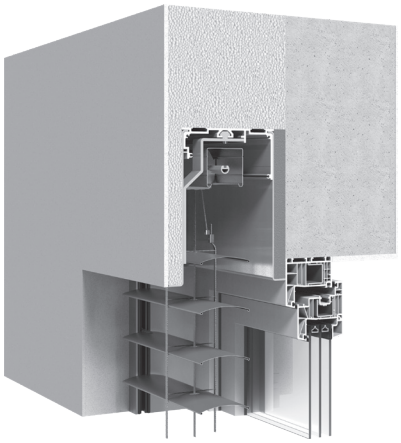
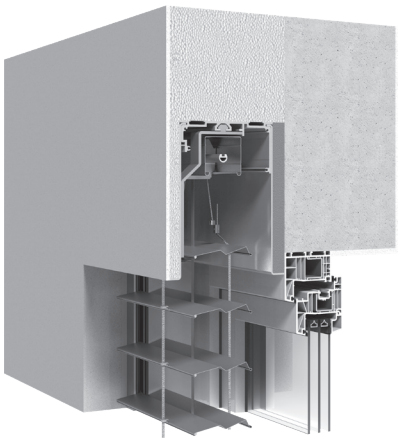
anwis

Part of WAREMA GROUP

# SOLIDBOX External Venetian Blinds price list

2020

# COLOUR OF SOLIDBOX CORD LADDER/LADDER TAPE

| COLOUR OF CORD LADDER/LADDER TAPE | C-80 | Z-90 |
|---|---|---|
| |  |  |
| GREY | V | V |
| BLACK | V | V |

Blinds are manufactured with ladders in grey colour (black is another option at no extra charge).

# QUALITY, CARE AND MAINTENANCE / GENERAL ASSEMBLY INSTRUCTIONS

**Please note: This information must be passed on to the investor (end-customer – product user).**

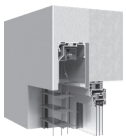
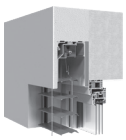
**The product:**

1. Although external venetian blind is a sun-protection device, its design does not guarantee full blackout.
2. Irregular alignment of the ladder between the slats while the blind is raised may result in an uneven packet. This is caused by properties of the fabric the ladder/cloth tape is made of and is a totally natural phenomenon, which may not be subject of complaint.
3. Full alignment of the level of slats in external venetian blinds is possible only in blinds of exactly the same size.
4. Fitting the same kind of motor in two different blinds does not guarantee that their slats will be raised with equal speed (in extreme cases it applies even to blinds of the same size).

**Mounting:**

1. End positions of external venetian blinds delivered to the client are pre-set automatically. Once the blind is mounted, it is necessary to correct the setting of the upper and lower end position.
2. Before mounting, instalment or adjustment of the motor please read motor instalment and adjustment instructions section of the user manual.
3. Installation should only be carried out by qualified customer service personnel in accordance with the applicable electrical regulations.
4. Non-compliance with the instructions in the operating manual regarding instalment and adjustment of the motor could cause serious personal injury or loss of life; it may also interfere with proper operation of the blind and even invalidate warranty rights.

**Price list information – see p. 22.**

| COLOUR OF SLATS | COLOUR CODE | C-80  | Z-90  |
|---|---|---|---|
| SILVER | RAL 9006 | V | V |
| SILVER (GREY) | RAL 9007 | V | V |
| ANTHRACITE | RAL 7016 | V | V |
| WHITE | RAL 9016 | V | V |
| BEIGE | VSR 240 | V | V |
| ANTHRACITE (STRUCTURED) | DB 703 | V | V |
| BASALT GREY | RAL 7012 | V | V |
| BLACK | RAL 9005 | V | V |
| LIGHT IVORY | N 0502-Y | V | |
| BROWN | N 8010 | V | |
| BEIGE GREY | VSR 780 | V | |
| PURPLE RED | N 3560 | V | |
| YELLOW | N 1080 | V | |
| PIGEON BLUE | N 4030 | V | |
| MOSS GREEN | N 7020 | V | |
| CREAM | N 0502-B | V | |
| GREY | N 3000 | V | |
| DUSTY GREY | RAL 7037 | V | |
| LIGHT GREY | RAL 7035 | V | |
| BLUE | RAL 5002 | V | |
| GOLDEN OAK | | ● | |
| WALNUT | | ● | |
| ANY RAL COLOUR: (pearly, metalic and fluore-scent colours excluded) INDIVIDUAL PRICING | | INDIVIDUAL PRICING | |

| COLOUR OF ACCESSORIES | SOLIDBOX CASSETTE / GUIDE CHANNELS | BOTTOM BAR |
|---|---|---|
| RAL 9006 | V | V |
| RAL 9007 | V | V |
| RAL 7016 | V | V |
| RAL 9016 | V | V |
| VSR 240 | V | V |
| DB 703 | V | V |
| RAL 7012 | V | V |
| RAL 9005 | V | ● |
| RAL 1013 | | ● |
| RAL 8014 | | ● |
| RAL 7013 | | ● |
| RAL 3011 | | ● |
| RAL 1037 | | ● |
| RAL 5014 | | ● |
| RAL 6005 | | ● |
| RAL 9016 | | V |
| RAL 7038 | | ● |
| RAL 7037 | | ● |
| RAL 7035 | | ● |
| RAL 5002 | | ● |
| RAL 8007 | | ● |
| RAL 8014 | | ● |
| | | ● |

V standard
● extra colour (extra charge)

## PRODUCT DESCRIPTION:

**THE PACKET OF SLATS:**
- aluminium slats, 80 mm wide, covered with weather resistant varnish
- bottom bar: 83 x 13 mm
- lift tape, 6mm wide, made of strong and versatile Kevlar fibres
- ladder made of weather and UV resistant poliester
- max. dimensions of the blind: width: 4000 mm, height: 3500 mm, total surface area: 14 m²

**SLAT GUIDANCE**
- aluminium guide channels 27,5 mm wide available in 2 sizes: 95, 110 mm
- aluminium guide pins

**SOLIDBOX CASSETTE**
- available in 3 sizes: 220, 270, 320 mm
- parts of cassette not covered by plaster + 10 cm on the inside as standard – **option 1**
- **cassette insulation with XPS board (no charge)**

**DRIVE**
- the price in the table does **not include** the price of electric drive. The price of electric drive should be looked up in OPTIONAL COMPONENTS section **(A,B,C range drive)** and added to the price in the table.

**example** - SOLIDBOX blind - 2000 x 2000 mm
ELERO JA drive
350 EUR + 89 EUR **(price of A range drive)**

| Height of the cassette | Height/ Width | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 800 | 129 | 137 | 146 | 154 | 162 | 176 | 185 | 200 | 215 | 224 | 233 | 241 | 250 | 258 | 267 | 276 | 284 | 299 | 313 |
| | 900 | 134 | 143 | 151 | 160 | 168 | 182 | 191 | 206 | 222 | 231 | 240 | 248 | 257 | 266 | 275 | 284 | 293 | 308 | 322 |
| | 1000 | 140 | 148 | 157 | 165 | 174 | 188 | 197 | 213 | 229 | 238 | 247 | 256 | 265 | 274 | 283 | 292 | 301 | 316 | 330 |
| | 1100 | 145 | 154 | 162 | 171 | 180 | 195 | 204 | 219 | 236 | 245 | 254 | 263 | 272 | 281 | 291 | 300 | 309 | 325 | 339 |
| | 1200 | 150 | 159 | 168 | 177 | 186 | 201 | 210 | 226 | 242 | 252 | 261 | 271 | 280 | 289 | 299 | 308 | 318 | 333 | 348 |
| | 1300 | 156 | 165 | 174 | 183 | 192 | 207 | 217 | 233 | 249 | 259 | 269 | 278 | 288 | 297 | 307 | 316 | 326 | 342 | 357 |
| | 1400 | 161 | 170 | 179 | 189 | 198 | 213 | 223 | 240 | 256 | 266 | 276 | 285 | 295 | 305 | 315 | 324 | 334 | 351 | 365 |
| | 1500 | 166 | 176 | 185 | 195 | 204 | 219 | 229 | 246 | 263 | 273 | 283 | 293 | 303 | 313 | 322 | 332 | 342 | 359 | 374 |
| | 1600 | 172 | 181 | 191 | 200 | 210 | 226 | 236 | 253 | 270 | 280 | 290 | 300 | 310 | 320 | 330 | 340 | 351 | 368 | 383 |
| 270 | 1700 | 181 | 191 | 201 | 212 | 222 | 238 | 249 | 267 | 285 | 295 | 306 | 317 | 328 | 338 | 349 | 360 | 371 | 389 | 405 |
| | 1800 | 186 | 197 | 207 | 218 | 228 | 244 | 255 | 274 | 292 | 303 | 314 | 324 | 335 | 346 | 357 | 368 | 379 | 398 | 413 |
| | 1900 | 192 | 202 | 213 | 224 | 234 | 251 | 262 | 281 | 299 | 310 | 321 | 332 | 343 | 354 | 365 | 376 | 387 | 406 | 422 |
| | 2000 | 197 | 208 | 218 | 229 | 240 | 257 | 268 | 287 | 305 | 317 | 328 | 339 | 350 | 361 | 373 | 384 | 395 | 414 | 431 |
| | 2100 | 202 | 213 | 224 | 235 | 246 | 263 | 274 | 294 | 312 | 324 | 335 | 347 | 358 | 369 | 381 | 392 | 403 | 423 | 440 |
| | 2200 | 207 | 219 | 230 | 241 | 252 | 269 | 281 | 301 | 319 | 331 | 342 | 354 | 365 | 377 | 389 | 400 | 412 | 432 | 448 |
| | 2300 | 213 | 224 | 235 | 247 | 258 | 275 | 287 | 307 | 326 | 338 | 349 | 361 | 373 | 385 | 397 | 408 | 420 | 440 | 457 |
| | 2400 | 218 | 230 | 241 | 253 | 264 | 281 | 293 | 314 | 333 | 345 | 357 | 369 | 381 | 393 | 404 | 416 | 428 | 449 | 466 |
| | 2500 | 223 | 235 | 247 | 259 | 270 | 288 | 300 | 321 | 340 | 352 | 364 | 376 | 388 | 400 | 412 | 425 | 437 | 457 | 475 |
| | 2600 | 229 | 241 | 253 | 264 | 276 | 294 | 315 | 327 | 347 | 359 | 371 | 384 | 396 | 408 | 420 | 441 | 453 | 466 | 483 |
| | 2700 | 234 | 246 | 258 | 270 | 282 | 300 | 321 | 334 | 353 | 366 | 378 | 391 | 403 | 416 | 428 | 449 | 462 | 475 | 500 |
| | 2800 | 239 | 251 | 264 | 276 | 288 | 306 | 328 | 341 | 360 | 373 | 386 | 398 | 411 | 423 | 436 | 458 | 470 | 491 | 509 |
| | 2900 | 245 | 257 | 270 | 282 | 294 | 312 | 334 | 347 | 367 | 380 | 393 | 405 | 418 | 431 | 444 | 466 | 486 | 499 | 517 |
| | 3000 | 250 | 262 | 275 | 287 | 300 | 318 | 341 | 354 | 374 | 387 | 400 | 413 | 426 | 439 | 452 | 481 | 494 | 508 | 526 |
| 320 | 3100 | 260 | 274 | 287 | 300 | 313 | 341 | 355 | 369 | 390 | 403 | 417 | 431 | 444 | 475 | 488 | 502 | 516 | 530 | 549 |
| | 3200 | 266 | 279 | 292 | 306 | 319 | 348 | 362 | 376 | 397 | 410 | 424 | 438 | 452 | 483 | 497 | 511 | 524 | 538 | 558 |
| | 3300 | 271 | 284 | 298 | 312 | 325 | 354 | 368 | 382 | 403 | 417 | 431 | 453 | 467 | 490 | 505 | 519 | 532 | 547 | 566 |
| | 3400 | 276 | 290 | 304 | 317 | 331 | 360 | 375 | 389 | 410 | 424 | 439 | 460 | 475 | 498 | 513 | 527 | 541 | 556 | 575 |
| | 3500 | 281 | 295 | 309 | 323 | 337 | 367 | 381 | 396 | 417 | 432 | 446 | 468 | 482 | 506 | 521 | 535 | 550 | 564 | 584 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extra charge for bottom rail in RAL colour | 2,4 | 2,7 | 3 | 3,3 | 3,6 | 3,9 | 4,2 | 4,5 | 4,8 | 5,1 | 5,4 | 5,7 | 6 | 6,3 | 6,6 | 6,9 | 7,2 | 7,5 | 7,8 |
| SOLIDBOX cassette varnishing – standard colours – **option 2** | 6,4 | 7,2 | 8 | 8,8 | 9,6 | 10,4 | 11,2 | 12 | 12,8 | 13,6 | 14,4 | 15,2 | 16 | 16,8 | 17,6 | 18,4 | 19,2 | 20 | 20,8 |
| SOLIDBOX cassette varnishing – RAL colours – **option 1** | 6,4 | 7,2 | 8 | 8,8 | 9,6 | 10,4 | 11,2 | 12 | 12,8 | 13,6 | 14,4 | 15,2 | 16 | 16,8 | 17,6 | 18,4 | 19,2 | 20 | 20,8 |
| SOLIDBOX cassette varnishing – RAL colours – **option 2** | 12,8 | 14,4 | 16 | 17,6 | 19,2 | 20,8 | 22,4 | 24 | 25,6 | 27,2 | 28,8 | 30,4 | 32 | 33,6 | 35,2 | 36,8 | 38,4 | 40 | 41,6 |

