

EXTERNAL BLINDS **ZF3000**



COLOURS

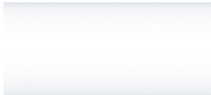
WHITE		RAL 9016
BEIGE		VSR 240
LIGHT GRAY		RAL 7035
BLACK		RAL 9005
SILVER		RAL 9006
GRAY ALUMINIUM		RAL 9007
ANTHRACITE		RAL 7016
STEEL ANTHRACITE		DB 703
OLIVE		VSR 780

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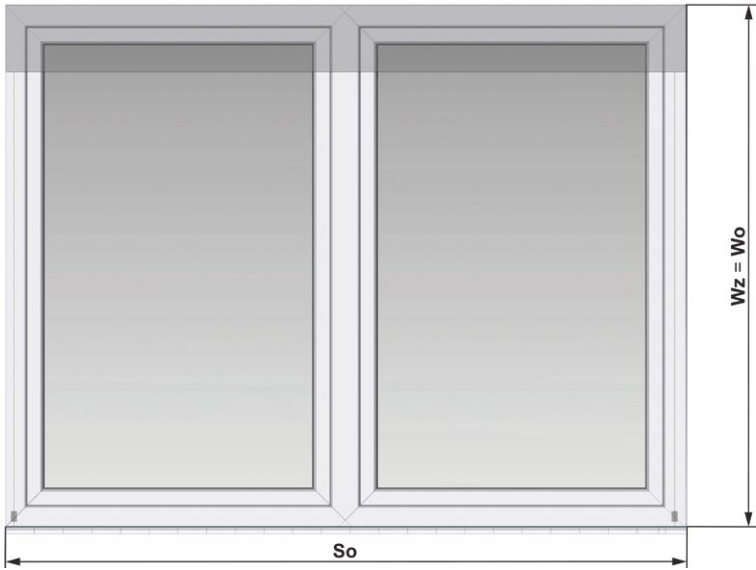
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ZF3000 EXTERNAL BLIND

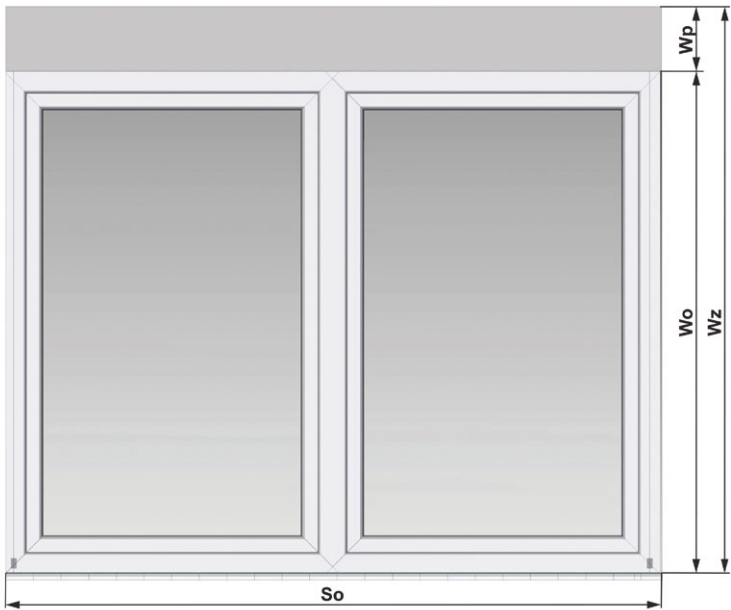
DIMENSIONING - CORD LEADING

INSTALLATION IN THE WINDOW RECESS



Sz - blind width (slat width)
So - hole width
Wz - blind height
Wo - hole height
Sz = So - installation clearance (1 cm per side)
Wz = Wo

INSTALLATION ON THE FACADE/FLUSH-MOUNTED



Sz - blind width (slat width)
So - hole width
Wz - blind height
Wo - hole height
Wp - package height
Wbo - height of the safety plate
Wz = Wo + Wp* or **Wz = Wbo**
INSTALLATION ON THE FACADE:
Sz = So + slat overlap on the facade
FLUSH-MOUNTED:
Sz = window width**

NOTE

IN THE CASE OF INSTALLATION IN THE WINDOW RECESS, MAKE SURE THE RECESS WIDTH AND HEIGHT ARE EQUAL IN ALL POINTS. IF THEY ARE DIFFERENT, ASSUME THE DIMENSION OF THE MINIMUM OR MAKE A PROPER CORRECTION OF THE HOLE.

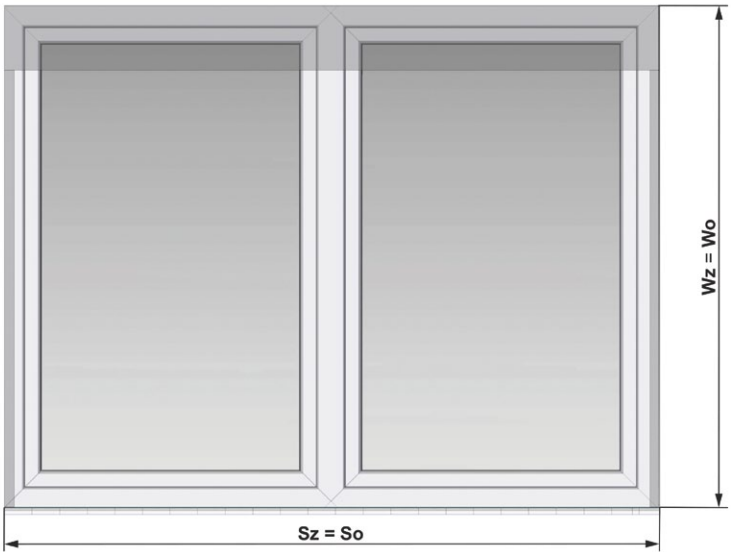
* - When adding the package height and subsequent adding a higher safety plate - the plate may enter the frame opening/hole.
 ** - It is recommended to take into account the installation clearance for free operation of the blind.



ZF3000 EXTERNAL BLIND

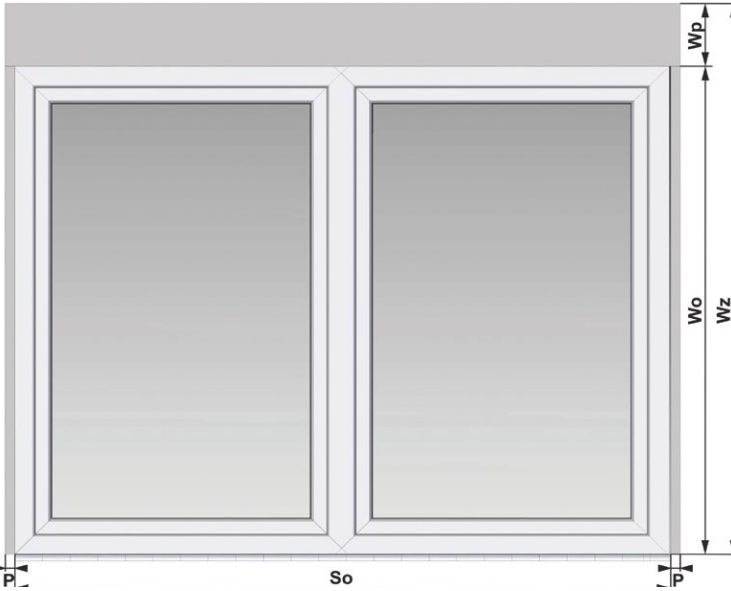
DIMENSIONING - ALUMINIUM GUIDES

INSTALLATION IN THE WINDOW RECESS



Sz - blind width
So - hole width
Wz - blind height
Wo - hole height
Sz = So
Wz = Wo

INSTALLATION ON THE FACADE/FLUSH-MOUNTED



Sz - blind width (slat width)
So - hole width
Wz - blind height
Wo - hole height
Wp - package height
P - guide width (20 mm)
Wbo - height of the safety plate
Wz = Wo + Wp* or **Wbo**
Sz = So + 2 x P
FLUSH-MOUNTED:
Sz = window width**

NOTE
 IN THE CASE OF INSTALLATION IN THE WINDOW RECESS, MAKE SURE THE RECESS WIDTH AND HEIGHT ARE EQUAL IN ALL POINTS.
 IF THEY ARE DIFFERENT, ASSUME THE DIMENSION OF THE MINIMUM OR MAKE A PROPER CORRECTION OF THE HOLE.

* - When adding the package height and subsequent adding a higher safety plate - the plate may enter the frame opening/hole.
 ** - It is recommended to take into account the installation clearance for free processing of wood elements.



EXTRA CHARGE

Maximum area	9 m²
Minimum width	500 mm
Minimum height	600 mm
Maximum width	4000 mm
Maximum height	5000 mm
STANDARD EQUIPMENT	
Wall handles	F-US-120
Top rail handles	F-USG
Cord guide	F-PL
Cord guide lower handles	F-UDPL-80
Slat rotation	90°

SYMBOL	NAME	PRICE
F-US-100-150	Adjustable wall handle 100-150 mm	3,20 €
F-US-150-200	Adjustable wall handle 150-200 mm	3,80 €
F-US-200-250	Adjustable wall handle 200-250 mm	4,50 €
F-USG-A	Automatic top rail handle	1,25 €
F-UDPL-120	Cord guide lower handle 120 mm	1,00 €
F-UDPL-150	Cord guide lower handle 150 mm	1,25 €
F-UDPP	Cord guide lower handle attached to the floor	2,50 €
F-WN	Drive shaft connector	12,50 €
	Slat rotation 180°	4%

EXTRA CHARGE

SYMBOL	NAME	PRICE
F-FBR-010	Guide adapter for external blind	8 ,60 € /rm
F-FBR-020	Guide adapter for external blind with a spacer	10,25 € /rm
F-FBR-030	Guide for external blind for flush-mounted installation	10,00 € /rm
F-FBR-040	Guide for external blind for flush-mounted installation with a spacer	11,75 € /rm
F-RSC-340	Insert guide for external blinds	3,50 € /rm
F-PP-20	External blind single guide (with the use of the F-FBR adapter)	3,50 € /rm
F-FBD-010	Bottom plug of the F-FBR-010 guide	0 ,23 € /Pair
F-FBD-020	Bottom plug of the F-FBR-020 guide	0 ,23 € /Pair
F-FBD-030	Bottom plug of the F-FBR-030 guide	0 ,30 € /Pair
F-FBD-040	Bottom plug of the F-FBR-040 guide	0 ,30 € /Pair

The price given in the table does not include the crank mechanism.
The amount according to the price list of drives available on page 29 should be added.

