm 18 mm 8 g suitable for: connection part: P-0146-08 tee connection part: P-0147-08	ST4FG-M00171-10









AIR JET Order No. Whisper jet cover ST4FG-0760 ST4FG-0760 material: stainless steel (V4A) outlet for air: 1 hole weight: 2 g suitable for: whisper jet body: series 076X-04, 0763-XX Exclusively intended for use in whirlpool tubs.









Air controller - Cover Ø 52 mm - structure



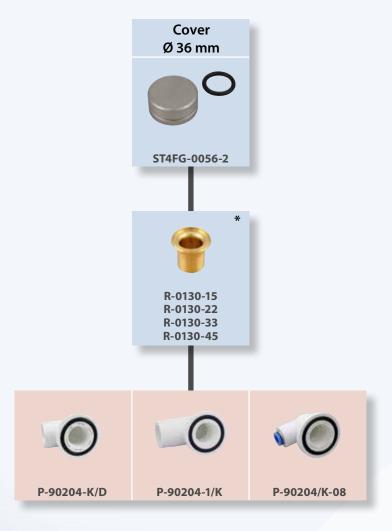
See main catalogue in the respective chapter for standard components. $\label{eq:catalogue}$







Air controller Cover Ø 36 mm - structure









 $[\]mbox{\ensuremath{^{*}}}\xspace$ Exclusively intended for use in whirlpool tubs.



AIR CONTROLLER		Order No.
	Air controller cover P-HG-0049-3-4 material: plastic PVC cover Ø: 52 mm weight: 12 g suitable for: air controller lower part: P-0049-BVD, P-1049-BVD turbo air controller lower part: P-0049-10-BVD	P-HG-0049-3-4
	Air controller cover ST4FG-0056-2 material: stainless steel (V4A) air suction: above the tub cover Ø: 36 mm key: N-0146 weight: 71 g inclusive: o-ring (19 x3,5 mm) suitable for: air jet body: series R-0130-XX Exclusively intended for use in whirlpool tubs.	ST4FG-0056-2



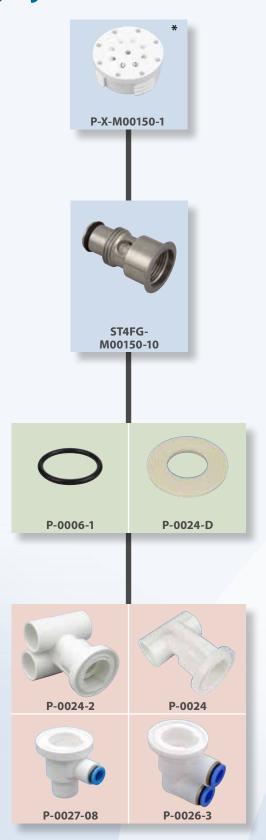








Magic jet Flatline - structure



Please replace the X by the desired color code shown on the inside front cover legend! The suitable fittings and distributors for the pipe work are found in the chapter "Fitting". See main catalogue in the respective chapter for standard components.







^{*} Exclusively intended for use in whirlpool tubs.







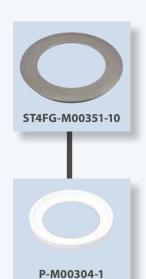






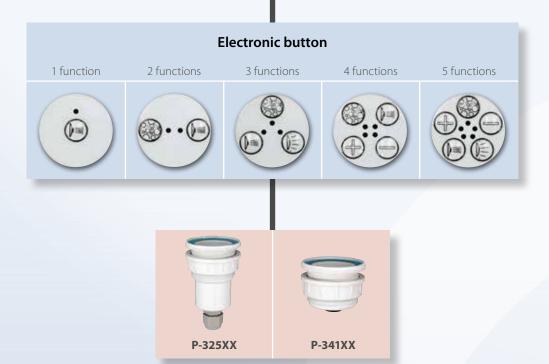


Electronic button Ø 40 mm Flatline - structure



ATTENTION!

The spacer washer needs to be used to ensure that the part is tightened well.