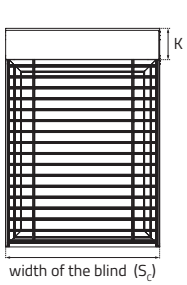
| Anchor bolt | 2 pcs | 3 pcs | 4 pcs | 5 pcs | 6 pcs |
|---|---|---|---|---|---|
| Head rail fixing brackets | 2 pcs | | 3 pcs | | 4 pcs |

**ELECTRIC DRIVES**

| Item (extra charge) | Unit | Price | Comments |
|---|---|---|---|
| **STANDARD ELECTRIC DRIVE** | | | |
| Elero JA drive - **A** | pcs | 89 | end positions established mechanically |
| Elero JA drive - **B** | pcs | 101 | |
| Elero JA drive - **C** | pcs | 125 | |
| Elero JA COMFORT drive - **A** | pcs | 127 | end positions established electronically with an installation cable |
| Elero JA COMFORT drive - **B** | pcs | 147 | |
| Elero JA COMFORT drive - **C** | pcs | 155 | |
| Somfy WT drive - **A** | pcs | 89 | end positions established electronically with an installation cable |
| Somfy WT drive - **B** | pcs | 101 | |
| Somfy WT drive - **C** | pcs | 125 | |
| Somfy WT PROTECT drive - **A** | pcs | 106 | end positions established electronically with an installation cable |
| Somfy WT PROTECT drive - **B** | pcs | 122 | |
| Somfy WT PROTECT drive - **C** | pcs | 152 | |

| Item (extra charge) | Unit | Price | Comments |
|---|---|---|---|
| **RADIO CONTROL** | | | |
| Somfy RTS drive - **A** | pcs | 185 | end positions established electronically |
| Somfy RTS drive - **B** | pcs | 198 | |
| Somfy RTS drive - **C** | pcs | 252 | |
| Elero JA COMFORT 868 drive - **A** | pcs | 161 | end positions established electronically |
| Elero JA COMFORT 868 drive - **B** | pcs | 185 | |
| Elero JA COMFORT 868 drive - **C** | pcs | 195 | |
| **RADIO CONTROL – io-homecontrol** | | | |
| Somfy io-homecontrol PROTECT drive - **A** | pcs | 229 | end positions established electronically |
| Somfy io-homecontrol PROTECT drive - **B** | pcs | 247 | |
| Somfy io-homecontrol PROTECT drive - **C** | pcs | 277 | |
| **CONTROL** | | | |
| wire control / wire - group control / radio control / io-homecontrol | | | see pp. 10 - 21 |

## MEASUREMENT



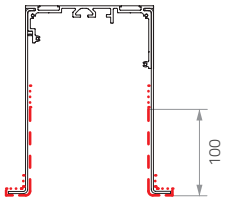
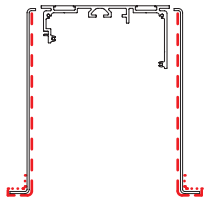

the height of the opening (including the height of the box $W_c$)

$S_c$ - the width as ordered
W - the height of the opening
$W_c$ - the height as ordered
K - the height of cassette

overall dimensions
**$S_c$ x $W_c$**

$W_c = W + K$

## CASSETTE VARNISHING OPTIONS

| 1 (standard) | 2 (optional) |
|---|---|
|  |  |



Possible dust — 100% paint coverage

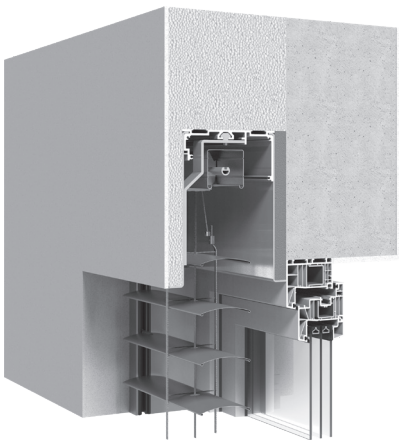
| Height/ Width | 2700 | 2800 | 2900 | 3000 | 3100 | 3200 | 3300 | 3400 | 3500 | 3600 | 3700 | 3800 | 3900 | 4000 | Extra charge for 2 side guides in RAL | Extra charge for 2 spacers | Extra charge for 2 spacers in RAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 800 | 322 | 330 | 339 | 348 | 357 | 365 | 374 | 383 | 398 | 410 | 419 | 428 | 436 | 445 | 10,4 | 4,8 | 8,8 |
| 900 | 331 | 340 | 348 | 357 | 366 | 375 | 384 | 393 | 408 | 421 | 430 | 439 | 447 | 456 | 11,7 | 5,4 | 9,9 |
| 1000 | 339 | 348 | 358 | 366 | 376 | 385 | 394 | 403 | 418 | 431 | 440 | 449 | 458 | 468 | 13 | 6 | 11 |
| 1100 | 348 | 358 | 367 | 376 | 385 | 395 | 404 | 413 | 429 | 442 | 451 | 460 | 470 | 479 | 14,3 | 6,6 | 12,1 |
| 1200 | 357 | 367 | 376 | 386 | 395 | 404 | 414 | 423 | 439 | 453 | 462 | 472 | 481 | 490 | 15,6 | 7,2 | 13,2 |
| 1300 | 366 | 376 | 386 | 395 | 405 | 414 | 424 | 434 | 450 | 463 | 473 | 483 | 492 | 502 | 16,9 | 7,8 | 14,3 |
| 1400 | 375 | 385 | 395 | 404 | 414 | 424 | 434 | 443 | 460 | 474 | 484 | 493 | 503 | 513 | 18,2 | 8,4 | 15,4 |
| 1500 | 384 | 394 | 404 | 414 | 424 | 434 | 444 | 454 | 471 | 485 | 495 | 505 | 515 | 524 | 19,5 | 9 | 16,5 |
| 1600 | 393 | 403 | 413 | 423 | 434 | 444 | 454 | 464 | 481 | 495 | 505 | 516 | 526 | 536 | 20,8 | 9,6 | 17,6 |
| 1700 | 415 | 426 | 437 | 448 | 458 | 469 | 480 | 491 | 509 | 524 | 534 | 545 | 556 | 567 | 22,1 | 10,2 | 18,7 |
| 1800 | 424 | 435 | 446 | 457 | 468 | 479 | 490 | 501 | 520 | 534 | 545 | 556 | 567 | 578 | 23,4 | 10,8 | 19,8 |
| 1900 | 433 | 444 | 456 | 467 | 478 | 489 | 500 | 511 | 530 | 545 | 556 | 567 | 579 | 590 | 24,7 | 11,4 | 20,9 |
| 2000 | 442 | 453 | 465 | 476 | 487 | 499 | 510 | 521 | 540 | 556 | 567 | 578 | 597 | 608 | 26 | 12 | 22 |
| 2100 | 451 | 463 | 474 | 485 | 497 | 508 | 520 | 531 | 551 | 566 | 585 | 597 | 608 | 620 | 27,3 | 12,6 | 23,1 |
| 2200 | 460 | 472 | 483 | 495 | 507 | 518 | 530 | 542 | 569 | 585 | 596 | 608 | 620 | 631 | 28,6 | 13,2 | 24,2 |
| 2300 | 469 | 481 | 492 | 504 | 516 | 528 | 547 | 559 | 579 | 595 | 607 | 619 | 631 | 642 | 29,9 | 13,8 | 25,3 |
| 2400 | 478 | 490 | 502 | 514 | 533 | 545 | 557 | 569 | 590 | 606 | 618 | 630 | 642 | 654 | 31,2 | 14,4 | 26,4 |
| 2500 | 487 | 499 | 519 | 531 | 543 | 555 | 567 | 580 | 600 | 617 | 629 | 641 | 653 | 665 | 32,5 | 15 | 27,5 |
| 2600 | 503 | 516 | 528 | 540 | 553 | 574 | 586 | 598 | 611 | 627 | 640 | 652 | 664 | 677 | 33,8 | 15,6 | 28,6 |
| 2700 | 512 | 525 | 537 | 550 | 562 | 583 | 596 | 608 | 621 | 638 | 650 | 663 | 675 | 688 | 35,1 | 16,2 | 29,7 |
| 2800 | 521 | 534 | 547 | 559 | 572 | 593 | 606 | 619 | 632 | 648 | 661 | 674 | 686 | 699 | 36,4 | 16,8 | 30,8 |
| 2900 | 530 | 543 | 556 | 569 | 582 | 603 | 616 | 629 | 642 | 659 | 672 | 685 | 698 | 711 | 37,7 | 17,4 | 31,9 |
| 3000 | 539 | 552 | 565 | 578 | 591 | 613 | 626 | 639 | 653 | 670 | 683 | 696 | 709 | 722 | 39 | 18 | 33 |
| 3100 | 562 | 576 | 599 | 613 | 626 | 640 | 654 | 667 | 681 | 699 | 722 | 736 | 750 | 763 | 40,3 | 18,6 | 34,1 |
| 3200 | 571 | 585 | 608 | 622 | 636 | 650 | 664 | 678 | 692 | 710 | 733 | 747 | 761 | 775 | 41,6 | 19,2 | 35,2 |
| 3300 | 580 | 594 | 618 | 632 | 646 | 660 | 674 | 688 | 702 | 720 | 744 | 758 | 772 | 786 | 42,9 | 19,8 | 36,3 |
| 3400 | 589 | 603 | 627 | 641 | 656 | 670 | 684 | 698 | 713 | 731 | 755 | 769 | 784 | 798 | 44,2 | 20,4 | 37,4 |
| 3500 | 598 | 612 | 637 | 651 | 666 | 680 | 694 | 709 | 723 | 742 | 766 | 781 | 795 | 809 | 45,5 | 21 | 38,5 |

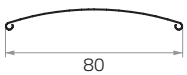
| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,1 | 8,4 | 8,7 | 9 | 9,3 | 9,6 | 9,9 | 10,2 | 10,5 | 10,8 | 11,1 | 11,4 | 11,7 | 12 | Extra charge for bottom rail in RAL colour |
| 21,6 | 22,4 | 23,2 | 24 | 24,8 | 25,6 | 26,4 | 27,2 | 28 | 28,8 | 29,6 | 30,4 | 31,2 | 32 | SOLIDBOX cassette varnishing – standard colours – **option 2** |
| 21,6 | 22,4 | 23,2 | 24 | 24,8 | 25,6 | 26,4 | 27,2 | 28 | 28,8 | 29,6 | 30,4 | 31,2 | 32 | SOLIDBOX cassette varnishing – RAL colours – **option 1** |
| 43,2 | 44,8 | 46,4 | 48 | 49,6 | 51,2 | 52,8 | 54,4 | 56 | 57,6 | 59,2 | 60,8 | 62,4 | 64 | SOLIDBOX cassette varnishing – RAL colours – **option 2** |

| | | | | |
|---|---|---|---|---|
| 6 pcs | 7 pcs | 8 pcs | Anchor bolt |
| 4 pcs | | 5 pcs | Head rail fixing brackets |

## OPTIONAL COMPONENTS

| Item (extra charge) | Unit | Price | Comments |
|---|---|---|---|
| **FIXING COMPONENTS** | | | |
| Anchor bolt | pcs | 0,5 | |
| **SLAT ROTATION** | | | |
| 90° | standard (no extra charge) | | |
| 180° | 3% | | extra charge added to basic price |
| **OTHER** | | | |
| Wood-like colours of slats | 30% | | golden oak, nut |





## PRODUCT DESCRIPTION:

**THE PACKET OF SLATS:**
- aluminium slats, 90 mm wide, covered with weather resistant varnish
- bottom bar: 93 x 13 mm
- lift tape, 8 mm wide, made of strong and versatile Kevlar fibres
- max. dimensions of the blind: width: 4000 mm, height: 3500 mm, total surface area: 14 m²

**SLAT GUIDANCE**
- aluminium guide channels 27,5 mm wide available in 2 sizes: 95, 110 mm
- aluminium guide pins

**SOLIDBOX CASSETTE**
- available in 3 sizes: 220, 270, 320 mm
- parts of cassette not covered by plaster + 10 cm on the inside as standard – **option 1**
- **cassette insulation with XPS board (no charge)**

**DRIVE**
- the price in the table does **not include** the price of electric drive. The price of electric drive should be looked up in OPTIONAL COMPONENTS section **(A,B,C range drive)** and added to the price in the table.