The price given in the table does not include safety plates. Price list of safety plates is available on p. 24-27.

Price list of additional components for external blinds is available on p. 28.

			HANDLES MOUNTING THE HEAD RAIL														
SAFETY PLATE	PACKAGE HEIGHT	h/w	2 TOP RAIL HANDLES							3 TOP RAIL HANDLES							
			500-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400
200	200	600-1000	125	127	130	133	136	150	152	160	163	166	169	171	174	177	180
250	210	1001-1100	126	130	132	135	138	152	156	163	167	169	172	175	178	181	184
		1101-1200	130	133	137	140	143	158	161	169	173	176	179	182	185	188	192
	230	1201-1300	132	136	139	142	145	161	164	173	176	180	183	186	189	193	196
		1301-1400	134	138	141	144	148	164	167	176	180	183	187	190	194	197	200
	250	1401-1500	138	141	145	149	153	169	173	182	186	189	193	197	200	205	208
		1501-1600	140	144	148	151	155	172	176	185	189	193	197	201	205	209	213
300	260	1601-1700	142	146	150	154	158	175	179	188	193	196	200	205	209	213	217
		1701-1800	145	150	154	158	163	180	184	194	199	203	207	212	216	220	225
	280	1801-1900	147	152	156	161	165	183	188	198	202	206	211	215	220	225	229
		1901-2000	151	156	160	165	170	188	193	203	208	213	218	222	227	232	237
	290	2001-2100	153	158	163	168	173	191	196	206	212	216	221	226	231	236	241
		2101-2200	155	160	165	170	175	194	200	210	215	220	225	230	235	240	245
	300	2201-2300	158	164	169	175	180	200	205	216	221	226	231	237	243	248	253
		2301-2400	161	166	172	177	182	203	208	219	225	230	236	241	246	252	257
340	310	2401-2500	164	170	175	181	187	208	213	225	231	236	242	248	254	259	265
		2501-2600	166	172	178	184	205	211	217	228	234	240	246	252	258	279	285
	330	2601-2700	168	174	180	187	207	214	220	231	237	244	250	256	262	283	289
		2701-2800	172	178	184	191	213	219	225	237	244	250	256	263	269	291	297
	340	2801-2900	174	180	187	193	215	222	229	240	247	253	260	266	273	295	302
		2901-3000	177	184	191	198	220	227	234	246	253	260	267	273	280	303	310
370	360	3001-3100	179	186	193	200	223	230	237	250	256	263	270	277	284	307	314
		3101-3200	181	188	195	203	226	233	240	253	260	267	274	281	288	312	319
	370	3201-3300	185	192	200	207	232	238	246	258	266	273	281	288	295	319	327
		3301-3400	187	194	202	209	235	242	249	262	269	277	284	292	300	324	331
440	390	3401-3500	189	197	204	212	237	244	252	265	273	281	288	296	303	328	336
		3501-3600	193	200	208	234	243	250	257	271	279	287	295	320	328	336	344
		3601-3700	194	203	211	237	245	253	261	274	282	290	299	324	332	340	349
	400	3701-3800	198	206	215	241	250	258	266	280	288	297	305	331	340	348	
		3801-3900	201	210	218	245	253	262	270	284	293	301	310	337	345	354	
	420	3901-4000	203	212	220	248	256	265	274	288	296	305	313	341	349		
		4001-4100	206	216	225	252	261	270	279	294	302	311	320	348			
	430	4101-4200	209	218	227	255	263	273	282	297	306	315	324	352			
		4201-4300	212	222	231	259	269	278	288	302	312	321	331				
	440	4301-4400	214	224	233	262	271	281	291	306	315	325	334				
480	460	4401-4500	216	226	236	265	274	284	294	309	319	328	338				
		4501-4600	220	230	240	269	279	289	300	315	325	335					
	470	4601-4700	222	232	242	272	282	293	303	318	328	338					
		4701-4800	225	236	246	277	287	298	308	324	334						
	480	4801-4900	227	238	249	280	290	301	311	327	338						
		4901-5000	230	240	251	282	293	304	314	331	341						

	HANDLES MOUNTING THE HEAD RAIL														
	4 TOP RAIL HANDLES									5 TOP RAIL HANDLES					
2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600	3601-3700	3701-3800	3801-3900	3901-4000
199	202	205	207	210	213	221	224	226	234	248	251	254	256	265	268
204	206	210	213	215	218	226	229	232	240	255	257	260	263	272	275
212	215	219	222	225	228	236	239	243	251	266	269	272	275	284	288
217	220	223	227	230	233	242	245	249	257	272	276	279	282	291	294
221	225	228	232	235	239	247	251	254	263	279	282	286	289	298	301
230	233	237	241	245	249	257	261	265	274	290	294	298	301	311	314
234	238	242	246	250	254	263	267	271	280	297	300	305	308	318	321
239	243	247	251	256	259	269	273	277	286	303	307	311	315	325	329
247	252	256	261	265	269	279	283	287	297	314	319	323	327	337	342
252	256	261	266	270	275	284	288	293	303	321	325	330	334	344	349
260	265	270	275	280	284	294	299	304	314	332	337	342	346	356	362
265	270	275	280	285	290	300	305	310	320	338	344	349	353	363	369
270	275	280	285	290	295	305	310	315	326	345	350	355	360	370	375
278	283	289	294	300	305	315	321	326	337	356	362	367	372	383	
283	288	294	300	305	310	321	326	332	343	363	368	374			
291	297	303	308	314	320	331	337	343	354	374	380				
296	302	308	313	319	325	337	357	363	375						
300	306	313	319	325	331	342	363	369							
309	315	322	328	334	341	352	374								
313	320	326	333	339	346	357									
322	329	335	342	349	356										
326	333	340	347	354											
331	338	345	352												
339	347	354													
344	352														
349															
357															

EXTRA CHARGE

Maximum area	16 m²
Minimum width	600 mm
Minimum height	600 mm
Maximum width	4000 mm
Maximum height	5000 mm

STANDARD EQUIPMENT

Wall handles	F-US-120
Top rail handles	F-USG
Cord guide	F-PL
Cord guide lower handles	F-UDPL-80
Slat rotation	90°

SYMBOL	NAME	PRICE
F-US-100-150	Adjustable wall handle 100-150 mm	3,20 €
F-US-150-200	Adjustable wall handle 150-200 mm	3,80 €
F-US-200-250	Adjustable wall handle 200-250 mm	4,50 €
F-USG-A	Automatic top rail handle	1,25 €
F-UDPL-120	Cord guide lower handle 120 mm	1,00 €
F-UDPL-150	Cord guide lower handle 150 mm	1,25 €
F-UDPP	Cord guide lower handle attached to the floor	2,50 €
F-WN	Drive shaft connector	12,50 €
	Slat rotation 180°	4%

EXTRA CHARGE

SYMBOL	NAME	PRICE
F-FBR-010	Guide adapter for external blind	8 ,60 € /rm
F-FBR-020	Guide adapter for external blind with a spacer	10,25 € /rm
F-FBR-030	Guide for external blind for flush-mounted installation	10,00 € /rm
F-FBR-040	Guide for external blind for flush-mounted installation with a spacer	11,75 € /rm
F-RSC-340	Insert guide for external blinds	3,50 € /rm
F-PP-20	External blind single guide (with the use of the F-FBR adapter)	3,50 € /rm
F-FBD-010	Bottom plug of the F-FBR-010 guide	0 ,23 € /Pair
F-FBD-020	Bottom plug of the F-FBR-020 guide	0 ,23 € /Pair
F-FBD-030	Bottom plug of the F-FBR-030 guide	0 ,30 € /Pair
F-FBD-040	Bottom plug of the F-FBR-040 guide	0 ,30 € /Pair

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HANDLES MOUNTING THE HEAD RAIL

SAFETY PLATE	PACKAGE HEIGHT	h/w	2 TOP RAIL HANDLES							3 TOP RAIL HANDLES							
			600-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400
200	200	600-1000	125	127	130	133	136	150	152	160	163	166	169	171	174	177	180
250	210	1001-1100	126	130	132	135	138	152	156	163	167	169	172	175	178	181	184
		1101-1200	130	133	137	140	143	158	161	169	173	176	179	182	185	188	192
		1201-1300	132	136	139	142	145	161	164	173	176	180	183	186	189	193	196
	230	1301-1400	134	138	141	144	148	164	167	176	180	183	187	190	194	197	200
		1401-1500	138	141	145	149	153	169	173	182	186	189	193	197	200	205	208
		1501-1600	140	144	148	151	155	172	176	185	189	193	197	201	205	209	213
300	260	1601-1700	142	146	150	154	158	175	179	188	193	196	200	205	209	213	217
		1701-1800	145	150	154	158	163	180	184	194	199	203	207	212	216	220	225
		1801-1900	147	152	156	161	165	183	188	198	202	206	211	215	220	225	229
	280	1901-2000	151	156	160	165	170	188	193	203	208	213	218	222	227	232	237
		2001-2100	153	158	163	168	173	191	196	206	212	216	221	226	231	236	241
		2101-2200	155	160	165	170	175	194	200	210	215	220	225	230	235	240	245
	300	2201-2300	158	164	169	175	180	200	205	216	221	226	231	237	243	248	253
		2301-2400	161	166	172	177	182	203	208	219	225	230	236	241	246	252	257
340	310	2401-2500	164	170	175	181	187	208	213	225	231	236	242	248	254	259	265
		2501-2600	166	172	178	184	205	211	217	228	234	240	246	252	258	279	285
		2601-2700	168	174	180	187	207	214	220	231	237	244	250	256	262	283	289
	330	2701-2800	172	178	184	191	213	219	225	237	244	250	256	263	269	291	297
		2801-2900	174	180	187	193	215	222	229	240	247	253	260	266	273	295	302
		2901-3000	177	184	191	198	220	227	234	246	253	260	267	273	280	303	310
370	360	3001-3100	179	186	193	200	223	230	237	250	256	263	270	277	284	307	314
		3101-3200	181	188	195	203	226	233	240	253	260	267	274	281	288	312	319
	370	3201-3300	185	192	200	207	232	238	246	258	266	273	281	288	295	319	327
3301-3400	187	194	202	209	235	242	249	262	269	277	284	292	300	324	331		
440	390	3401-3500	189	197	204	212	237	244	252	265	273	281	288	296	303	328	336
		3501-3600	193	200	208	234	243	250	257	271	279	287	295	320	328	336	344
		3601-3700	194	203	211	237	245	253	261	274	282	290	299	324	332	340	349
	400	3701-3800	198	206	215	241	250	258	266	280	288	297	305	331	340	348	356
		3801-3900	201	210	218	245	253	262	270	284	293	301	310	337	345	354	362
		3901-4000	203	212	220	248	256	265	274	288	296	305	313	341	349	358	367
	430	4001-4100	206	216	225	252	261	270	279	294	302	311	320	348	356	366	375
		4101-4200	209	218	227	255	263	273	282	297	306	315	324	352	361	370	379
		4201-4300	212	222	231	259	269	278	288	302	312	321	331	359	369	378	387
	440	4301-4400	214	224	233	262	271	281	291	306	315	325	334	363	373	382	392
480	460	4401-4500	216	226	236	265	274	284	294	309	319	328	338	367	377	387	396
		4501-4600	220	230	240	269	279	289	300	315	325	335	344	375	384	394	404
		4601-4700	222	232	242	272	282	293	303	318	328	338	349	379	388	399	409
	470	4701-4800	225	236	246	277	287	298	308	324	334	344	355	386	396	406	417
		4801-4900	227	238	249	280	290	301	311	327	338	348	359	390	400	411	421
	480	4901-5000	230	240	251	282	293	304	314	331	341	352	363	394	405	415	426