Order example:

1 x Button ring: ST4FG-M00351-10

1 x spacer washer: P-M00304-1

1 x Electronic button: 2N

1 x Button body: P-325

please specify as follows:







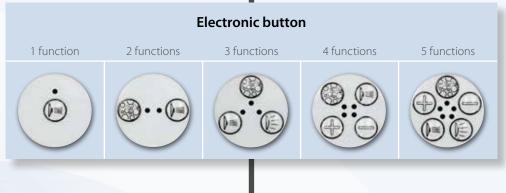






Electronic button Ø 40 mm - structure







Order example:

- 1 x Button ring: ST4FG-0121-1
- 1 x Electronic button: 2N
- 1 x Button body: P-325

please specify as follows:



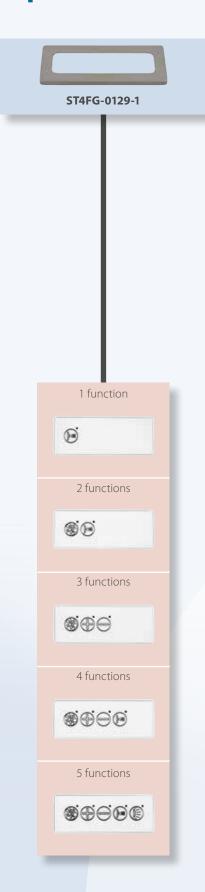








Direct Line push button - structure

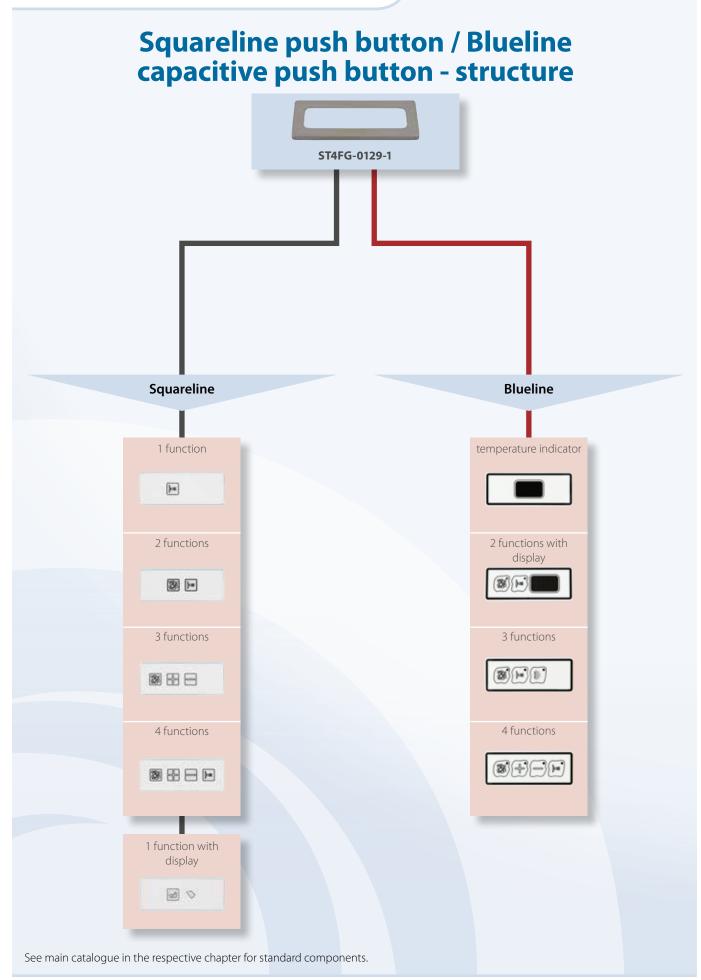




















BUTTON		Order No.
	Flatline button ring ST4FG-M00351-10 material: stainless steel (V4A) outside Ø: 53 mm drill Ø: 48 mm weight: 18 g suitable for: electronic temperature indicator: 3701A-S01, 3701B-S01 electronic temperature control device: 3701C-S01 button body: P-325XX, P-341XX, R-346XX	ST4FG-M00351-10
	Button ring ST4FG-0121-1 material: stainless steel (V4A) cover Ø: 52 mm height: 5.5 mm weight: 20 g	ST4FG-0121-1
	Squareline cover ST4FG-0129-1 material: stainless steel (V4A) length: 74 mm width: 32 mm height: 3.5 mm weight: 16 g suitable for: Direct Line push button (70 x 28 mm) 1 to 5 functions Squareline button (70 x 28 mm) 1 to 4 functions Blueline capacitive push button (70 x 28 mm) 1 to 4 functions ATTENTION! Unsuitable for variant with Side LED!	ST4FG-0129-1









Mini LED/Mini LED RGB spa light - structure













Power LED spot structure





See main catalogue in the respective chapter for standard components.

 $\mbox{\ensuremath{^{\star}}}\xspace$ Exclusively intended for use in whirlpool tubs.