**example** - SOLIDBOX blind - 2000 x 2000 mm
ELERO JA drive
368 EUR + 89 EUR **(price of A range drive)**

| Height of the cassette | Height/ Width | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | 800 | 131 | 139 | 148 | 156 | 164 | 178 | 187 | 203 | 219 | 228 | 236 | 245 | 254 | 262 | 271 | 280 | 288 | 305 | 319 |
| | 900 | 137 | 145 | 154 | 162 | 171 | 185 | 194 | 211 | 227 | 236 | 245 | 253 | 262 | 271 | 280 | 289 | 298 | 315 | 329 |
| | 1000 | 143 | 152 | 160 | 169 | 178 | 192 | 201 | 219 | 235 | 244 | 253 | 262 | 271 | 280 | 289 | 299 | 308 | 325 | 340 |
| | 1100 | 149 | 158 | 167 | 175 | 184 | 199 | 208 | 227 | 243 | 252 | 261 | 271 | 280 | 289 | 298 | 308 | 317 | 335 | 350 |
| | 1200 | 155 | 164 | 173 | 182 | 191 | 206 | 215 | 235 | 251 | 260 | 270 | 279 | 289 | 298 | 308 | 317 | 326 | 346 | 360 |
| | 1300 | 161 | 170 | 179 | 189 | 198 | 213 | 222 | 242 | 259 | 268 | 278 | 287 | 297 | 307 | 317 | 326 | 336 | 356 | 370 |
| | 1400 | 167 | 176 | 186 | 195 | 204 | 220 | 230 | 250 | 267 | 277 | 286 | 296 | 306 | 316 | 326 | 336 | 345 | 366 | 381 |
| | 1500 | 173 | 183 | 192 | 202 | 211 | 227 | 237 | 258 | 275 | 285 | 295 | 305 | 315 | 325 | 335 | 345 | 355 | 376 | 391 |
| | 1600 | 179 | 189 | 198 | 208 | 218 | 234 | 244 | 265 | 282 | 293 | 303 | 313 | 323 | 334 | 344 | 354 | 364 | 386 | 401 |
| | 1700 | 185 | 195 | 205 | 215 | 225 | 240 | 251 | 273 | 290 | 301 | 311 | 322 | 332 | 343 | 353 | 363 | 374 | 396 | 412 |
| | 1800 | 191 | 201 | 211 | 221 | 231 | 247 | 258 | 281 | 298 | 309 | 320 | 330 | 341 | 351 | 362 | 373 | 383 | 406 | 422 |
| 270 | 1900 | 201 | 212 | 223 | 234 | 244 | 261 | 272 | 296 | 314 | 326 | 337 | 348 | 360 | 371 | 382 | 393 | 405 | 429 | 445 |
| | 2000 | 207 | 218 | 229 | 240 | 251 | 268 | 279 | 304 | 322 | 334 | 345 | 357 | 368 | 380 | 391 | 403 | 414 | 439 | 455 |
| | 2100 | 213 | 224 | 235 | 246 | 258 | 275 | 286 | 312 | 330 | 342 | 354 | 365 | 377 | 389 | 400 | 412 | 424 | 449 | 466 |
| | 2200 | 219 | 230 | 242 | 253 | 265 | 282 | 293 | 320 | 338 | 350 | 362 | 374 | 386 | 398 | 409 | 421 | 433 | 459 | 476 |
| | 2300 | 225 | 237 | 248 | 260 | 272 | 289 | 301 | 327 | 346 | 359 | 370 | 383 | 395 | 407 | 419 | 431 | 443 | 470 | 486 |
| | 2400 | 231 | 242 | 254 | 266 | 278 | 295 | 308 | 335 | 354 | 366 | 379 | 391 | 403 | 415 | 428 | 440 | 452 | 480 | 497 |
| | 2500 | 237 | 249 | 261 | 273 | 285 | 303 | 315 | 343 | 362 | 375 | 387 | 400 | 412 | 424 | 437 | 449 | 462 | 490 | 507 |
| | 2600 | 242 | 255 | 267 | 279 | 291 | 309 | 337 | 351 | 370 | 383 | 395 | 408 | 420 | 433 | 446 | 474 | 486 | 500 | 517 |
| | 2700 | 249 | 261 | 274 | 286 | 298 | 316 | 345 | 358 | 378 | 391 | 404 | 416 | 429 | 442 | 455 | 484 | 497 | 510 | 535 |
| 320 | 2800 | 260 | 273 | 286 | 299 | 312 | 331 | 361 | 375 | 395 | 408 | 422 | 435 | 449 | 462 | 476 | 506 | 519 | 540 | 559 |
| | 2900 | 265 | 279 | 292 | 305 | 319 | 337 | 368 | 382 | 403 | 416 | 430 | 444 | 457 | 471 | 485 | 515 | 536 | 550 | 569 |
| | 3000 | 272 | 285 | 298 | 312 | 325 | 345 | 376 | 390 | 411 | 425 | 439 | 452 | 466 | 480 | 494 | 532 | 546 | 560 | 579 |
| | 3100 | 277 | 291 | 305 | 318 | 332 | 369 | 383 | 398 | 418 | 433 | 447 | 461 | 475 | 514 | 528 | 542 | 556 | 570 | 590 |
| | 3200 | 283 | 297 | 311 | 325 | 339 | 377 | 391 | 405 | 427 | 441 | 455 | 469 | 484 | 523 | 538 | 552 | 566 | 581 | 600 |
| | 3300 | 289 | 304 | 318 | 332 | 346 | 384 | 399 | 413 | 435 | 449 | 464 | 485 | 500 | 533 | 547 | 562 | 576 | 591 | 610 |
| | 3400 | 295 | 310 | 324 | 338 | 352 | 391 | 406 | 421 | 442 | 457 | 472 | 493 | 508 | 542 | 557 | 571 | 586 | 601 | 621 |
| | 3500 | 301 | 316 | 330 | 345 | 359 | 399 | 414 | 429 | 450 | 465 | 480 | 502 | 517 | 552 | 566 | 581 | 596 | 611 | 631 |
| Extra charge for bottom rail in RAL colour | | 2,4 | 2,7 | 3 | 3,3 | 3,6 | 3,9 | 4,2 | 4,5 | 4,8 | 5,1 | 5,4 | 5,7 | 6 | 6,3 | 6,6 | 6,9 | 7,2 | 7,5 | 7,8 |
| SOLIDBOX cassette varnishing – standard colours – **option 2** | | 6,4 | 7,2 | 8 | 8,8 | 9,6 | 10,4 | 11,2 | 12 | 12,8 | 13,6 | 14,4 | 15,2 | 16 | 16,8 | 17,6 | 18,4 | 19,2 | 20 | 20,8 |
| SOLIDBOX cassette varnishing – RAL colours – **option 1** | | 6,4 | 7,2 | 8 | 8,8 | 9,6 | 10,4 | 11,2 | 12 | 12,8 | 13,6 | 14,4 | 15,2 | 16 | 16,8 | 17,6 | 18,4 | 19,2 | 20 | 20,8 |
| SOLIDBOX cassette varnishing – RAL colours – **option 2** | | 12,8 | 14,4 | 16 | 17,6 | 19,2 | 20,8 | 22,4 | 24 | 25,6 | 27,2 | 28,8 | 30,4 | 32 | 33,6 | 35,2 | 36,8 | 38,4 | 40 | 41,6 |

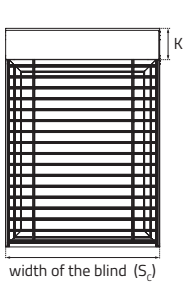
| Anchor bolt | 2 pcs | 3 pcs | 4 pcs | 5 pcs | 6 pcs |
|---|---|---|---|---|---|
| Head rail fixing brackets | 2 pcs | | 3 pcs | | 4 pcs |

**ELECTRIC DRIVES**

| Item (extra charge) | Unit | Price | Comments |
|---|---|---|---|
| **STANDARD ELECTRIC DRIVE** | | | |
| Elero JA drive - **A** | pcs | 89 | end positions established mechanically |
| Elero JA drive - **B** | pcs | 101 | |
| Elero JA drive - **C** | pcs | 125 | |
| Elero JA COMFORT drive - **A** | pcs | 127 | end positions established electronically with an installation cable |
| Elero JA COMFORT drive - **B** | pcs | 147 | |
| Elero JA COMFORT drive - **C** | pcs | 155 | |
| Somfy WT drive - **A** | pcs | 89 | end positions established electronically with an installation cable |
| Somfy WT drive - **B** | pcs | 101 | |
| Somfy WT drive - **C** | pcs | 125 | |
| Somfy WT PROTECT drive - **A** | pcs | 106 | end positions established electronically with an installation cable |
| Somfy WT PROTECT drive - **B** | pcs | 122 | |
| Somfy WT PROTECT drive - **C** | pcs | 152 | |

| Item (extra charge) | Unit | Price | Comments |
|---|---|---|---|
| **RADIO CONTROL** | | | |
| Somfy RTS drive - **A** | pcs | 185 | end positions established electronically |
| Somfy RTS drive - **B** | pcs | 198 | |
| Somfy RTS drive - **C** | pcs | 252 | |
| Elero JA COMFORT 868 drive - **A** | pcs | 161 | end positions established electronically |
| Elero JA COMFORT 868 drive - **B** | pcs | 185 | |
| Elero JA COMFORT 868 drive - **C** | pcs | 195 | |
| **RADIO CONTROL – io-homecontrol** | | | |
| Somfy io-homecontrol PROTECT drive - **A** | pcs | 229 | end positions established electronically |
| Somfy io-homecontrol PROTECT drive - **B** | pcs | 247 | |
| Somfy io-homecontrol PROTECT drive - **C** | pcs | 277 | |
| **CONTROL** | | | |
| wire control / wire - group control / radio control / io-homecontrol | | | see pp. 10 - 21 |

## MEASUREMENT



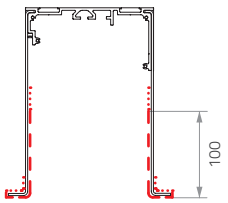
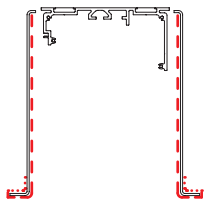

the height of the opening (including the height of the box $W_c$)