HANDLES MOUNTING THE HEAD RAIL

	4 TOP RAIL HANDLES										5 TOP RAIL HANDLES					
2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600	3601-3700	3701-3800	3801-3900	3901-4000	
199	202	205	207	210	213	221	224	226	234	248	251	254	256	265	268	
204	206	210	213	215	218	226	229	232	240	255	257	260	263	272	275	
212	215	219	222	225	228	236	239	243	251	266	269	272	275	284	288	
217	220	223	227	230	233	242	245	249	257	272	276	279	282	291	294	
221	225	228	232	235	239	247	251	254	263	279	282	286	289	298	301	
230	233	237	241	245	249	257	261	265	274	290	294	298	301	311	314	
234	238	242	246	250	254	263	267	271	280	297	300	305	308	318	321	
239	243	247	251	256	259	269	273	277	286	303	307	311	315	325	329	
247	252	256	261	265	269	279	283	287	297	314	319	323	327	337	342	
252	256	261	266	270	275	284	288	293	303	321	325	330	334	344	349	
260	265	270	275	280	284	294	299	304	314	332	337	342	346	356	362	
265	270	275	280	285	290	300	305	310	320	338	344	349	353	363	369	
270	275	280	285	290	295	305	310	315	326	345	350	355	360	370	375	
278	283	289	294	300	305	315	321	326	337	356	362	367	372	383	388	
283	288	294	300	305	310	321	326	332	343	363	368	374	379	390	395	
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322	329	335	342	349	356	368	390	397	409	416	423	430	437	449	456	
326	333	340	347	354	361	373	396	403	416	423	430	437	444	456	462	
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381	389	398	406	434	442	457	466	475	488	497	506	514	523	537	546	
389	398	407	416	444	452	467	476	485	500	508	518	526	535	550		
394	403	412	421	449	458	473	482	491	506	515	524	533	542			
402	411	421	430	458	468	483	493	502	517	526	536	545				
406	416	425	435	464	474	489	499	508	523	532	542					
411	421	431	440	469	479	495	505	514	529	539						
419	430	439	450	479	489	505	515	525	540							
424	434	444	455	485	495	511	521	531	547							
432	443	453	464	494	505	521	531	542								
437	448	458	469	500	511	527	538									
442	453	463	474	506	516	533	544									

EXTRA CHARGE

Maximum area	9 m²
Minimum width	500 mm
Minimum height	600 mm
Maximum width	4500 mm
Maximum height	5000 mm

STANDARD EQUIPMENT

Wall handles	F-US-120
Top rail handles	F-USG
Guides	F-PP-20
Aluminium guide handles	F-UPP-50-70
Slat rotation	90°

SYMBOL	NAME	PRICE
F-US-100-150	Adjustable wall handle 100-150 mm	3,20 €
F-US-150-200	Adjustable wall handle 150-200 mm	3,80 €
F-US-200-250	Adjustable wall handle 200-250 mm	4,50 €
F-USG-A	Automatic top rail handle	1,25 €
F-UPP-71-100	Straight guide handle 71-100 mm	0,75 €
F-UPP-101-145	Straight guide handle 101-145 mm	1,63 €
F-UPT-50-70	Telescopic guide handle 50-70 mm	6,00 €
F-UPT-71-105	Telescopic guide handle 71-105 mm	7,25 €
F-UPT-106-170	Telescopic guide handle 106-170 mm	10,00 €
F-UPT-171-295	Telescopic guide handle 171-295 mm	12,38 €
F-UPU-25	Universal telescopic guide handle 25 (50-60 mm)	0,83 €
F-UPU-35	Universal telescopic guide handle 35 (60-70 mm)	1,00 €
F-UPU-45	Universal telescopic guide handle 45 (70-90 mm)	1,20 €
F-UPU-65	Universal telescopic guide handle 65 (90-130 mm)	1,55 €
F-WN	Drive shaft connector	12,50 €
	Slat rotation 180°	4%

EXTRA CHARGE

SYMBOL	NAME	PRICE
F-FBR-010	Guide adapter for external blind	8 ,60 € /rm
F-FBR-020	Guide adapter for external blind with a spacer	10,25 € /rm
F-FBR-030	Guide for external blind for flush-mounted installation	10,00 € /rm
F-FBR-040	Guide for external blind for flush-mounted installation with a spacer	11,75 € /rm
F-RSC-340	Insert guide for external blinds	3,50 € /rm
F-PP-20	External blind single guide (with the use of the F-FBR adapter)	3,50 € /rm
F-FBD-010	Bottom plug of the F-FBR-010 guide	0 ,23 € /Pair
F-FBD-020	Bottom plug of the F-FBR-020 guide	0 ,23 € /Pair
F-FBD-030	Bottom plug of the F-FBR-030 guide	0 ,30 € /Pair
F-FBD-040	Bottom plug of the F-FBR-040 guide	0 ,30 € /Pair

The price given in the table does not include the crank mechanism.
The amount according to the price list of drives available on page 29 should be added.

The price given in the table does not include safety plates. Price list of safety plates is available on p. 24-27.

Price list of additional components for external blinds is available on p. 28.

HANDLES MOUNTING THE HEAD RAIL

SAFETY PLATE	PACKAGE HEIGHT	h/w	2 TOP RAIL HANDLES							3 TOP RAIL HANDLES							
			500-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400
200	200	600-1000	124	127	130	132	135	149	152	160	163	165	168	171	174	176	179
250	210	1001-1100	127	130	133	136	138	153	156	164	167	170	173	175	179	181	184
		1101-1200	131	134	138	141	144	159	162	170	174	177	180	183	187	190	193
	230	1201-1300	134	138	141	144	147	163	166	175	178	181	185	188	191	194	198
		1301-1400	137	140	144	147	150	166	170	179	182	186	189	193	196	200	203
	250	1401-1500	150	154	158	162	165	181	185	194	198	202	206	209	213	217	221
		1501-1600	153	157	161	165	169	185	189	198	202	206	210	214	218	222	226
300	260	1601-1700	156	160	164	168	172	189	193	202	206	211	214	219	223	227	231
		1701-1800	160	164	169	173	177	195	199	209	213	218	222	226	231	235	239
		1801-1900	163	167	172	176	181	199	203	213	218	222	226	231	236	240	244
	280	1901-2000	167	172	177	181	187	205	210	219	225	229	234	239	244	248	253
		2001-2100	170	175	180	185	190	208	213	224	229	233	238	244	248	253	258
	290	2101-2200	173	178	183	188	193	212	217	228	233	238	243	248	253	258	263
		2201-2300	177	182	188	193	199	218	224	234	240	245	250	256	261	266	272
	300	2301-2400	180	185	191	196	202	222	227	238	244	249	255	260	266	271	277
		2401-2500	194	199	205	211	217	237	243	254	260	266	271	277	283	289	294
340	310	2501-2600	196	202	208	214	235	241	247	258	264	270	276	282	288	309	314
		2601-2700	199	205	211	217	238	244	250	262	268	274	280	286	293	314	320
	330	2701-2800	203	210	216	222	244	250	257	269	275	281	288	294	300	322	329
		2801-2900	206	213	219	225	248	254	261	273	279	286	292	299	305	327	334
	340	2901-3000	210	217	224	231	254	260	267	279	286	293	300	306	313	336	343
370	360	3001-3100	213	220	227	234	257	264	271	283	290	297	304	311	318	341	348
		3101-3200	216	223	230	237	261	268	275	287	294	301	308	316	323	346	353
	370	3201-3300	220	228	235	243	268	274	281	294	301	309	316	324	331	355	362
		3301-3400	223	231	238	245	271	277	285	298	306	313	320	328	336	360	368
440	390	3401-3500	235	243	250	258	284	290	298	311	319	326	334	342	350	374	382
		3501-3600	239	247	255	281	289	296	304	318	325	333	342	367	375	383	391
	400	3601-3700	242	250	258	284	293	300	308	322	330	338	346	372	380	388	396
		3701-3800	246	255	263	289	299	306	314	328	337	345	353	380	388	396	
	420	3801-3900	250	259	267	294	302	311	319	333	342	350	359	386	394	402	
		3901-4000	253	262	270	297	306	315	323	337	346	355	363	390	399		
	430	4001-4100	257	266	275	303	312	321	330	344	353	362	371	398			
		4101-4200	260	269	278	306	315	325	333	348	357	366	375	403			
	440	4201-4300	264	274	283	312	321	331	340	355	364	373	383				
		4301-4400	267	277	286	315	325	334	344	358	368	378	387				
480	460	4401-4500	279	289	299	328	338	347	356	372	381	391	401				
		4501-4600	283	294	303	333	343	353	363	378	388	398					
	470	4601-4700	286	296	306	337	347	357	367	382	393	402					
		4701-4800	291	301	311	342	352	363	373	389	399						
	480	4801-4900	293	304	314	345	356	367	377	393	403						
		4901-5000	296	306	318	349	360	370	381	397	407						