Double LED Spot - structure





See main catalogue in the respective chapter for standard components.

 $\mbox{\ensuremath{^{*}}}\xspace$ Exclusively intended for use in whirlpool tubs.







Effect light chain - structure



See main catalogue in the respective chapter for standard components.







005 5282A-003 005 5282A-004

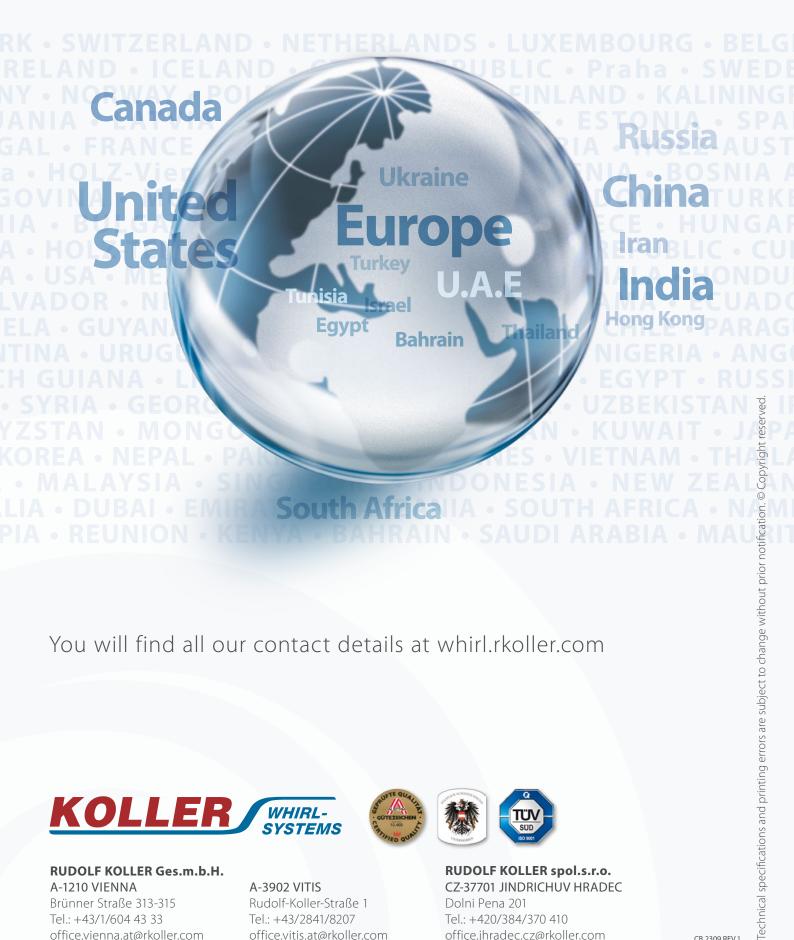


SPA LIGHT		Order No.
	Ring for spa light P-HG-514-2 material: plastic PVC cover Ø: 52 mm height: 6 mm mounting method: screw on (M 45x1,5 mm) weight: 7 g suitable for: mini LED spa light: series 5141, 5261 mini RGB LED spa light: series 5161A-SXX, 5162A-SXX, 5261F-SXX double LED spot: 5301A, 5301B, 5311A, 5311B	P-HG-514-2
	Ring for spa light ST4FG-514-2 material: stainless steel (V4A) cover Ø: 52 mm height: 6 mm mounting method: screw on (M 45x1,5 mm) weight: 38 g suitable for: mini LED spa light: series 5141, 5261 mini RGB LED spa light: series 5161A-SXX, 5162A-SXX, 5261F-SXX double LED spot: 5301A, 5301B, 5311A, 5311B	ST4FG-514-2
	Ring for spa light ST4FG-5201-2 material: stainless steel (V4A) cover Ø: 64 mm height: 8 mm mounting method: screw on (M 60x1,5 mm) weight: 63 g inclusive: teflon disc (57 x 37 x 0,5 mm) suitable for: power LED spot: 5201A	ST4FG-5201-2
	Lens casing ST4FG-5282-10 material: stainless steel (V4A) / plastic outside Ø: 27 mm fitting length: 34 mm with chain of effect lights wall thickness: 2,5 - 10 mm drill Ø: 21 mm key: N-5282-20 weight: 26 g consists of: body: ST4FG-5281-4 plastic nut: P-0002-2 suitable for: chain of effect lights: 005-5282A-003, 005-5282A-004	ST4FG-5282-10





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