$S_c$ - the width as ordered
W - the height of the opening
$W_c$ - the height as ordered
K - the height of cassette

overall dimensions
**$S_c$ x $W_c$**

$W_c = W + K$

## CASSETTE VARNISHING OPTIONS

| 1 (standard) | 2 (optional) |
|---|---|
|  |  |



Possible dust — 100% paint coverage

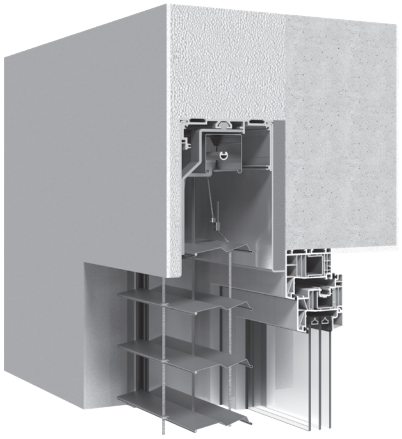
| Height/ Width | 2700 | 2800 | 2900 | 3000 | 3100 | 3200 | 3300 | 3400 | 3500 | 3600 | 3700 | 3800 | 3900 | 4000 | Extra charge for 2 side guides in RAL | Extra charge for 2 spacers | Extra charge for 2 spacers in RAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 800 | 327 | 336 | 345 | 354 | 362 | 371 | 380 | 389 | 405 | 418 | 427 | 435 | 444 | 453 | 10,4 | 4,8 | 8,8 |
| 900 | 338 | 347 | 356 | 365 | 374 | 383 | 392 | 400 | 418 | 431 | 440 | 449 | 457 | 467 | 11,7 | 5,4 | 9,9 |
| 1000 | 349 | 358 | 367 | 376 | 385 | 394 | 403 | 413 | 431 | 443 | 453 | 462 | 471 | 480 | 13 | 6 | 11 |
| 1100 | 359 | 368 | 378 | 387 | 396 | 406 | 415 | 424 | 443 | 456 | 465 | 475 | 484 | 493 | 14,3 | 6,6 | 12,1 |
| 1200 | 370 | 379 | 389 | 398 | 408 | 417 | 427 | 436 | 455 | 469 | 478 | 488 | 497 | 507 | 15,6 | 7,2 | 13,2 |
| 1300 | 380 | 390 | 399 | 409 | 419 | 429 | 438 | 448 | 468 | 481 | 491 | 501 | 510 | 520 | 16,9 | 7,8 | 14,3 |
| 1400 | 391 | 400 | 410 | 420 | 430 | 440 | 450 | 460 | 480 | 494 | 504 | 514 | 524 | 534 | 18,2 | 8,4 | 15,4 |
| 1500 | 401 | 411 | 421 | 432 | 441 | 452 | 462 | 472 | 493 | 507 | 517 | 527 | 537 | 547 | 19,5 | 9 | 16,5 |
| 1600 | 411 | 422 | 432 | 442 | 453 | 463 | 473 | 483 | 505 | 520 | 530 | 540 | 550 | 560 | 20,8 | 9,6 | 17,6 |
| 1700 | 422 | 433 | 443 | 454 | 464 | 475 | 485 | 495 | 518 | 532 | 543 | 553 | 564 | 574 | 22,1 | 10,2 | 18,7 |
| 1800 | 433 | 443 | 454 | 465 | 475 | 486 | 496 | 507 | 530 | 545 | 555 | 566 | 577 | 587 | 23,4 | 10,8 | 19,8 |
| 1900 | 456 | 468 | 479 | 490 | 502 | 513 | 524 | 536 | 560 | 575 | 586 | 598 | 609 | 620 | 24,7 | 11,4 | 20,9 |
| 2000 | 467 | 479 | 490 | 502 | 513 | 525 | 536 | 548 | 572 | 588 | 600 | 611 | 630 | 641 | 26 | 12 | 22 |
| 2100 | 477 | 489 | 501 | 513 | 524 | 536 | 548 | 559 | 585 | 600 | 619 | 631 | 643 | 654 | 27,3 | 12,6 | 23,1 |
| 2200 | 488 | 500 | 512 | 524 | 536 | 548 | 560 | 571 | 604 | 620 | 632 | 644 | 656 | 668 | 28,6 | 13,2 | 24,2 |
| 2300 | 499 | 511 | 523 | 535 | 547 | 559 | 578 | 590 | 617 | 633 | 645 | 657 | 670 | 681 | 29,9 | 13,8 | 25,3 |
| 2400 | 509 | 521 | 533 | 546 | 565 | 577 | 590 | 602 | 630 | 646 | 658 | 670 | 682 | 695 | 31,2 | 14,4 | 26,4 |
| 2500 | 520 | 532 | 552 | 564 | 577 | 589 | 601 | 614 | 642 | 658 | 671 | 683 | 696 | 708 | 32,5 | 15 | 27,5 |
| 2600 | 537 | 550 | 562 | 575 | 588 | 616 | 629 | 641 | 654 | 671 | 684 | 696 | 709 | 722 | 33,8 | 15,6 | 28,6 |
| 2700 | 548 | 560 | 573 | 586 | 599 | 628 | 641 | 654 | 667 | 684 | 697 | 710 | 722 | 735 | 35,1 | 16,2 | 29,7 |
| 2800 | 572 | 586 | 600 | 613 | 627 | 657 | 670 | 684 | 698 | 715 | 728 | 742 | 756 | 769 | 36,4 | 16,8 | 30,8 |
| 2900 | 583 | 597 | 610 | 624 | 638 | 668 | 682 | 696 | 710 | 727 | 741 | 755 | 769 | 782 | 37,7 | 17,4 | 31,9 |
| 3000 | 593 | 607 | 621 | 635 | 649 | 680 | 694 | 708 | 722 | 740 | 754 | 768 | 782 | 796 | 39 | 18 | 33 |
| 3100 | 604 | 618 | 650 | 664 | 678 | 692 | 706 | 720 | 735 | 753 | 785 | 799 | 813 | 827 | 40,3 | 18,6 | 34,1 |
| 3200 | 614 | 629 | 661 | 676 | 690 | 704 | 719 | 733 | 747 | 766 | 798 | 812 | 827 | 841 | 41,6 | 19,2 | 35,2 |
| 3300 | 625 | 640 | 673 | 687 | 702 | 716 | 731 | 745 | 760 | 778 | 812 | 826 | 841 | 855 | 42,9 | 19,8 | 36,3 |
| 3400 | 635 | 650 | 684 | 699 | 713 | 728 | 743 | 757 | 772 | 791 | 825 | 840 | 854 | 869 | 44,2 | 20,4 | 37,4 |
| 3500 | 646 | 661 | 695 | 710 | 725 | 740 | 755 | 770 | 785 | 804 | 838 | 853 | 868 | 883 | 45,5 | 21 | 38,5 |

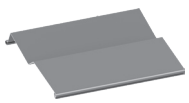
| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,1 | 8,4 | 8,7 | 9 | 9,3 | 9,6 | 9,9 | 10,2 | 10,5 | 10,8 | 11,1 | 11,4 | 11,7 | 12 | Extra charge for bottom rail in RAL colour |
| 21,6 | 22,4 | 23,2 | 24 | 24,8 | 25,6 | 26,4 | 27,2 | 28 | 28,8 | 29,6 | 30,4 | 31,2 | 32 | SOLIDBOX cassette varnishing – standard colours – **option 2** |
| 21,6 | 22,4 | 23,2 | 24 | 24,8 | 25,6 | 26,4 | 27,2 | 28 | 28,8 | 29,6 | 30,4 | 31,2 | 32 | SOLIDBOX cassette varnishing – RAL colours – **option 1** |
| 43,2 | 44,8 | 46,4 | 48 | 49,6 | 51,2 | 52,8 | 54,4 | 56 | 57,6 | 59,2 | 60,8 | 62,4 | 64 | SOLIDBOX cassette varnishing – RAL colours – **option 2** |

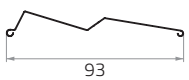
| | | | |
|---|---|---|---|
| 6 pcs | 7 pcs | 8 pcs | Anchor bolt |
| 4 pcs | | 5 pcs | Head rail fixing brackets |

## OPTIONAL COMPONENTS

| Item (extra charge) | Unit | Price | Comments |
|---|---|---|---|
| **FIXING COMPONENTS** | | | |
| Anchor bolt | pcs | 0,5 | |







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# XPS EXTRUDED POLYSTYRENE (free of charge option)

**Extruded polystyrene (XPS)**

Synthos XPS PRIME S is a thermal insulating material in the form of a panel formed in the process of extrusion and direct foaming. It is based on polystyrene resin – food contact material safe for human health. Extruded polystyrene hard foam is a closed-cell foam material which absorbs only minimum quantities of moisture.

**PRODUCT ADVANTAGES:**

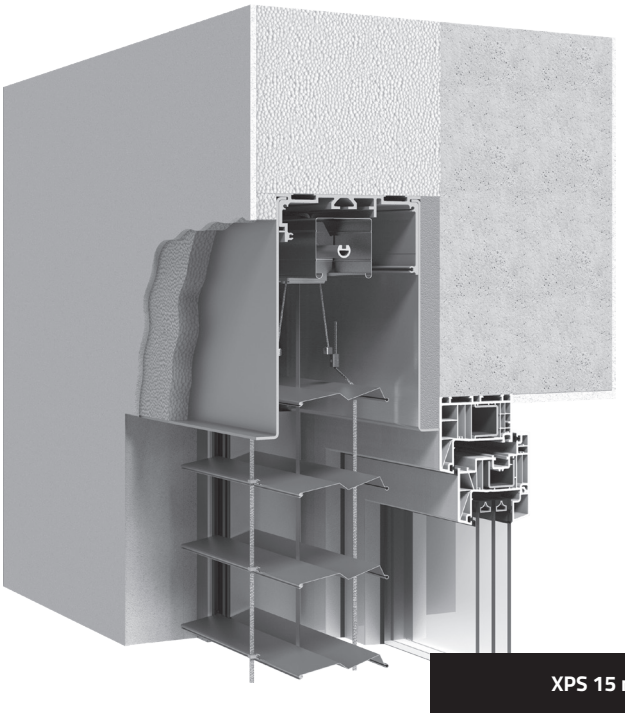
- excellent thermal insulation properties
- closed-cell structure
- low water absorption
- high compressive strength
- trouble-free mounting
- fully recyclable
- cell structure, filled with air, keeps stable thermo-insulation parameters of the product. Additionally, the structure ensures progressive improvement of insulation properties which increase as the temperature outside lowers (the value of thermal conductivity factor decreases)

**Thermal parameters**

| XPS thickness | Unit | Test method | Thermal conductivity factor ($\lambda_D$) EN-13164 (10 °C) | Thermal resistance ($R_D$) EN-13164 (10 °C) |
|---|---|---|---|---|
| $d_N$ = 15 mm | W/(m·K) $m^2 \cdot K/W$ | PN-EN 13164 | – | – |
| $d_N$ = 20 mm | | | 0,034 | 0,50 |
| $d_N$ = 35 mm | | | 0,034 | 1,00 |

**Hydrophobic parameters**

| Property | Unit | Test method | XPS PRIME S value or feature |
|---|---|---|---|
| Declared water absorbability (prolonged submersion) | % | PN-EN 12087 + A1 | ≤ 0,70 |
| Average achieved water absorbability (prolonged submersion) | % | | ≤ 0,25 |
| Short-term water absorption | $kg/m^3$ | PN-EN 1609 | ≤ 0,50 |
| | $kg/m^2$ | | ≤ 0,10 |



XPS 15 mm

# ALUTHERMO QUATTRO INSULATION FOIL (extra paid option)

Aluthermo Quattro is an ultra-thin, multi-reflective, fitted with 4 layers of aluminium, multi-layer insulation material which is thermally-welded across all its surfaces. Aluthermo Quattro* consists of two layers of pure polished aluminium, 30 micron thick, treated against oxidation and divided by two layers of bubbles of dry air in honeycomb structure enclosed in self-extinguishing polyethylene. It is also covered with two extra films of pure aluminium and waterproof and self-extinguishing polyethylene foam. Aluthermo Quattro* is almost impenetrable to infrared radiation, which ensures comfortable temperature conditions both in the summer heat and in the frost of winter. According to research (see technical data) Aluthermo Quattro's* thermal resistance equals R=5,7m²K/W and its thermal performance is comparable to 20 cm thick mineral wool (λ0.040 W/m.K.).

**Advantages:**

- 3 in 1: a cost-effective solution (wind-protection, thermal insulation, vapour barrier).
- Fire protection class B-d0-s1.
- Lightweight: does not burden nor affect the structure of the entire building.
- Durable: materials used guarantee the highest quality; 30 micron thick aluminium film retains 100% of its insulating properties for many years even when stained or covered in dust; the polyethylene does not undergo degradation as, thanks to the reflective properties of the aluminium film, it is not exposed to extreme temperatures; does not delaminate when cut; treated against oxidation; thermally-welded across all its surfaces.
- Easy mount: one-person job (tools: cutting knife, stapler). Can be fitted to a surface of almost any shape. Lightweight, portable, does not take up much space, does not gather dust.
- A 10-year guarantee: material used am. others in aviation industry.

| | |
|---|---|
| Thickness | +/- 10 mm |
| Thickness of the polyethylene film | 150 µm |
| Number of the aluminium films | 4 |
| Thickness of the polyethylene foam | 3 mm |
| Thickness of the outer aluminium film | 30 µm |
| Weight | +/- 750 g/m² |
| * R [m² K/W] | R= 5,70 m² K/W |
| ** R [m² K/W] | R= 2,80 m² K/W |
| Installation temperature range | - 40°C - +80°C |
| Number of m² per roll | 30,00 |
| Dimensions of the roll | 1,20 m x 25 m |
| Weight of the roll | 22,5 kg |

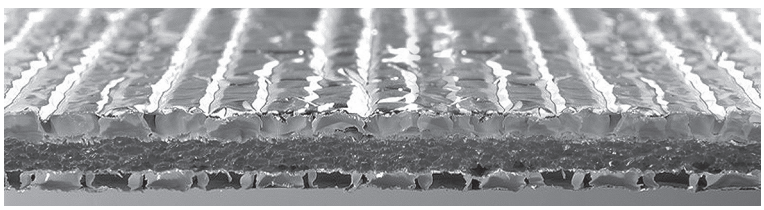
* Performance data valid only for installation between 2 air gaps (without direct contact with any other material).