HANDLES MOUNTING THE HEAD RAIL

	4 TOP RAIL HANDLES										5 TOP RAIL HANDLES						6 TOP RAIL HANDLES						
2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600	3601-3700	3701-3800	3801-3900	3901-4000	4001-4100	4101-4200	4201-4300	4301-4400	4401-4500			
199	201	204	207	210	213	215	218	221	229	243	245	248	251	259	262	265	268	270	273	276	2 PAIRS	QUANTITY OF GUIDE HANDLES	
204	207	210	213	216	219	221	225	227	236	250	253	256	259	267	270	273	275	279	281	284			
213	216	219	223	226	229	232	236	239	247	262	265	269	272	280	283	287	290	293	296	300			
219	222	225	229	232	235	238	242	245	254	269	273	276	279	288	291	294	298	301	305	308			
224	227	231	234	238	241	245	248	252	261	276	280	283	287	295	299	303	306	310	313	317			
242	246	250	254	257	261	265	269	273	281	298	301	305	309	318	322	326	330	333	337	341	3 PAIRS		
248	251	256	259	263	267	271	275	279	288	305	309	313	317	326	330	334	338	342	345	350			
253	257	261	265	269	273	277	281	286	295	312	316	320	324	333	338	342	346	350	354	358			
262	267	271	275	280	284	288	293	297	307	324	329	333	337	347	351	356	360	364	369	373			
268	272	276	281	286	290	294	299	304	313	331	336	340	345	355	359	363	368	373	377	381			
277	281	287	291	296	301	306	310	315	325	344	348	353	358	368	373	378	382	387	392	397	4 PAIRS		
282	287	292	297	302	307	312	317	322	332	350	356	361	365	375	381	386	390						
288	293	298	303	308	313	318	323	328	338	358	363	368	373	383	388								
297	302	307	313	318	324	329	334	340	350	370	375	381	386	397									
302	307	313	319	324	330	335	341	346	357	377	382	388											
320	326	332	338	344	350	355	361	367	378	399	404										4 PAIRS		
326	332	338	344	350	356	362	382	388	400														
331	338	344	350	356	362	368	389	395															
340	347	353	359	366	372	379	400																
346	352	359	365	372	378	385																	
355	362	369	375	382	389																		
360	367	374	381	388																			
366	373	380	387																				
375	382	390																					
380	388																						
395																					4 PAIRS		
404																							

EXTRA CHARGE

Maximum area	16 m²
Minimum width	600 mm
Minimum height	600 mm
Maximum width	4500 mm
Maximum height	5000 mm

STANDARD EQUIPMENT

Wall handles	F-US-120
Top rail handles	F-USG
Guides	F-PP-20
Aluminium guide handles	F-UPP-50-70
Slat rotation	90°

SYMBOL	NAME	PRICE
F-US-100-150	Adjustable wall handle 100-150 mm	3,20 €
F-US-150-200	Adjustable wall handle 150-200 mm	3,80 €
F-US-200-250	Adjustable wall handle 200-250 mm	4,50 €
F-USG-A	Automatic top rail handle	1,25 €
F-UPP-71-100	Straight guide handle 71-100 mm	0,75 €
F-UPP-101-145	Straight guide handle 101-145 mm	1,63 €
F-UPT-50-70	Telescopic guide handle 50-70 mm	6,00 €
F-UPT-71-105	Telescopic guide handle 71-105 mm	7,25 €
F-UPT-106-170	Telescopic guide handle 106-170 mm	10,00 €
F-UPT-171-295	Telescopic guide handle 171-295 mm	12,38 €
F-UPU-25	Universal telescopic guide handle 25 (50-60 mm)	0,83 €
F-UPU-35	Universal telescopic guide handle 35 (60-70 mm)	1,00 €
F-UPU-45	Universal telescopic guide handle 45 (70-90 mm)	1,20 €
F-UPU-65	Universal telescopic guide handle 65 (90-130 mm)	1,55 €
F-WN	Drive shaft connector	12,50 €
	Slat rotation 180°	4%

EXTRA CHARGE

SYMBOL	NAME	PRICE
F-FBR-010	Guide adapter for external blind	8,60 € /rm
F-FBR-020	Guide adapter for external blind with a spacer	10,25 € /rm
F-FBR-030	Guide for external blind for flush-mounted installation	10,00 € /rm
F-FBR-040	Guide for external blind for flush-mounted installation with a spacer	11,75 € /rm
F-RSC-340	Insert guide for external blinds	3,50 € /rm
F-PP-20	External blind single guide (with the use of the F-FBR adapter)	3,50 € /rm
F-FBD-010	Bottom plug of the F-FBR-010 guide	0,23 € /Pair
F-FBD-020	Bottom plug of the F-FBR-020 guide	0,23 € /Pair
F-FBD-030	Bottom plug of the F-FBR-030 guide	0,30 € /Pair
F-FBD-040	Bottom plug of the F-FBR-040 guide	0,30 € /Pair

The price given in the table does not include the crank mechanism.
The amount according to the price list of drives available on page 29 should be added.

The price given in the table does not include safety plates. Price list of safety plates is available on p. 24-27.

Price list of additional components for external blinds is available on p. 28.

HANDLES MOUNTING THE HEAD RAIL

SAFETY PLATE	PACKAGE HEIGHT	h/w	2 TOP RAIL HANDLES							3 TOP RAIL HANDLES								
			600-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	
200	200	600-1000	124	127	130	132	135	149	152	160	163	165	168	171	174	176	179	
250	210	1001-1100	127	130	133	136	138	153	156	164	167	170	173	175	179	181	184	
		1101-1200	131	134	138	141	144	159	162	170	174	177	180	183	187	190	193	
	230	1201-1300	134	138	141	144	147	163	166	175	178	181	185	188	191	194	198	
		1301-1400	137	140	144	147	150	166	170	179	182	186	189	193	196	200	203	
	250	1401-1500	150	154	158	162	165	181	185	194	198	202	206	209	213	217	221	
		1501-1600	153	157	161	165	169	185	189	198	202	206	210	214	218	222	226	
300	260	1601-1700	156	160	164	168	172	189	193	202	206	211	214	219	223	227	231	
		1701-1800	160	164	169	173	177	195	199	209	213	218	222	226	231	235	239	
		1801-1900	163	167	172	176	181	199	203	213	218	222	226	231	236	240	244	
	280	1901-2000	167	172	177	181	187	205	210	219	225	229	234	239	244	248	253	
		2001-2100	170	175	180	185	190	208	213	224	229	233	238	244	248	253	258	
	290	2101-2200	173	178	183	188	193	212	217	228	233	238	243	248	253	258	263	
		2201-2300	177	182	188	193	199	218	224	234	240	245	250	256	261	266	272	
	300	2301-2400	180	185	191	196	202	222	227	238	244	249	255	260	266	271	277	
		2401-2500	194	199	205	211	217	237	243	254	260	266	271	277	283	289	294	
	340	310	2501-2600	196	202	208	214	235	241	247	258	264	270	276	282	288	309	314
2601-2700			199	205	211	217	238	244	250	262	268	274	280	286	293	314	320	
2701-2800			203	210	216	222	244	250	257	269	275	281	288	294	300	322	329	
340		2801-2900	206	213	219	225	248	254	261	273	279	286	292	299	305	327	334	
		2901-3000	210	217	224	231	254	260	267	279	286	293	300	306	313	336	343	
370	360	3001-3100	213	220	227	234	257	264	271	283	290	297	304	311	318	341	348	
		3101-3200	216	223	230	237	261	268	275	287	294	301	308	316	323	346	353	
	370	3201-3300	220	228	235	243	268	274	281	294	301	309	316	324	331	355	362	
		3301-3400	223	231	238	245	271	277	285	298	306	313	320	328	336	360	368	
440	390	3401-3500	235	243	250	258	284	290	298	311	319	326	334	342	350	374	382	
		3501-3600	239	247	255	281	289	296	304	318	325	333	342	367	375	383	391	
		400	3601-3700	242	250	258	284	293	300	308	322	330	338	346	372	380	388	396
			3701-3800	246	255	263	289	299	306	314	328	337	345	353	380	388	396	405
	420	3801-3900	250	259	267	294	302	311	319	333	342	350	359	386	394	402	411	
		3901-4000	253	262	270	297	306	315	323	337	346	355	363	390	399	408	416	
	430	4001-4100	257	266	275	303	312	321	330	344	353	362	371	398	407	416	425	
		4101-4200	260	269	278	306	315	325	333	348	357	366	375	403	412	421	431	
	440	4201-4300	264	274	283	312	321	331	340	355	364	373	383	411	420	430	439	
		4301-4400	267	277	286	315	325	334	344	358	368	378	387	416	425	435	444	
480	460	4401-4500	279	289	299	328	338	347	356	372	381	391	401	430	440	449	459	
		4501-4600	283	294	303	333	343	353	363	378	388	398	408	438	448	458	468	
		470	4601-4700	286	296	306	337	347	357	367	382	393	402	413	443	453	463	473
			4701-4800	291	301	311	342	352	363	373	389	399	410	420	451	461	472	482
	480	4801-4900	293	304	314	345	356	367	377	393	403	414	425	456	466	477	487	
		4901-5000	296	306	318	349	360	370	381	397	407	418	429	460	471	482	493	