** Performance data valid only for installation without air gaps (with direct contact with some other material).

## ALUTHERMO QUATTRO FOIL INSULATION price list

| Aluthermo Quattro®<br>price EUR / roll (30 m²) | Aluthermo Quattro®<br>price EUR / metre<br>(1m = 1,2 m²) | Aluminium tape 100 mm x 45 m (roll) for joining Aluthermo® sheets<br>Price EUR /roll |
|---|---|---|
| 472 | 26 | 22,4 |

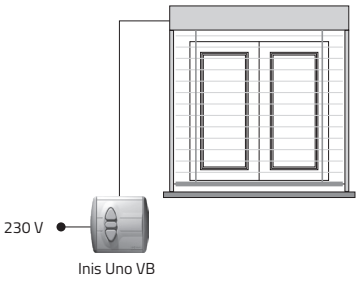
Please note: prices in the table are not subject to any discount.



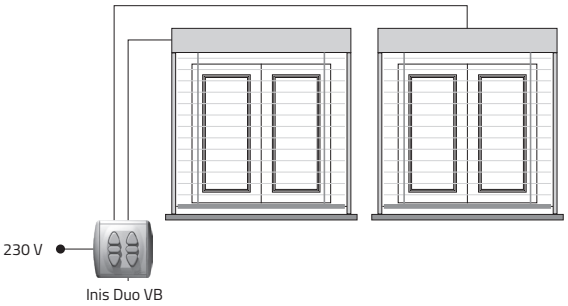
## DESCRIPTION OF THE SYSTEM:

Somfy UNO wired control system – wired technology links the control device to the motor using electrical wires that are embedded into the wall. The control is exercised by pressing the Up/Stop/Down buttons. Manual controls must be located near windows and in strategic areas.

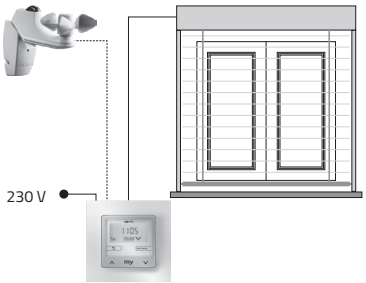
| Name of product | Description of product | Price |
|---|---|---|
| **Inis Uno VB** | Wall mounted wired-control unit, manual: Up, Stop, Down functions. | 13 |
| **Inis Duo VB** | Wall mounted wired-control unit, manual: up,stop, down functions.<br>Can control up to 2 blind or roller shutter motors. | 18 |
| **Inteo Flush-Mounted Frame** | Used with UNO/DUO series **control units**. | 5 |
| **Chronis Smoove Uno** | Manual or automatic control of one or more motors according to individual scenarios (max. 2 orders/day).<br>Daily or weekly scenario.<br>Up/down individual programming for every day of the week or the whole week (Mon.-Sun).<br>Automatic summer/winter time. Large, backlit display, user-friendly interface. Presence simulation mode allows to change opening/closing times +/- 15 min. | 103 |
| **Soliris Smoove Uno** | Manual or automatic control (depending on time, wind and intensity of light).<br>User-friendly, large, backlit display with menu-based interface enables programming via text display.<br>Wind-sun sensor for sun and wind control. Easy setting of wind speed and light intensity threshold values on the control unit.<br>Room thermostat – rain/sun sensor – compatible. | 161 |
| **Sterownik TR-2** | Simultaneous control of 2 drives with one switch or a dedicated shutter control. Invisible, flush-mounted in a Ø70 mm box (in rooms with low indoor air humidity). | 52 |



Inis Uno VB

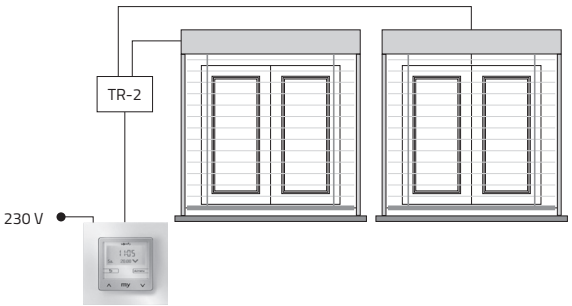


Inis Duo VB



Soliris Smoove Uno

control line (low voltage)

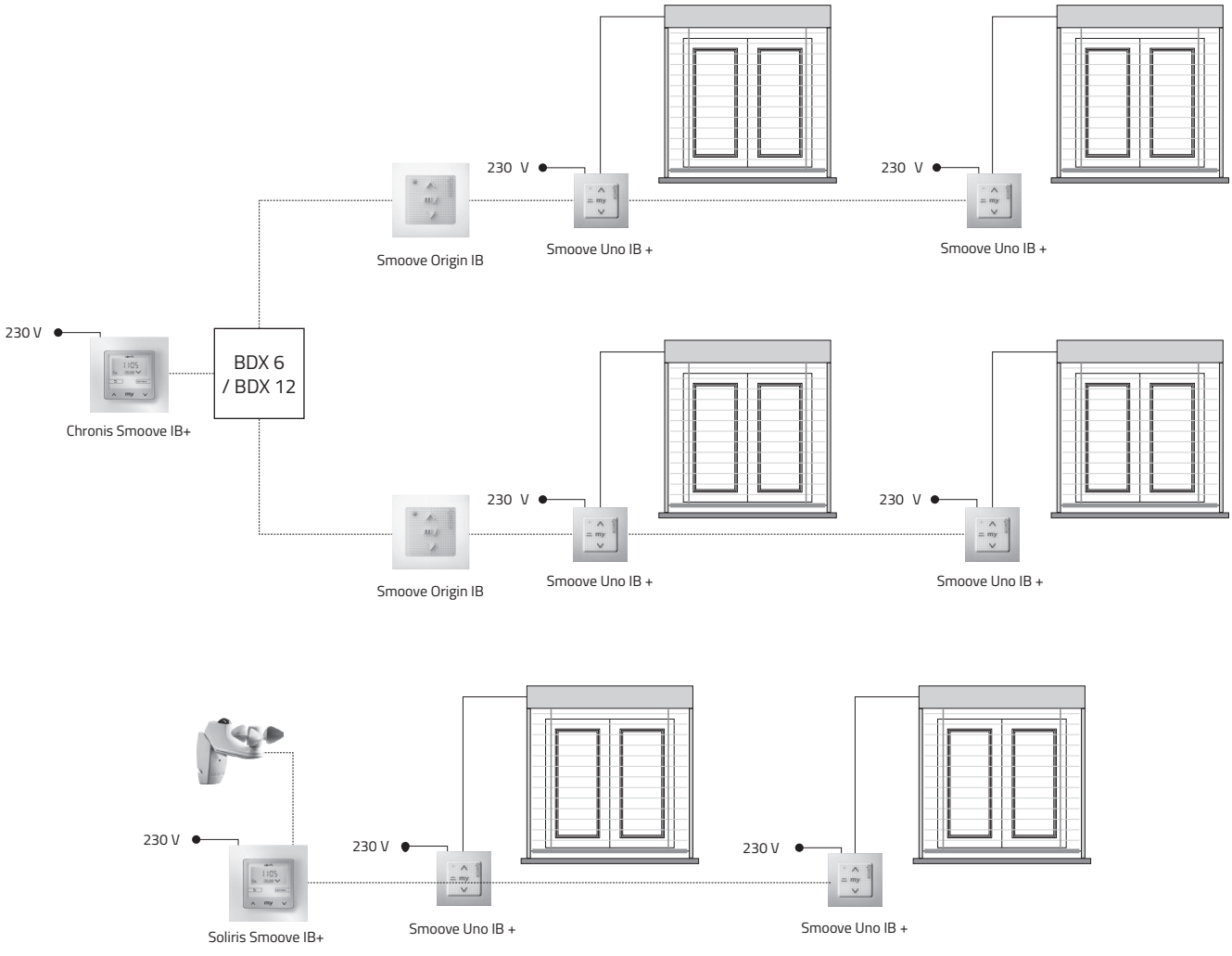


Chronis Smoove Uno

## THE SYSTEM:

IB wired control system – Somfy solution ideal for family houses, apartment buildings, company buildings or public facilities. Manual or automatic control of one or more units via a low--voltage circuit.

| Name of product | Description of product | Price |
|---|---|---|
| **Smoove Uno IB+** | Manual control - Up/Stop/Down features.<br>Receives commands from Centralis IB and Chronis IB control units.<br>Memorises the favourite position.<br>Designed for standard flush-socket installation. Fits in standard 50 x 50 mm frames. | 74 |
| **Smoove Origin IB** | Manual control - Up/Stop/Down features. Controls shutters activated by motors via SOMFY 'IB' low voltage line. | 31 |
| **Chronis Smoove IB+** | Manual or automatic control of one or more motors according to individual scenario (max. 4 orders/day).<br>Automatic summer/winter time.<br>Large, backlit display, user-friendly interface. Presence simulation mode allows to change opening/closing times +/- 15 min. | 150 |
| **Soliris Smoove IB+** | Manual or automatic control (depending on time, wind and intensity of light).<br>User-friendly, large, backlit display with menu-based interface enables programming via text display.<br>Wind-sun sensor for sun and wind control.<br>Easy setting of wind speed and light intensity threshold values on the control unit.<br>Room thermostat / rain/sun sensor compatible. | 178 |
| **BDX-6** | Separating filter for connection of up to 3 groups. | 38 |
| **BDX-12** | Separating filter for connection of up to 6 groups. | 120 |

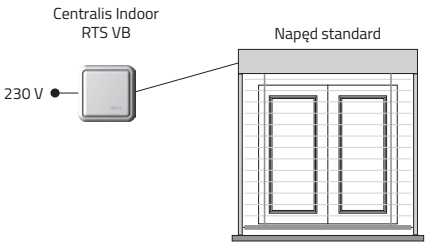


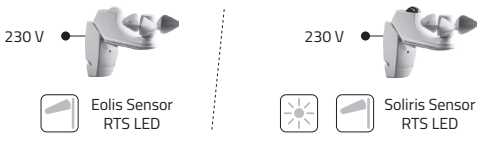

control line (low voltage)

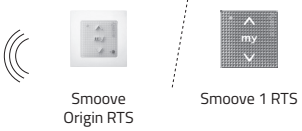
## THE SYSTEM:

RTS - a radio system in which the commands are transmitted by radio waves. No electric wiring between the motor and the control. Installation is quicker and saves your walls from being damaged. The system provides a sense of comfort at low cost.

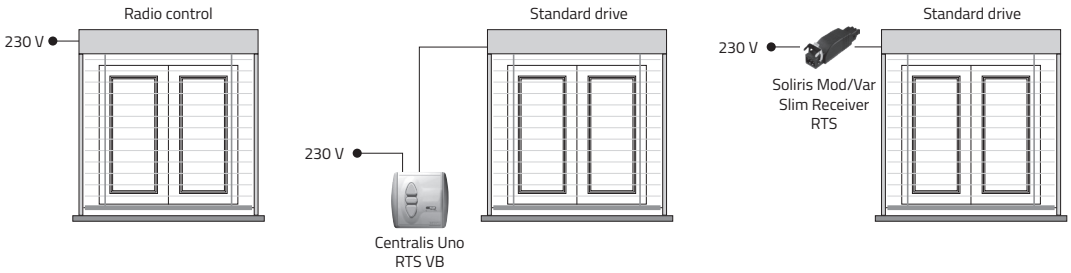
| | Name of product | Description of product | Price |
|---|---|---|---|
| | **Connexoon Window RTS** | Enables you to manage RTS devices controlling sun-protection systems (roller shutters, external venetian blinds, roller blinds), RTS alarm and RTS lighting devices via your smartphone or tablet with iOS or Android with Internet access. Four customizable scenarios to adjust your RTS devices to suit the situation. | 178 |
| RADIO RECEIVERS | **Soliris Mod/Var Slim Receiver RTS** | Compact radio receiver suitable for controlling external blind motor. Central thumbwheel for alignment of blind slats. Fine tuning of slat orientation by scrolling the thumbwheel to the desired position. "My" button enables a favourite position to be memorized. Pressing the My button will automatically send the blinds to this position. For four wire drives powered by 230 V. | 109 |
| | **Centralis Indoor RTS VB** | Surface mounted Centralis Indoor RTS is a radio receiver compatible with all RTS controls (up to 12 controls).<br>**Note: no possibility to connect with weather sensors.** | 89 |
| | **Centralis Uno RTS VB** | Wall-mounted wired control unit with integrated RTS radio receiver. Radio remote control a possibility. Manual control, Up, Stop, Down features.<br>Possibility to turn off central control with a slide switch.<br>Compatible with all RTS units.<br>The automatic / manual feature allows the user to divert a unit from the centralized controls. | 94 |
| ON-WALL TRANSMITTERS | **Smoove Origin RTS** | **New design.**<br>Battery-powered, one channel wireless wall-mounted RTS control unit.<br>Simple to program and to modify.<br>Manual operation by means of Up,Down and Stop features; no cabling.<br>Compatible with all RTS units. | 36 |
| | **Smoove 1 RTS** | **New design.**<br>Battery-powered, one channel control unit.<br>Manual control of one or more motors/actuators (Up, Down, Stop features).<br>No cabling, radio remote control, compatible with all RTS units.<br>Colours: silver, pure, black. | 44 |
| WEATHER AUTOMATION SYSTEM | **Wind sensor**<br>**Eolis Sensor RTS LED** | Radio wind sensor systematically measuring wind speed. For more protection against wind. Wireless communication with a radio-controlled drive unit and/or receiver. Convenient setting of wind threshold values.<br>User-friendly, one button programming.<br>Power supply: 230V<br>**Please note:** the wind sensor must be mounted in a location enabling it to take accurate measurements. | 96 |
| | **Sun and Wind sensor**<br>**Soliris Sensor RTS LED** | Radio wind and sun sensor systematically measuring light intensity and wind speed. Wireless communication with a radio-controlled drive unit and/or receiver. Convenient setting of light intensity and wind threshold values. User-friendly, one button programming.<br>Power supply: 230V<br>**Please note:** the sun and wind sensor must be mounted in a location enabling it to take accurate measurements. | 120 |



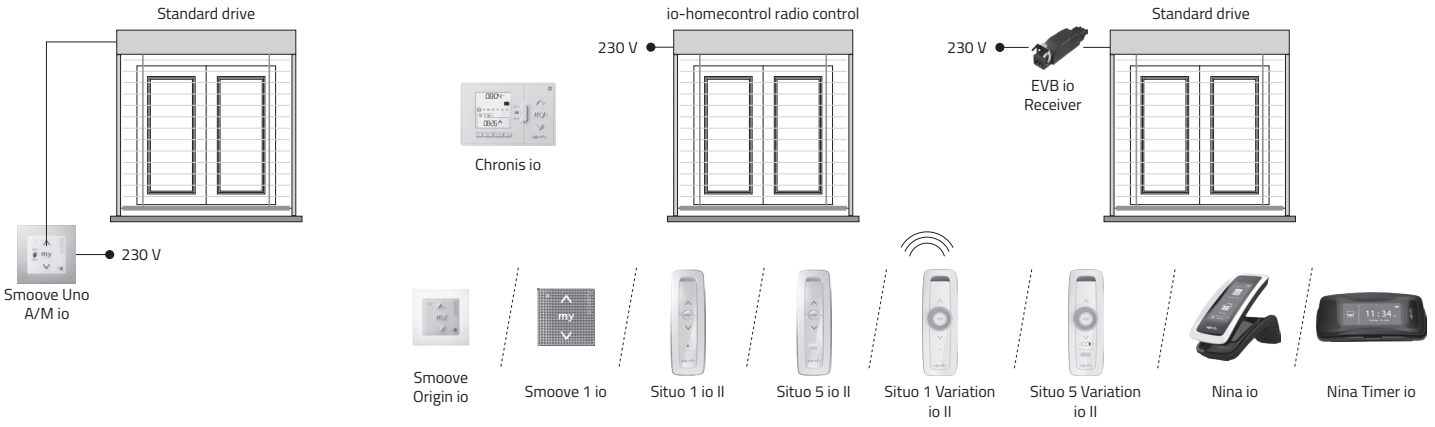



| | Name of product | Description of product | Price |
|---|---|---|---|
| REMOTE CONTROLS | **Situo 1 RTS** | Battery-powered, **1 channel**, wireless radio remote control.<br>Used as an individual or group control.<br>Compatible with all types of external and integrated RTS receivers. | 30 |
| | **Telis 1 RTS** | Battery-powered, **1 channel**, wireless radio remote control.<br>Compatible with products fitted with RTS only.<br>Used as an individual or group control. | Pure 33<br>Silver 41 |
| | **Telis 4 RTS** | Battery-powered, **5 channel**, wireless radio remote control compatible with products fitted with RTS only.<br>Used as an individual or group control.<br>Push-button for channel selection, diode (LED) indicating which channel has been selected. | Pure 59<br>Silver 65 |
| | **Telis 16 RTS** | **New Design**<br>Battery-powered, **16 channel**, wireless radio remote control.<br>Individual or group control of RTS motorised applications; LCD display.<br>A choice of icons available to visually represent the product/s assigned to a channel. | Pure 138<br>Silver 151 |
| | **Telis 6 RTS Chronis** | **New Design**<br>Battery-powered, **6 channel**, wireless radio remote control to manage up to 6 groups with time programming.<br>Individual or group control of RTS motorised applications.<br>Manual / Automatic modes combined with centralization and clock function.<br>Motorized applications are automatically managed by the timer function<br>Time programming for each zone of the home with up to 6 time slots per day.<br>Presence Simulation function to simulate a presence when the user is not at home.<br>LCD display. | Pure 175<br>Silver 194 |
| | **Telis 1 Soliris RTS** | Battery-powered, **1 channel**, wireless radio remote control. Manages up to 5 RTS motors or groups of motors. It also has the added feature of activating an RTS sun sensor remotely. Up/Stop/My Preferred Position features. | Pure 53<br>Patio 70 |
| | **Telis 4 Soliris RTS** | Battery-powered, **5 channel**, wireless radio remote control. Manages up to 5 RTS motors or groups of motors. It also has the added feature of activating an RTS sun sensor remotely. Up/Stop/My Preferred Position features. Push-button for channel selection, diode (LED) indicating which channel has been selected. | Patio 74 |
| REMOTE CONTROLS FOR BLINDS WITH TILTING SLATS | **Situo Variation 1 RTS** | Battery-powered, **1 channel,** wireless radio remote control compatible only with products fitted with RTS .<br>Used as an individual or group control. Used for blinds with tilting slats. Slats are precisely positioned using a central thumbwheel ('scroll' feature). | Pure 63<br>Silver 74 |
| | **Situo Variation 5 RTS** | Battery-powered, **5 channel**, wireless radio remote control compatible only with products fitted with RTS .<br>Used as an individual or group control. Used for blinds with tilting slats. Slats are precisely positioned using a central thumbwheel ('scroll' feature). Push-button for channel selection, diode (LED) indicating which channel has been selected. | Pure 79<br>Silver 99 |



| | Name of product | Description of product | Price |
|---|---|---|---|
| WALL MOUNTED CONTROL UNITS | **Smoove Origin io** | Battery-powered, **1 channel**, on-wall, radio transmitter.<br>Manual control of one or more drives: Up/Stop/Down push buttons.<br>Quick, easy and efficient installation<br>No cabling. | 42 |
| | **Smoove 1 io** | Battery-powered, **1 channel**, on-wall, radio transmitter.<br>Manual control of one or more drives: Up/Stop/Down touch buttons.<br>Quick, easy and efficient installation<br>No cabling.<br>Colours available: silver, pure, black. | 51 |
| | **Smoove 1 A/M io** | Battery-powered, **1 channel**, on-wall, radio transmitter.<br>Manual control of one or more drives: Up/Stop/Down touch buttons.<br>Quick, easy and efficient installation<br>No cabling.<br>The central control can be switched on and off by means of the sliding switch.<br>Colours available: silver, pure, black. | 56 |
| | **Chronis io** | Battery-powered, **1 channel**, on-wall radio transmitter.<br>Manual/automatic control of one or more drives according to individual scenarios (max. 4 per day).<br>Quick, easy and efficient installation. No cabling.<br>Automatically switches from summer to winter time and back.<br>A large display detailing all information can be read comfortably.<br>Simple interface and ergonomice.<br>Low battery warning indicator. | 130 |
| RECEIVER | **Smoove Uno A/M io** | Receiver in a form of a switch, manual control using up/stop/down buttons.<br>A/M switch to de/activate automatic and manual mode.<br>Nina io, Situo1,5 io, Smoove io – compatible. | 135 |
| REMOTE CONTROLS | **Situo 1 io II** | Controls one or more drives; 1 channel; individual/group/central control.<br>Memorises your favourite position and allows you to find it instantly by pressing the "My" button.<br>Low battery warning indicator. | 39 |
| | **Situo 5 io II** | Controls one or more drives (5 channels); individual/group/central control.<br>Memorises your favourite position and allows you to find it instantly by pressing the "My" button.<br>Low battery warning indicator. | 63 |
| | **Situo 1 Variation io II** | Battery-powered, 1 channel remote control; controls one or more drives. Individual/group/central operation possible. Memorises your favourite position and allows you to find it instantly by pressing the "My" button.<br>"Scroll" wheel for easy and precise adjusting the slat angle. Low battery warning indicator. | 70 |
| | **Situo 5 Variation A/M io II** | Battery-powered, 5 channel remote control; controls one or more drives. Individual/group/central operation possible. Memorises your favourite position and allows you to find it instantly by pressing the "My" button.<br>"Scroll" wheel for easy and precise adjusting the slat angle. Low battery warning indicator. | 89 |
| | **Nina io** | User friendly; intuitive interface with touchscreen.<br>Display providing feedback on drives.<br>Indicating and editing drives.<br>Max. 60 drives, 30 groups.<br>Max. 15 scenarios in each group.<br>The set includes: Nina handset / base / power cord / battery. | 214 |
| | **Nina Timer io** | User friendly; intuitive interface with touchscreen.<br>Display providing feedback on drives.<br>Indicating and editing drives.<br>Max. 60 drives, 30 groups.<br>Max. 15 scenarios in each group.<br>The set includes: Nina handset / base / power cable / battery. | 224 |

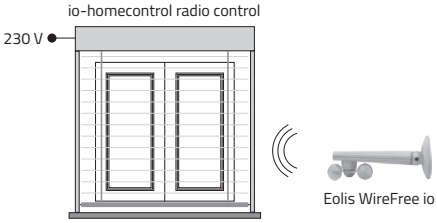



Other Somfy products available at individual request.

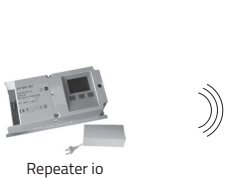
## THE SYSTEM:

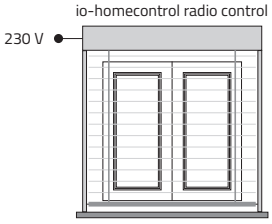
**io-homecontrol®** is Somfy's new radio communication protocol. A bi-directional system in which information is exchanged between control units, automated systems and motors, enabling feedback in real time, thus making installation, use and maintenance easier. No special infrastructure is required, hence low installation costs.