HANDLES MOUNTING THE HEAD RAIL

4 TOP RAIL HANDLES										5 TOP RAIL HANDLES					6 TOP RAIL HANDLES						
2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600	3601-3700	3701-3800	3801-3900	3901-4000	4001-4100	4101-4200	4201-4300	4301-4400		
199	201	204	207	210	213	215	218	221	229	243	245	248	251	259	262	265	268	270	273	276	2 PAIRS
204	207	210	213	216	219	221	225	227	236	250	253	256	259	267	270	273	275	279	281	284	
213	216	219	223	226	229	232	236	239	247	262	265	269	272	280	283	287	290	293	296	300	
219	222	225	229	232	235	238	242	245	254	269	273	276	279	288	291	294	298	301	305	308	
224	227	231	234	238	241	245	248	252	261	276	280	283	287	295	299	303	306	310	313	317	
242	246	250	254	257	261	265	269	273	281	298	301	305	309	318	322	326	330	333	337	341	3 PAIRS
248	251	256	259	263	267	271	275	279	288	305	309	313	317	326	330	334	338	342	345	350	
253	257	261	265	269	273	277	281	286	295	312	316	320	324	333	338	342	346	350	354	358	
262	267	271	275	280	284	288	293	297	307	324	329	333	337	347	351	356	360	364	369	373	
268	272	276	281	286	290	294	299	304	313	331	336	340	345	355	359	363	368	373	377	381	
277	281	287	291	296	301	306	310	315	325	344	348	353	358	368	373	378	382	387	392	397	4 PAIRS
282	287	292	297	302	307	312	317	322	332	350	356	361	365	375	381	386	390	395	400	405	
288	293	298	303	308	313	318	323	328	338	358	363	368	373	383	388	394	399	404	409	414	
297	302	307	313	318	324	329	334	340	350	370	375	381	386	397	402	407	413	418	424	429	
302	307	313	319	324	330	335	341	346	357	377	382	388	394	404	410	415	421	426	432	437	
320	326	332	338	344	350	355	361	367	378	399	404	410	416	427	433	438	444	450	456	462	5 PAIRS
326	332	338	344	350	356	362	368	374	380	396	401	407	413	419	425	431	437	443	449	455	
331	338	344	350	356	362	368	374	380	386	392	398	404	410	416	422	428	434	440	446	452	
340	347	353	359	366	372	379	385	391	397	403	409	415	421	427	433	439	445	451	457	463	
346	352	359	365	372	378	385	391	397	403	409	415	421	427	433	439	445	451	457	463	469	
355	362	369	375	382	389	396	403	409	415	421	427	433	439	445	451	457	463	469	475	481	6 PAIRS
360	367	374	381	388	395	402	409	415	421	427	433	439	445	451	457	463	469	475	481	487	
366	373	380	387	394	401	408	415	421	427	433	439	445	451	457	463	469	475	481	487	493	
375	382	390	397	405	412	419	426	432	438	444	450	456	462	468	474	480	486	492	498	504	
380	388	395	403	410	418	425	432	439	446	453	459	465	471	477	483	489	495	501	507	513	
395	402	410	418	425	433	441	448	455	462	469	476	483	489	495	501	507	513	519	525	531	5 PAIRS
404	412	420	428	436	444	451	458	465	472	479	486	493	500	506	513	519	525	531	537	543	
409	418	425	434	442	450	458	465	472	479	486	493	500	506	513	519	525	531	537	543	549	
419	427	435	444	452	460	468	475	482	489	496	503	510	517	523	530	536	543	549	555	561	
425	433	442	450	458	466	474	481	488	495	502	509	516	523	529	536	542	549	555	561	567	
430	439	448	456	464	472	480	487	494	501	508	515	522	529	535	542	548	554	560	566	572	5 PAIRS
439	449	457	466	474	482	490	497	504	511	518	525	532	539	545	552	558	564	570	576	582	
445	454	463	472	480	488	496	503	510	517	524	531	538	545	551	558	564	570	576	582	588	
454	463	473	482	491	500	509	517	525	533	541	549	557	564	571	578	584	590	596	602	608	
459	469	479	488	497	506	515	523	531	539	547	555	563	570	577	584	590	596	602	608	614	
474	484	494	503	512	521	530	538	546	554	562	570	578	586	593	600	607	614	620	626	632	6 PAIRS
483	493	503	513	522	531	540	548	556	564	572	580	588	596	603	610	617	624	630	636	642	
488	499	509	519	528	537	546	554	562	570	578	586	594	602	609	616	623	629	635	641	647	
498	508	519	529	538	547	556	564	572	580	588	596	604	612	619	626	632	638	644	650	656	
503	513	524	535	545	555	564	573	581	589	597	605	613	621	628	635	641	647	653	659	665	
508	519	530	541	552	562	571	580	589	597	605	613	621	629	636	642	648	654	660	666	672	
										BLIND MOTOR 6 Nm BLIND MOTOR 9 Nm BLIND MOTOR 10 Nm BLIND MOTOR 20 Nm											

EXTRA CHARGE

Maximum area	9 m²
Minimum width	500 mm
Minimum height	600 mm
Maximum width	4500 mm
Maximum height	5000 mm
STANDARD EQUIPMENT	
Wall handles	F-US-140
Top rail handles	F-USG
Guides	F-PP-20
Aluminium guide handles	F-UPP-50-70
Slat rotation	90°

SYMBOL	NAME	PRICE
F-US-100-150	Adjustable wall handle 100-150 mm	3,20 €
F-US-150-200	Adjustable wall handle 150-200 mm	3,80 €
F-US-200-250	Adjustable wall handle 200-250 mm	4,50 €
F-USG-A	Automatic top rail handle	1,25 €
F-UPP-71-100	Straight guide handle 71-100 mm	0,75 €
F-UPP-101-145	Straight guide handle 101-145 mm	1,63 €
F-UPT-50-70	Telescopic guide handle 50-70 mm	6,00 €
F-UPT-71-105	Telescopic guide handle 71-105 mm	7,25 €
F-UPT-106-170	Telescopic guide handle 106-170 mm	10,00 €
F-UPT-171-295	Telescopic guide handle 171-295 mm	12,38 €
F-UPU-35	Universal telescopic guide handle 35 (60-70 mm)	1,00 €
F-UPU-45	Universal telescopic guide handle 45 (70-90 mm)	1,20 €
F-UPU-65	Universal telescopic guide handle 65 (90-130 mm)	1,55 €
F-WN	Drive shaft connector	12,50 €

EXTRA CHARGE

SYMBOL	NAME	PRICE
F-FBR-010	Guide adapter for external blind	8 ,60 € /rm
F-FBR-020	Guide adapter for external blind with a spacer	10,25 € /rm
F-FBR-030	Guide for external blind for flush-mounted installation	10,00 € /rm
F-FBR-040	Guide for external blind for flush-mounted installation with a spacer	11,75 € /rm
F-RSC-340	Insert guide for external blinds	3,50 € /rm
F-PP-20	External blind single guide (with the use of the F-FBR adapter)	3,50 € /rm
F-FBD-010	Bottom plug of the F-FBR-010 guide	0 ,23 € /Pair
F-FBD-020	Bottom plug of the F-FBR-020 guide	0 ,23 € /Pair
F-FBD-030	Bottom plug of the F-FBR-030 guide	0 ,30 € /Pair
F-FBD-040	Bottom plug of the F-FBR-040 guide	0 ,30 € /Pair

The price given in the table does not include the crank mechanism.
The amount according to the price list of drives available on page 29 should be added.

The price given in the table does not include safety plates. Price list of safety plates is available on p. 24-27.

Price list of additional components for external blinds is available on p. 28.

			HANDLES MOUNTING THE HEAD RAIL														
			2 TOP RAIL HANDLES								3 TOP RAIL HANDLES						
SAFETY PLATE	PACKAGE HEIGHT	h/w	500-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400
200	160	600-1000	132	136	139	143	146	163	167	176	180	183	187	190	194	197	201
		1001-1100	138	142	146	150	154	172	176	186	190	194	198	201	206	209	213
	170	1101-1200	142	146	150	154	158	177	181	191	195	200	204	208	212	216	220
		1201-1300	145	150	154	158	163	182	187	197	201	206	210	214	219	223	227
	180	1301-1400	149	154	158	163	167	188	192	202	207	212	216	220	225	230	234
		1401-1500	153	158	163	167	172	193	198	208	213	218	222	227	231	236	241
250	210	1501-1600	166	171	176	181	186	208	213	225	230	235	240	245	250	255	260
		1601-1700	169	175	180	186	191	213	219	230	235	241	246	251	256	262	267
	220	1701-1800	173	179	184	190	195	219	224	236	241	246	252	257	263	269	274
		1801-1900	177	183	188	194	200	224	230	241	247	252	258	264	269	275	281
		1901-2000	183	189	195	201	207	232	239	250	256	263	269	275	281	287	294
		2001-2100	187	193	200	206	212	238	244	256	263	269	275	281	288	294	300
	230	2101-2200	190	197	203	210	216	243	250	262	268	275	281	288	294	301	307
		2201-2300	194	201	207	214	221	248	255	267	274	281	288	294	301	307	314
	240	2301-2400	200	207	214	221	229	257	264	277	284	291	298	305	313	319	326
		2401-2500	204	211	219	226	233	262	269	282	290	297	304	312	319	326	333
300	250	2501-2600	214	222	230	237	267	274	281	295	302	310	317	325	332	362	369
		2601-2700	218	226	233	241	271	279	287	300	308	316	324	331	339	369	377
	260	2701-2800	224	232	240	249	280	288	296	310	318	326	334	342	350	381	390
		2801-2900	228	236	244	253	285	293	301	315	324	332	340	349	357	389	397
		2901-3000	231	240	249	257	290	298	306	321	330	338	346	355	363	396	405
		3001-3100	235	244	253	262	295	303	312	326	335	344	353	361	370	403	412
	270	3101-3200	239	248	257	266	300	309	318	332	341	350	359	368	376	411	419
		3201-3300	245	255	264	273	308	317	326	342	351	360	369	379	388	423	432
	280	3301-3400	249	258	268	277	313	323	332	347	356	366	375	385	394	431	440
		3401-3500	252	262	272	281	318	328	338	353	363	372	382	392	401	437	447
340	310	3501-3600	263	273	283	320	330	340	350	365	375	385	395	432	442	452	462
		3601-3700	269	280	290	328	338	348	359	375	385	395	406	444	454	464	475
	320	3701-3800	273	283	294	332	343	354	364	380	391	401	412	450	461	471	
		3801-3900	277	288	299	338	349	360	370	387	398	408	419	458	469	480	
		3901-4000	281	292	303	343	354	365	376	393	403	414	425	465	476		
		4001-4100	288	299	310	351	363	374	385	402	413	425	436	477			
	330	4101-4200	291	302	314	356	367	379	390	407	419	431	442	484			
		4201-4300	295	306	318	361	372	384	395	413	425	436	448				
	340	4301-4400	299	310	322	365	377	389	401	419	431	442	454				
		4401-4500	305	317	329	373	386	398	410	428	440	453	465				
370	350	4501-4600	315	327	340	385	397	410	422	440	453	465					
		4601-4700	319	331	344	390	402	415	428	446	459	471					
	360	4701-4800	322	335	348	394	407	420	433	452	464						
		4801-4900	326	339	352	399	413	425	438	457	470						
	370	4901-5000	332	346	359	407	421	434	448	467	480						

HANDLES MOUNTING THE HEAD RAIL																						
	4 TOP RAIL HANDLES									5 TOP RAIL HANDLES						6 TOP RAIL HANDLES						
2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600	3601-3700	3701-3800	3801-3900	3901-4000	4001-4100	4101-4200	4201-4300	4301-4400	4401-4500		
224	227	231	235	238	242	245	249	252	262	279	282	286	289	299	302	306	309	313	316	320	2 PAIRS	QUANTITY OF GUIDE HANDLES
237	241	245	249	253	257	261	265	269	278	297	300	305	308	318	322	326	330	334	338	342		
245	249	253	257	262	266	269	274	278	288	307	311	315	319	329	333	338	342	345	350	354		
253	257	261	266	270	274	279	283	287	297	317	321	325	330	340	344	349	353	357	362	366		
260	265	269	274	278	283	288	292	296	306	327	331	336	341	351	356	360	364	369	374	378		
268	273	277	282	287	291	296	301	306	316	337	342	347	351	362	367	371	376	381	385	390	3 PAIRS	
288	293	298	303	308	313	319	324	329	340	362	367	372	377	388	393	398	403	409	414	419		
296	301	306	312	317	322	327	333	338	349	372	377	382	388	399	404	410	415	420	425	431		
303	309	314	320	325	331	336	342	347	359	382	388	393	399	410	415	421	426	432	437	443		
311	317	322	328	334	339	345	351	356	368	392	398	404	409	421	426	432	438	444	450	455		
324	331	337	343	349	355	361	367	373	385	410	416	422	428	440	446	452	459	465	471	477	4 PAIRS	
332	338	344	351	357	363	370	376	382	394	420	426	433	439	451	457	464	470					
339	346	352	359	365	372	379	385	392	404	430	437	444	450	462	469							
347	354	361	367	374	381	388	394	401	413	440	447	454	461	473								
361	368	375	382	389	396	403	410	417	430	458	465	473										
368	375	383	390	397	405	412	419	426	439	469	476										5 PAIRS	
382	390	398	405	413	420	427	457	464	478													
390	398	406	413	421	429	436	467	474														
404	412	420	428	436	444	452	483															
411	419	428	436	444	453	461																
419	427	436	444	453	461																6 PAIRS	
426	435	444	452	461																		
434	443	452	461																			
447	456	466																				
455	464																					
462																						
477																						

Maximum area	16 m²
Minimum width	600 mm
Minimum height	600 mm
Maximum width	4500 mm
Maximum height	5000 mm

STANDARD EQUIPMENT

Wall handles	F-US-140
Top rail handles	F-USG
Guides	F-PP-20
Aluminium guide handles	F-UPP-50-70
Slat rotation	90°

EXTRA CHARGE

SYMBOL	NAME	PRICE
F-US-100-150	Adjustable wall handle 100-150 mm	3,20 €
F-US-150-200	Adjustable wall handle 150-200 mm	3,80 €
F-US-200-250	Adjustable wall handle 200-250 mm	4,50 €
F-USG-A	Automatic top rail handle	1,25 €
F-UPP-71-100	Straight guide handle 71-100 mm	0,75 €
F-UPP-101-145	Straight guide handle 101-145 mm	1,63 €
F-UPT-50-70	Telescopic guide handle 50-70 mm	6,00 €
F-UPT-71-105	Telescopic guide handle 71-105 mm	7,25 €
F-UPT-106-170	Telescopic guide handle 106-170 mm	10,00 €
F-UPT-171-295	Telescopic guide handle 171-295 mm	12,38 €
F-UPU-35	Universal telescopic guide handle 35 (60-70 mm)	1,00 €
F-UPU-45	Universal telescopic guide handle 45 (70-90 mm)	1,20 €
F-UPU-65	Universal telescopic guide handle 65 (90-130 mm)	1,55 €
F-WN	Drive shaft connector	12,50 €

EXTRA CHARGE

SYMBOL	NAME	PRICE
F-FBR-010	Guide adapter for external blind	8 ,60 € /rm
F-FBR-020	Guide adapter for external blind with a spacer	10,25 € /rm
F-FBR-030	Guide for external blind for flush-mounted installation	10,00 € /rm
F-FBR-040	Guide for external blind for flush-mounted installation with a spacer	11,75 € /rm
F-RSC-340	Insert guide for external blinds	3,50 € /rm
F-PP-20	External blind single guide (with the use of the F-FBR adapter)	3,50 € /rm
F-FBD-010	Bottom plug of the F-FBR-010 guide	0 ,23 € /Pair
F-FBD-020	Bottom plug of the F-FBR-020 guide	0 ,23 € /Pair
F-FBD-030	Bottom plug of the F-FBR-030 guide	0 ,30 € /Pair
F-FBD-040	Bottom plug of the F-FBR-040 guide	0 ,30 € /Pair

The price given in the table does not include the crank mechanism.
The amount according to the price list of drives available on page 29 should be added.

The price given in the table does not include safety plates. Price list of safety plates is available on p. 24-27.

Price list of additional components for external blinds is available on p. 28.

			HANDLES MOUNTING THE HEAD RAIL															
SAFETY PLATE	PACKAGE HEGHT	h/w	2 TOP RAIL HANDLES							3 TOP RAIL HANDLES								
			600-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	
200	160	600-1000	132	136	139	143	146	163	167	176	180	183	187	190	194	197	201	2 PAIRS
		1001-1100	138	142	146	150	154	172	176	186	190	194	198	201	206	209	213	
	170	1101-1200	142	146	150	154	158	177	181	191	195	200	204	208	212	216	220	
		1201-1300	145	150	154	158	163	182	187	197	201	206	210	214	219	223	227	
	180	1301-1400	149	154	158	163	167	188	192	202	207	212	216	220	225	230	234	
		1401-1500	153	158	163	167	172	193	198	208	213	218	222	227	231	236	241	
250	200	1501-1600	166	171	176	181	186	208	213	225	230	235	240	245	250	255	260	3 PAIRS
		1601-1700	169	175	180	186	191	213	219	230	235	241	246	251	256	262	267	
	210	1701-1800	173	179	184	190	195	219	224	236	241	246	252	257	263	269	274	
		1801-1900	177	183	188	194	200	224	230	241	247	252	258	264	269	275	281	
	220	1901-2000	183	189	195	201	207	232	239	250	256	263	269	275	281	287	294	
		2001-2100	187	193	200	206	212	238	244	256	263	269	275	281	288	294	300	
	230	2101-2200	190	197	203	210	216	243	250	262	268	275	281	288	294	301	307	
		2201-2300	194	201	207	214	221	248	255	267	274	281	288	294	301	307	314	
	240	2301-2400	200	207	214	221	229	257	264	277	284	291	298	305	313	319	326	
		2401-2500	204	211	219	226	233	262	269	282	290	297	304	312	319	326	333	
	250	2501-2600	214	222	230	237	267	274	281	295	302	310	317	325	332	362	369	
		2601-2700	218	226	233	241	271	279	287	300	308	316	324	331	339	369	377	
300	260	2701-2800	224	232	240	249	280	288	296	310	318	326	334	342	350	381	390	4 PAIRS
		2801-2900	228	236	244	253	285	293	301	315	324	332	340	349	357	389	397	
	270	2901-3000	231	240	249	257	290	298	306	321	330	338	346	355	363	396	405	
		3001-3100	235	244	253	262	295	303	312	326	335	344	353	361	370	403	412	
	280	3101-3200	239	248	257	266	300	309	318	332	341	350	359	368	376	411	419	
		3201-3300	245	255	264	273	308	317	326	342	351	360	369	379	388	423	432	
	290	3301-3400	249	258	268	277	313	323	332	347	356	366	375	385	394	431	440	
		3401-3500	252	262	272	281	318	328	338	353	363	372	382	392	401	437	447	
	300	3501-3600	263	273	283	320	330	340	350	365	375	385	395	432	442	452	462	
		3601-3700	269	280	290	328	338	348	359	375	385	395	406	444	454	464	475	
	310	3701-3800	273	283	294	332	343	354	364	380	391	401	412	450	461	471	482	
		3801-3900	277	288	299	338	349	360	370	387	398	408	419	458	469	480	490	
340	320	3901-4000	281	292	303	343	354	365	376	393	403	414	425	465	476	487	498	5 PAIRS
		4001-4100	288	299	310	351	363	374	385	402	413	425	436	477	488	500	511	
	330	4101-4200	291	302	314	356	367	379	390	407	419	431	442	484	495	506	518	
		4201-4300	295	306	318	361	372	384	395	413	425	436	448	491	502	514	525	
	340	4301-4400	299	310	322	365	377	389	401	419	431	442	454	497	509	521	533	
		4401-4500	305	317	329	373	386	398	410	428	440	453	465	509	521	534	546	
370	350	4501-4600	315	327	340	385	397	410	422	440	453	465	478	523	535	548	560	6 PAIRS
		4601-4700	319	331	344	390	402	415	428	446	459	471	484	530	542	555	568	
	360	4701-4800	322	335	348	394	407	420	433	452	464	477	490	537	550	562	575	
		4801-4900	326	339	352	399	413	425	438	457	470	483	496	544	556	569	582	
	370	4901-5000	332	346	359	407	421	434	448	467	480	494	507	555	569	582	595	