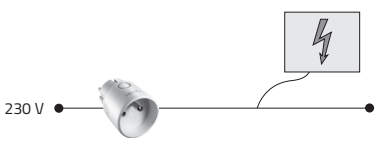
| Name of product | Description of product | Price |
|---|---|---|
| **Tahoma Premium** | A home automation system which controls both IO homecontrol and RTS units, it connects to your home network via any web-enabled device such as PC, tablet or smartphone.<br>Easy programming: each device has a name and can be assigned to a room or a floor.<br>There is a possibility to create up to 40 individual scenarios activated manually or automatically at a set time or by sensors.<br>Compatible with All IO appliances.<br>Tahoma can control up to 50 RTS devices (no feedback).<br>Automatically switches to winter/summer time.<br>Radio frequency: 868 – 870 MHz, 3 ranges, two-way IO homecontrol technology.<br>Max. power consumption: 0,8 A.<br>The set includes: Tahoma Premium, charger, power cable (no base).<br>Dimensions: (length x height x width) 110 x 71 x 28 mm. | 343 |
| **CONNEXOON** | An intuitive interface to programme scenarios. Leave home and check the status of the openings in your home (windows, shutters) and the alarm wherever you are.<br>Wherever you are, consult the status of your roller shutters, exterior Venetian blinds, alarm, etc. in real time and control them easily. Four customisable modes, to adjust your window devices to suit the situation in just one click. The timer lets you program your devices according to the time of day. | Window<br>170<br>Window & Acces<br>188<br>Window & Terrace<br>188 |
| **Eolis WireFree io** | Bidirectional, battery-powered, radio controlled wind sensor. Quick and easy mount, no cabling (for quicker installation and more efficiency).<br>The wind sensitivity can be adjusted via the Easy Sun io remote control.<br>Wind threshold value is individually adjustable (with Sensor Box io).<br>Easy programming at the touch of a button. | 112 |
| **EVB io receiver** | A slim, radio controlled, receiver/transmitter to control external venetian blind drive.<br>Innovative, automatic modes, combined with clock function. Detailed feedback (including slat angle).<br>Ideal complement to your external blind; EVB io is an easy to mount adapter with plugs.<br>Quick setup: startup time set automatically, end positions found automatically.<br>"My" position is pre-programmed.<br>Compatible with Situo Mobile io VB, Telis Composio io, Easy Sun io, TaHoma. | 158 |
| **Repeater io** | Used in installations to extend the range of the standard RTS signal.<br>It will extend the range of the signal to 40m, through 4 reinforced concrete walls.<br>Any number of remote controls can be programmed; one remote control can be programmed in max. 3 repeaters.<br>Switches on only when normal connection cannot be established.<br>Only one repeater may be located between the transmitting device (Telis) and the receiving device (RTS motor). | 147 |
| **Plug io** | Can remotely control electric devices up to 2300 W.<br>Easy mount by plugging into a 230V socket.<br>Any device connected to Plug io takes part in scenarios. | 185 |



Tahoma Premium


Repeater io



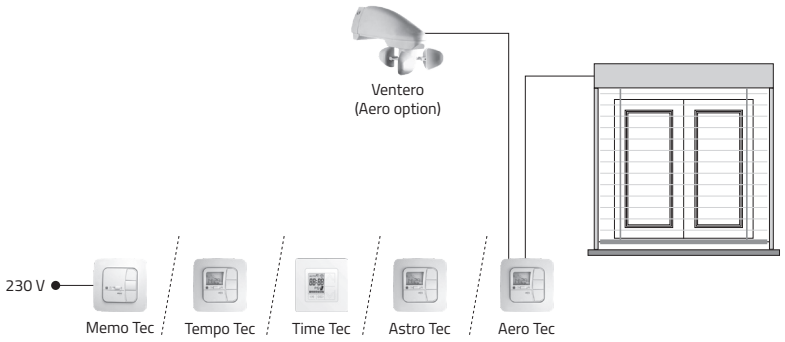
Connexoon

Other Somfy products available at individual request.

## THE SYSTEM:

All types of roller shutters and sun protection devices can be operated with ProLine system. The solution is comfortable, uniform and intuitive.

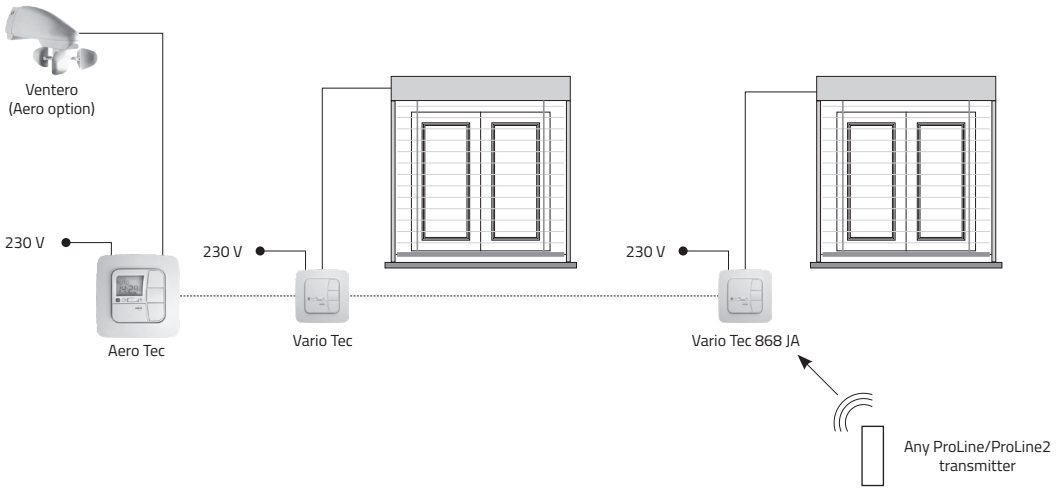
| Name of product | Description of product | Price |
|---|---|---|
| **Memo Tec** | Manual control, Up/Stop/Down buttons.<br>An intelligent switch with which an individual daily and weekly switching time can be programmed. Medium and ventilation options. | 63 |
| **Tempo Tec** | Manual control, Up/Stop/Down buttons.<br>The hardwired timer opens the blind at fixed times and automatically closes it at sunset or at fixed times. Multilingual display (15 languages).<br>Universally applicable Astro function.<br>Automatically switches from summer to winter time and back.<br>Presence simulation mode. | 82 |
| **Time Tec** | Up/Stop/Down buttons for manual control.<br>User-friendly timer.<br>Manual/Automatic mode switch. | 48 |
| **Astro Tec** | Individual switching times or manual operation, Up/Stop/Down buttons.<br>Multilingual display (15 languages).<br>Universally applicable Astro function.<br>Automatically switches from summer to winter time and back.<br>Presence simulation mode.<br>Once coupled with Lumo sensor, AstroTec hardwired timer automatically moves the blind according to the sunrise and sunset times. | 86 |
| **Aero Tec** | Up/Stop/Down buttons for manual control of the motor.<br>Multilingual display (15 lgs). Comfortable timer.<br>Weather sensors – compatible. | 99 |
| **Wind sensor Ventero** | Wind sensor systematically measuring wind speed. For more protection against wind. Convenient setting of wind threshold values. Power supplied from the control unit.<br>**Please note: the wind sensor must be mounted in a location enabling it to take accurate measurements.** | 74 |
| **Sun and Wind sensor Aero** | Wind and sun sensor systematically measuring light intensity and wind speed. Convenient setting of light intensity and wind threshold values. Power supplied from the control unit.<br>**Please note: the wind sensor must be mounted in a location enabling it to take accurate measurements.** | 99 |
| **Sun sensor Lumero** | Lumero solar-powered radio light sensor with integrated solar cells systematically measures light intensity. Convenient setting of light intensity and wind threshold values. Power supplied from the control unit.<br>**Please note: the wind sensor must be mounted in a location enabling it to take accurate measurements.** | 46 |



## DESCRIPTION OF THE SYSTEM:

All types of roller shutters and sun protection devices can be operated with ProLine system. The solution is comfortable, uniform and intuitive. Individual or group control is possible thanks to various controllers joined by a low voltage circuit.

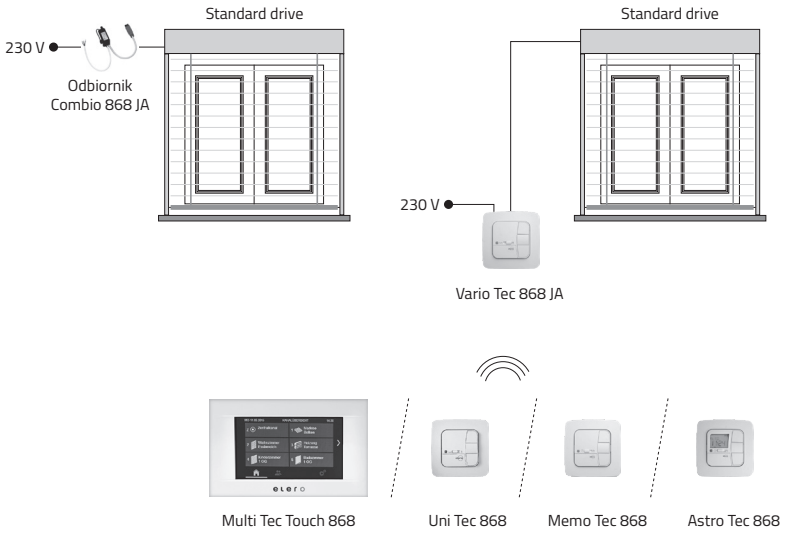
| Name of product | Description of product | Price |
|---|---|---|
| **Mono Tec** | Wall-mounted transmitter used as a universal central and group button for comfort controls. Possibility to control two groups independently.<br>**Please note: do not connect directly to motor.** | 31 |
| **Vario Tec** | Manually operated; Up/Stop/Down push-buttons. Manual/Automatic sliding switch. Can be used as an individual, group or central control unit. Operates on the basis of manual or external control commands. Two intermediate positions can be programmed. | 77 |
| **Vario Tec 868 JA** | Operates on the basis of manual or external control commands; a built-in radio receiver<br>Up/Stop/Down push-buttons.<br>Two intermediate positions can be programmed (intermediate and ventilation position). | 117 |
| **Aero Tec** | Up/Stop/Down buttons for manual control of the motor.<br>Multilingual display (15 lgs). Comfortable timer.<br>Weather sensors – compatible. | 99 |
| **Wind sensor Ventero** | Wind sensor systematically measuring wind speed. For more protection against wind. Convenient setting of wind threshold values. Power supplied from the control unit.<br>**Please note: the wind sensor must be mounted in a location enabling it to take accurate measurements.** | 74 |
| **Sun and Wind sensor Aero** | Wind and sun sensor systematically measuring light intensity and wind speed. Convenient setting of light intensity and wind threshold values. Power supplied from the control unit.<br>**Please note: the wind sensor must be mounted in a location enabling it to take accurate measurements.** | 99 |
| **Sun sensor Lumero** | Lumero solar-powered radio light sensor with integrated solar cells systematically measures light intensity. Convenient setting of light intensity. Power supplied from the control unit.<br>**Please note: the wind sensor must be mounted in a location enabling it to take accurate measurements.** | 46 |



## DESCRIPTION OF THE SYSTEM:

ProLine and ProLine2 bidirectional radio control systems from elero offer flexibility and hassle-free setup. Bidirectional transceivers receive, confirm and transmit signals. Radio commands are forwarded to radio receivers which otherwise might be out of range (routing); also the user can directly see the status of signal processing on the hand-held transmitter. The design of all devices is modern, yet timeless.

| | Name of product | Description of product | Price |
|---|---|---|---|
| RECEIVERS | **Vario Tec 868 JA** | Operates on the basis of manual or external control commands; a built-in radio receiver<br>Up/Stop/Down push-buttons.<br>Two intermediate positions can be programmed (intermediate and ventilation position). | 117 |
| | **Combio 868 JA Puls** | A built-in, radio receiver to control external venetian blind drive.<br>Compatible with all ProLine and ProLine2 transmitters.<br>Precise setting of the slats through pulse operation (pulse duration adjustable).<br>To be mounted inside the box, IP 56.<br>Plug compatible with Tubular RM and RevoLine drives. | 86 |
| | **Invio 868** | A built-in, 1-channel, flush-mount radio transmitter suitable for all ProLine radio receivers.<br>Power supply - 230 V Can be controlled by commercially available venetian blind buttons.<br>Can control one or more receivers simultaneously. | 104 |
| | **Revio 868** | A flush-mounted radio receiver for tubular and venetian blind motors, can be controlled by all ProLine and ProLine2 transmitters.<br>Up/Down switch can be connected.<br>Mounted in an IP 20 (60x60) flush-mounted panel box. | 104 |
| ON-WALL TRANSMITTERS | **Uni Tec 868** | Battery-powered, 1-channel, wall-mounted radio transmitter.<br>Can control one or more receivers simultaneously.<br>Features manual/automatic switching.<br>Simple mount, no switch box. | 51 |
| | **Memo Tec 868** | Battery-powered, 1-channel, wall-mounted radio transmitter.<br>An intelligent switch to program an individual daily and weekly switching time with (max. 2 switching times/24hrs). Can control one or more receivers simultaneously.<br>Features manual/automatic switching.<br>Simple mount, no switch box. | 89 |
| | **Astro Tec 868** | Battery-powered, 1-channel, wall-mounted radio transmitter with integrated timer with Astro function.<br>Can control one or more receivers simultaneously. Simple mount, no switch box.<br>Manual control with Up/Stop/Down push-buttons.<br>Multilingual display (15 languages). User friendly timer, Astro function (opening/closing of the blinds according to sunrise/sunset times).<br>Automatically switches to summer/winter time and back. | 122 |
| | **Multi Tec Touch 868** | 20 single channels, 5 groups, 1 central channel.<br>Intuitive touch screen with transparent interface.<br>Globally applicable Astro program. Summer/winter time switched automatically. | 394 |



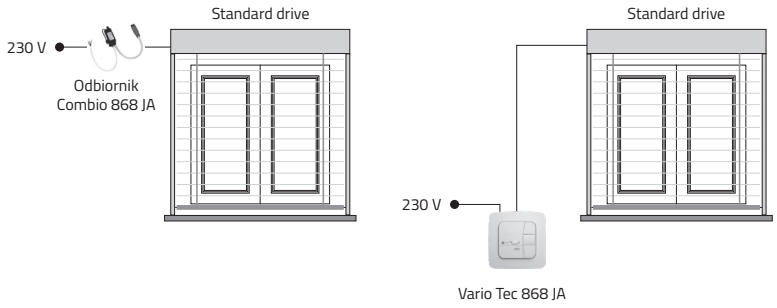

**RELIABLE FEEDBACK**

"ProLine2" radio transmitters receive feedback from the receiver confirming the reception of the signal transmitted. Should the transmission fail (despite being repeated automatically) due to receiver's fault, LED light turns red.