	HANDLES MOUNTING THE HEAD RAIL																					
	4 TOP RAIL HANDLES										5 TOP RAIL HANDLES						6 TOP RAIL HANDLES					
2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600	3601-3700	3701-3800	3801-3900	3901-4000	4001-4100	4101-4200	4201-4300	4301-4400	4401-4500		
224	227	231	235	238	242	245	249	252	262	279	282	286	289	299	302	306	309	313	316	320	2 PAIRS	QUANTITY OF GUIDE HANDLES
237	241	245	249	253	257	261	265	269	278	297	300	305	308	318	322	326	330	334	338	342		
245	249	253	257	262	266	269	274	278	288	307	311	315	319	329	333	338	342	345	350	354		
253	257	261	266	270	274	279	283	287	297	317	321	325	330	340	344	349	353	357	362	366		
260	265	269	274	278	283	288	292	296	306	327	331	336	341	351	356	360	364	369	374	378		
268	273	277	282	287	291	296	301	306	316	337	342	347	351	362	367	371	376	381	385	390		
288	293	298	303	308	313	319	324	329	340	362	367	372	377	388	393	398	403	409	414	419	3 PAIRS	
296	301	306	312	317	322	327	333	338	349	372	377	382	388	399	404	410	415	420	425	431		
303	309	314	320	325	331	336	342	347	359	382	388	393	399	410	415	421	426	432	437	443		
311	317	322	328	334	339	345	351	356	368	392	398	404	409	421	426	432	438	444	450	455		
324	331	337	343	349	355	361	367	373	385	410	416	422	428	440	446	452	459	465	471	477		
332	338	344	351	357	363	370	376	382	394	420	426	433	439	451	457	464	470	476	483	489		
339	346	352	359	365	372	379	385	392	404	430	437	444	450	462	469	475	481	488	494	501	4 PAIRS	
347	354	361	367	374	381	388	394	401	413	440	447	454	461	473	480	487	493	500	506	513		
361	368	375	382	389	396	403	410	417	430	458	465	473	480	493	500	507	514	521	528	535		
368	375	383	390	397	405	412	419	426	439	469	476	483	490	503	511	518	525	532	540	547		
382	390	398	405	413	420	427	457	464	478	485	493	500	508	521	529	536	544	551	559	566		
390	398	406	413	421	429	436	467	474	488	495	503	511	519	532	540	547	555	563	570	578		
404	412	420	428	436	444	452	483	492	506	513	521	530	538	551	560	568	576	584	592	600	5 PAIRS	
411	419	428	436	444	453	461	493	501	515	524	532	540	548	563	571	579	588	595	604	612		
419	427	436	444	453	461	470	502	511	525	534	542	550	559	573	582	590	599	607	616	624		
426	435	444	452	461	470	479	512	520	535	544	552	561	570	584	593	601	610	619	628	636		
434	443	452	461	469	478	487	521	530	545	554	563	572	581	595	604	613	622	631	639	648		
447	456	466	475	485	494	503	538	547	563	572	581	590	600	615	624	633	643	652	661	670		
455	464	474	483	493	502	512	548	557	572	582	591	601	610	625	635	644	654	663	673	682	6 PAIRS	
462	472	482	492	501	511	521	557	567	582	592	602	611	621	637	646	656	665	675	685	694		
477	487	497	507	517	527	537	573	583	599	609	619	629	639	654	664	674	684	694	703			
490	501	511	521	531	541	551	587	597	613	623	633	643	653	668	678	688	698	708				
498	509	519	530	540	550	560	596	606	622	632	642	652	662	677	687	697	707					
507	518	528	539	549	559	569	605	615	631	641	651	661	671	686	696	706						
514	525	536	547	557	567	577	613	623	633	643	653	663	673	688	698							
528	539	550	562	573	583	593	629	639	649	659	669	679	689	704								
535	547	558	570	581	591	601	637	647	657	667	677	687	697	712								
543	555	566	578	589	600	610	646	656	666	676	686	696	706									
550	563	575	586	597	607	617	653	663	673	683	693	703										
564	576	588	600	611	621	631	667	677	687	697												
578	591	603	616	627	637	647	683	693	703													
586	599	611	624	635	645	655	691	701														
594	606	619	632	643	653	663	703															
601	614	627	640	651	661	671	711															
615	628	642	655	666	676	686	726															
BLIND MOTOR 6 Nm BLIND MOTOR 9 Nm BLIND MOTOR 10 Nm BLIND MOTOR 20 Nm																						



PRICE LIST OF SAFETY PLATES FOR F-PP GUIDE

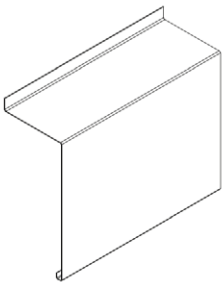
Symbol	Name	Price
F-B15A-12-20	Safety plate 200 mm, Type A to C80	22,50 €/rm
F-B15A-12-25	Safety plate 250 mm, Type A to C80	25,00 €/rm
F-B15A-12-30	Safety plate 300 mm, Type A to C80	27,50 €/rm
F-B15A-12-34	Safety plate 340 mm, Type A to C80	30,00 €/rm
F-B15A-12-37	Safety plate 370 mm, Type A to C80	32,50 €/rm
F-B15A-12-44	Safety plate 440 mm, Type A to C80	35,00 €/rm
F-B15A-12-48	Safety plate 480 mm, Type A to C80	52,50 €/rm
F-B15A-14-20	Safety plate 200 mm, Type A to Z90	22,50 €/rm
F-B15A-14-25	Safety plate 250 mm, Type A to Z90	25,00 €/rm
F-B15A-14-30	Safety plate 300 mm, Type A to Z90	27,50 €/rm
F-B15A-14-34	Safety plate 340 mm, Type A to Z90	30,00 €/rm
F-B15A-14-37	Safety plate 370 mm, Type A to Z90	32,50 €/rm
F-B15B-12-20	Safety plate 200 mm, Type B to C80	22,50 €/rm
F-B15B-12-25	Safety plate 250 mm, Type B to C80	25,00 €/rm
F-B15B-12-30	Safety plate 300 mm, Type B to C80	27,50 €/rm
F-B15B-12-34	Safety plate 340 mm, Type B to C80	30,00 €/rm
F-B15B-12-37	Safety plate 370 mm, Type B to C80	32,50 €/rm
F-B15B-12-44	Safety plate 440 mm, Type B to C80	35,00 €/rm
F-B15B-12-48	Safety plate 480 mm, Type B to C80	52,50 €/rm
F-B15B-14-20	Safety plate 200 mm, Type B to Z90	22,50 €/rm
F-B15B-14-25	Safety plate 250 mm, Type B to Z90	25,00 €/rm
F-B15B-14-30	Safety plate 300 mm, Type B to Z90	27,50 €/rm
F-B15B-14-34	Safety plate 340 mm, Type B to Z90	30,00 €/rm
F-B15B-14-37	Safety plate 370 mm, Type B to Z90	32,50 €/rm
F-B15C-12-20	Safety plate 200 mm, Type C to C80	22,50 €/rm
F-B15C-12-25	Safety plate 250 mm, Type C to C80	25,00 €/rm
F-B15C-12-30	Safety plate 300 mm, Type C to C80	27,50 €/rm
F-B15C-12-34	Safety plate 340 mm, Type C to C80	30,00 €/rm
F-B15C-12-37	Safety plate 370 mm, Type C to C80	32,50 €/rm
F-B15C-12-44	Safety plate 440 mm, Type C to C80	35,00 €/rm
F-B15C-12-48	Safety plate 480 mm, Type C to C80	52,50 €/rm

Symbol	Name	Price
F-B15C-14-20	Safety plate 200 mm, Type C to Z90	22,50 €/rm
F-B15C-14-25	Safety plate 250 mm, Type C to Z90	25,00 €/rm
F-B15C-14-30	Safety plate 300 mm, Type C to Z90	27,50 €/rm
F-B15C-14-34	Safety plate 340 mm, Type C to Z90	30,00 €/rm
F-B15C-14-37	Safety plate 370 mm, Type C to Z90	32,50 €/rm
F-B15D-20	Safety plate 200 mm, Type D to C80, Z90	18,00 €/rm
F-B15D-25	Safety plate 250 mm, Type D to C80, Z90	18,50 €/rm
F-B15D-30	Safety plate 300 mm, Type D to C80, Z90	20,00 €/rm
F-B15D-34	Safety plate 340 mm, Type D to C80, Z90	23,50 €/rm
F-B15D-37	Safety plate 370 mm, Type D to C80, Z90	24,00 €/rm
F-B15D-44	Safety plate 440 mm, Type D to C80, Z90	30,00 €/rm
F-B15D-48	Safety plate 480 mm, Type D to C80, Z90	32,50 €/rm
F-ZBB-12-20	Side end cap for C80 safety plate 200 mm	9,50 €/Pair
F-ZBB-12-25	Side end cap for C80 safety plate 250 mm	9,50 €/Pair
F-ZBB-12-30	Side end cap for C80 safety plate 300 mm	10,00 €/Pair
F-ZBB-12-34	Side end cap for C80 safety plate 340 mm	12,00 €/Pair
F-ZBB-12-37	Side end cap for C80 safety plate 370 mm	12,00 €/Pair
F-ZBB-12-44	Side end cap for C80 safety plate 440 mm	12,00 €/Pair
F-ZBB-12-48	Side end cap for C80 safety plate 480 mm	12,50 €/Pair
F-ZBB-14-20	Side end cap for Z90 safety plate 200 mm	9,50 €/Pair
F-ZBB-14-25	Side end cap for Z90 safety plate 250 mm	9,50 €/Pair
F-ZBB-14-30	Side end cap for Z90 safety plate 300 mm	10,00 €/Pair
F-ZBB-14-34	Side end cap for Z90 safety plate 340 mm	12,00 €/Pair
F-ZBB-14-37	Side end cap for Z90 safety plate 370 mm	12,00 €/Pair
F-LB-12-20/25/30	C80 safety plate connector	4,50 €/Pcs.
F-LB-12-34/37/44/48	C80 safety plate connector	7,50 €/Pcs.
F-LB-14-20/25/30	Z90 safety plate connector	4,50 €/Pcs.
F-LB-14-34/37	Z90 safety plate connector	7,50 €/Pcs.
F-LB-15-20/25/30	C80, Z90 safety plate connector for FB15A/B/C-15	4,75 €/Pcs.
F-LB-15-34/37/44/48	C80, Z90 safety plate connector for FB15A/B/C-15	8,00 €/Pcs.
F-LB-20/25/30	Safety plate connector for type D	4,50 €/Pcs.
F-LB-34/37/44/48	Safety plate connector for type D	7,50 €/Pcs.