**ROUTING**

A great advantage of the ProLine 2 bi-directional radio system is its routing function, which ensures that the radio signals are transmitted via another radio receiver if the direct path to the electrical drive is not possible, e.g. due to reflecting walls.

| | Name of product | Description of product | Price |
|---|---|---|---|
| | **Centero** | For operating your entire building technology, simply and intuitively.<br>Thanks to the specially developed App, in which the programmed devices appear automatically, several users can access the Centero in parallel via smartphone or tablet.<br>Bi-directional radio connection; free app; encrypted data transfer.<br>Easy to install. | 788 |
| PILOTY PROLINE 2 | **Solo Tel 2** | Battery-powered, single-channel radio transmitter (hand-held/ wall-mounted).<br>Large buttons for comfortable operation.<br>Individual and group control; simple mount, no switch box.<br>Can be used uni- and bidirectionally.<br>Colours available: white, silver, black. | 28 |
| | **Mono Tel 2** | Battery-powered, single-channel, hand-held radio transmitter; used both uni- and bidirectionally.<br>Can be used as an individual, group or central transmitter.<br>Large Up/Down/Stop buttons.<br>LED indicator, magnetic wall holder.<br>Colours available: white, silver, anthracite. | 56 |
| | **Lumero Tel 2** | Battery-powered, single channel hand-held radio transmitter with three Up/Stop/Down buttons. Manual/ Automatic operation select button; when the radio command is successfully performed, the circural light lights up green.<br>Magnetic wall holder, feedback commands (bidirectional).<br>Colours available: white, silver, anthracite. | 66 |
| | **Vario Tel 2** | Battery-powered, 5-channel, hand-held radio transmitter (5 individual channels, 1 central channel).<br>Large Up/Stop/Down buttons.<br>LED indicator, magnetic wall holder.<br>Every channel can be operated manually or automatically.<br>Feedback commands (bidirectional). | 79 |
| | **Tempo Tel 2** | Battery-powered, 10+1 channel hand-held radio-transmitter (10 single channels, 2 group channels, 1 central channel).<br>Large Up/Stop/Down buttons; transmitted and feedback commands are visualised via a LED; 7 languages.<br>Easy operation (joystick). Integrated timer with Astro function and holiday programme.<br>Daily and weekly switching time. Feedback commands (bidirectional).<br>Colours available: white, silver, anthracite. | 109 |
| | **Multi Tel 2** | Battery-powered, multi channel (15) hand-held radio transmitter (15 individual channels, 2 sub group channels, 1 master group channel).<br>Large Up/Stop/Down buttons for easy operation.<br>Transmitted and feedback commands are visualised via a LED. Easy operation (joystick); 7 languages. Feedback commands (bidirectional).<br>Colours available: white, silver, anthracite.<br>Please note: not compatible with ProLine system. | 109 |



| | Name of product | Description of product | Price |
|---|---|---|---|
| PROLINE2 RADIO TRANSMITTERS | **MonoCom 1** | Battery-operated, 1-channel remote control.<br>Easy to use Up/Stop/Down buttons.<br>LED status indicator.<br>Wall holder.<br>Feedback signal (bidirectional).<br>Colour: white. | 58 |
| | **MonoCom 1 Slide** | Battery-operated, 1-channel remote control.<br>Easy to use Up/Stop/Down buttons.<br>Slider for additional control over the movement of the blind.<br>LED status indicator.<br>Wall holder.<br>Feedback signal (bidirectional).<br>Colour: white. | 63 |
| | **VarioCom 6** | Battery-operated, 6-channel remote control.<br>Easy to use Up/Stop/Down buttons.<br>Every channel can be operated manually or automatically.<br>LED status indicator.<br>Wall holder.<br>Feedback signal (bidirectional).<br>Colour: white. | 82 |
| | **VarioCom 6 Slide** | Battery-operated, 6-channel remote control.<br>Easy to use Up/Stop/Down buttons.<br>Slider for additional control over the movement of the blind.<br>Every channel can be operated manually or automatically.<br>LED status indicator.<br>Wall holder.<br>Feedback signal (bidirectional).<br>Colour: white. | 86 |
| TRANSMITTERS | **MonoTec 868** | Battery-operated, 1-channel, on-wall transmitter.<br>Controls one or several transmitters (simultaneously).<br>Simple mount, no switch box.<br>Feedback signal (bidirectional).<br>Colour: white. | 41 |

MonoCom 1

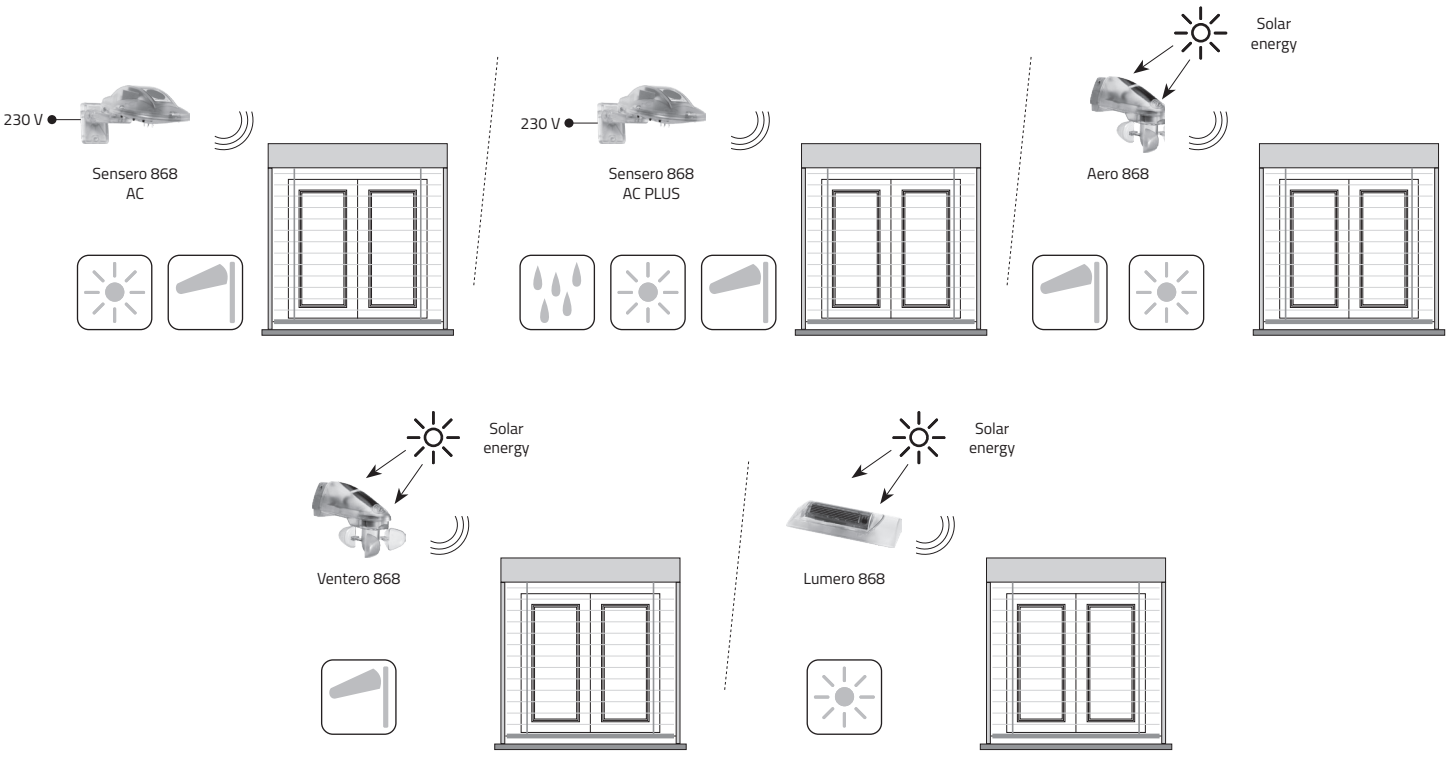
MonoCom 1 Slide

VarioCom 6

VarioCom 6 Slide

MonoTec 868

| Name of product | Description of product | Price |
|---|---|---|
| **Sun and Wind sensor Sensero 868 AC** | A light, wind and rain radio sensor. With light, twilight and wind function, depending on requirements. Power supply 230V.<br>Wireless communication with radio drive and/or radio receiver. ProLine and ProLine2 compatible.<br>Convenient setting of wind and light threshold values.<br>Innovative flow sensor to measure wind speed.<br>**Please note: the sensor must be mounted in a location enabling it to take accurate measurements.** | 163 |
| **Sun and Wind sensor Sensero 868 AC PLUS** | A light, wind and rain radio sensor.<br>Light, twilight and wind function and additional rain sensor.<br>Power supply 230V.<br>Wireless communication with radio drive and/or radio receiver. ProLine and ProLine2 compatible.<br>Convenient setting of wind and light threshold values. Innovative flow sensor to measure wind speed.<br>**Please note: the sensor must be mounted in a location enabling it to take accurate measurements.** | 254 |
| **Sun and Wind sensor Aero 868** | Light and wind sensor. Integrated solar cells provide the power to run the unit.<br>Wireless communication with radio drive and/or radio receiver.<br>Convenient setting of wind and light threshold values.<br>**Please note: the sensor must be mounted in a location enabling it to take accurate measurements.** | 219 |
| **Sun and Wind sensor Aero 868 AC** | Sun and wind sensor.<br>Power supply 230V.<br>Wireless communication with radio-controlled motor and/or radio receiver.<br>ProLine, ProLine2 – compatible.<br>Easy setting of wind speed and light intensity threshold values.<br>**Please note: the sun and wind sensor must be mounted in a location enabling it to take accurate measurements.** | 226 |
| **Wind sensor Ventero 868** | Solar powered wind sensor; integrated solar cells provide the power to run the unit.<br>Wireless communication with radio drive and/or radio receiver.<br>Convenient setting of wind threshold values.<br>**Please note: the sensor must be mounted in a location enabling it to take accurate measurements.** | 183 |
| **Sun sensor Lumero 868** | Solar powered, radio operated light sensor.<br>Integrated solar cells provide the power to run the unit.<br>Wireless communication with radio drive and/or radio receiver.<br>Convenient setting of light threshold values.<br>**Please note: the sensor must be mounted in a location enabling it to take accurate measurements.** | 112 |



1. Prices are in Euros (EUR); they are net prices per unit – pc, set (i.e. they do not include VAT).
2. All prices are suggested purchase prices. The Buyer is entitled to a discount in accordance with previously fixed arrangements.
3. Prices do not include the cost of installation.
4. Price lists refer to standard versions of products only.
5. Prices of external sun protection systems do not include the price of screws and pins necessary for installation.
6. If the size required exceeds the one in the price list, the price of the product of the next size will apply (eg. the size: 510 mm x 1290 mm will be treated as 600 mm x 1300 mm and charged likewise).
7. All extra charges included in the price list are to be added to net prices. Discounts will be offered on all extra charges as well as on additional equipment and accessories.
8. Prices are valid from the date specified on page 1 of the price list.
9. The prices are valid from 15.06.2020 until further notice.
10. For orders placed later than 11.00 am the time of delivery is counted from the next working day.
11. Drawings in the price list are for illustration purposes only.

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