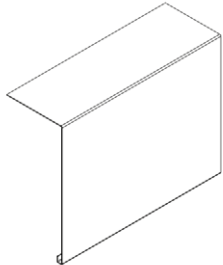
The maximum width of the cover in one piece without joints: 4,00 m.
There is a possibility of making safety plates according to the individual project of the customer - after prior consultation with PORTOS (Individual pricing, extended completion date).
Extra charge for a 2 mm thick safety plate is 30% of the value of covers from the table. The standard thickness of the safety plate is 1.5 mm (surcharges are not cumulative).
As a standard, safety plates are varnished from the outside. Varnishing from the inside on an individual order.
Extra charge for double-sided varnishing is 15% of the value of covers from the above price list.
When purchasing safety plates, the cost of safety plate extensions must be added. The number of extensions in the blinds corresponds to the number of top rail handles.

PRICE LIST OF SAFETY PLATES FOR F-FBR GUIDE

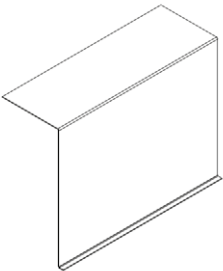
Symbol	Name	Price
F-B15A-15-20	Safety plate 200 mm, Typ A to C80, Z90 FBR	23,75 €/rm
F-B15A-15-25	Safety plate 250 mm, Typ A to C80, Z90 FBR	26,25 €/rm
F-B15A-15-30	Safety plate 300 mm, Typ A to C80, Z90 FBR	29,00 €/rm
F-B15A-15-34	Safety plate 340 mm, Typ A to C80, Z90 FBR	31,50 €/rm
F-B15A-15-37	Safety plate 370 mm, Typ A to C80, Z90 FBR	34,25 €/rm
F-B15A-15-44	Safety plate 440 mm, Typ A to C80, Z90 FBR	36,75 €/rm
F-B15A-15-48	Safety plate 480 mm, Typ A to C80, Z90 FBR	55,25 €/rm



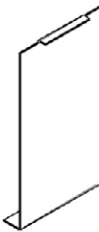
F-B15B-15-20	Safety plate 200 mm, Typ B to C80, Z90 FBR	23,75 €/rm
F-B15B-15-25	Safety plate 250 mm, Typ B to C80, Z90 FBR	26,25 €/rm
F-B15B-15-30	Safety plate 300 mm, Typ B to C80, Z90 FBR	29,00 €/rm
F-B15B-15-34	Safety plate 340 mm, Typ B to C80, Z90 FBR	31,50 €/rm
F-B15B-15-37	Safety plate 370 mm, Typ B to C80, Z90 FBR	34,25 €/rm
F-B15B-15-44	Safety plate 440 mm, Typ B to C80, Z90 FBR	36,75 €/rm
F-B15B-15-48	Safety plate 480 mm, Typ B to C80, Z90 FBR	55,25 €/rm



F-B15C-15-20	Safety plate 200 mm, Typ C to C80, Z90 FBR	23,75 €/rm
F-B15C-15-25	Safety plate 250 mm, Typ C to C80, Z90 FBR	26,25 €/rm
F-B15C-15-30	Safety plate 300 mm, Typ C to C80, Z90 FBR	29,00 €/rm
F-B15C-15-34	Safety plate 340 mm, Typ C to C80, Z90 FBR	31,50 €/rm
F-B15C-15-37	Safety plate 370 mm, Typ C to C80, Z90 FBR	34,25 €/rm
F-B15C-15-44	Safety plate 440 mm, Typ C to C80, Z90 FBR	36,75 €/rm
F-B15C-15-48	Safety plate 480 mm, Typ C to C80, Z90 FBR	55,25 €/rm



F-B15E-20	Safety plate 200 mm, Typ E to C80, Z90 FBR	18,00 €/rm
F-B15E-25	Safety plate 250 mm, Typ E to C80, Z90 FBR	18,50 €/rm
F-B15E-30	Safety plate 300 mm, Typ E to C80, Z90 FBR	20,00 €/rm
F-B15E-34	Safety plate 340 mm, Typ E to C80, Z90 FBR	23,50 €/rm
F-B15E-37	Safety plate 370 mm, Typ E to C80, Z90 FBR	24,00 €/rm
F-B15E-44	Safety plate 440 mm, Typ E to C80, Z90 FBR	30,00 €/rm
F-B15E-48	Safety plate 480 mm, Typ E to C80, Z90 FBR	32,50 €/rm



Symbol	Name	Price
F-ZBB-15-20	Side end cap for C80, Z90 safety plate 200 mm FBR	10,00 €/Pair
F-ZBB-15-25	Side end cap for C80, Z90 safety plate 250 mm FBR	10,00 €/Pair
F-ZBB-15-30	Side end cap for C80, Z90 safety plate 300 mm FBR	10,50 €/Pair
F-ZBB-15-34	Side end cap for C80, Z90 safety plate 340 mm FBR	12,75 €/Pair
F-ZBB-15-37	Side end cap for C80, Z90 safety plate 370 mm FBR	12,75 €/Pair
F-ZBB-15-44	Side end cap for C80, Z90 safety plate 440 mm FBR	12,75 €/Pair
F-ZBB-15-48	Side end cap for C80, Z90 safety plate 480 mm FBR	13,25 €/Pair

F-LB-15-20	Safety plate connector 200 mm to C80, Z90 FBR	4,75 €/Pcs.
F-LB-15-25	Safety plate connector 250 mm to C80, Z90 FBR	4,75 €/Pcs.
F-LB-15-30	Safety plate connector 300 mm to C80, Z90 FBR	4,75 €/Pcs.
F-LB-15-34	Safety plate connector 340 mm to C80, Z90 FBR	8,00 €/Pcs.
F-LB-15-37	Safety plate connector 370 mm to C80, Z90 FBR	8,00 €/Pcs.
F-LB-15-44	Safety plate connector 440 mm to C80, Z90 FBR	8,00 €/Pcs.
F-LB-15-48	Safety plate connector 480 mm to C80, Z90 FBR	8,00 €/Pcs.

The maximum width of the cover in one piece without joints: 4,00 m.
There is a possibility of making safety plates according to the individual project of the customer - after prior consultation with PORTOS (Individual pricing, extended completion date).
Extra charge for a 2 mm thick safety plate is 30% of the value of covers from the table. The standard thickness of the safety plate is 1.5 mm (surcharges are not cumulative).
As a standard, safety plates are varnished from the outside. Varnishing from the inside on an individual order.
Extra charge for double-sided varnishing is 15% of the value of covers from the above price list.
When purchasing safety plates, the cost of safety plate extensions must be added. The number of extensions in the blinds corresponds to the number of top rail handles.

ZF3000 EXTERNAL BLIND

PRICE LIST OF ADDITIONAL COMPONENTS

F-US-120	Wall handle 120 mm	4,00 €
F-US-140	Wall handle 140 mm	4,58 €
F-USG	Top rail handle	1,10 €
F-USG - A	Automatic top rail handle	2,20 €
F-US-100-150	Adjustable wall handle size 100-150 mm	7,25 €
F-US-150-200	Adjustable wall handle size 150-200 mm	8,00 €
F-US-200-250	Adjustable wall handle size 200-250 mm	8,75 €
F-PBO-126 + F-WP-45	Safety plate extension 126 mm for sheets 130-173 mm Extension silencing element (set)	1,48 €
F-PBO-143 + F-WP-45	Safety plate extension 143 mm for sheets 174-253 mm Extension silencing element (set)	1,73 €
F-PBO-223 + F-WP-45	Safety plate extension 223 mm for sheets 254-330 mm Extension silencing element (set)	2,33 €
F-PBO-303 + F-WP-45	Safety plate extension 303 mm for sheets 331-412 mm Extension silencing element (set)	2,85 €
F-PBO-383 + F-WP-45	Safety plate extension 383 mm for sheets 413-480 mm Extension silencing element (set)	3,95 €
F-UPP-50-70	Straight guide handle 50-70 mm	3,70 €
F-UPP-71-100	Straight guide handle 71-100 mm	4,25 €
F-UPP-101-145	Straight guide handle 101-145 mm	4,95 €
F-UPT-50-70	Telescopic guide handle 50-70 mm	9,70 €
F-UPT-71-105	Telescopic guide handle 71-105 mm	10,95 €
F-UPT-106-170	Telescopic guide handle 106-170 mm	13,70 €
F-UPT-171-295	Telescopic guide handle 171-295 mm	16,00 €
F-UPU-25	Universal telescopic guide handle 25 (50-60 mm)	4,30 €
F-UPU-35	Universal telescopic guide handle 35 (60-70 mm)	4,40 €
F-UPU-45	Universal telescopic guide handle 45 (70-90 mm)	4,60 €
F-UPU-65	Universal telescopic guide handle 65 (90-130 mm)	4,90 €
F-UDPL-80	Cord guide lower handle 80 mm	4,30 €
F-UDPL-120	Cord guide lower handle 120 mm	4,30 €
F-UDPL-150	Cord guide lower handle 150 mm	4,30 €
F-UDPP	Cord guide lower handle attached to the floor	4,95 €
F-WN	Drive shaft connector	12,50 €
MAQ-10	Thermal insulation mat aluthermo quattro	50,75 €/rm

ZF3000 EXTERNAL BLIND

PRICE LIST OF DRIVES

MANUAL DRIVE		
F-MK	Crank mechanism (set)	90,00 €
WIRE-CONTROLLED ELECTRIC DRIVE		
ELERO		
JA 06 SOFT	Motor for external blind 6 Nm	87,50 €
JA 09 SOFT	Motor for external blind 9 Nm	110,00 €
JA 20 DK	Motor for external blind 20 Nm	250,00 €
GEIGER *		
GJ5620	Blind motor 20 Nm	145,00 €
SOMFY WT		
J406 6/24 WT	Blind motor 6 Nm	113,50 €
J410 10/24 WT	Blind motor 10 Nm	157,00 €
J418 18/24 WT	Blind motor 18 Nm	167,50 €
SOMFY WT PROTECT		
J406 6/24 WT PROTECT	Blind motor PROTECT 6 Nm	146,50 €
J410 10/24 WT PROTECT	Blind motor PROTECT 10 Nm	158,50 €
J418 18/24 WT PROTECT	Blind motor PROTECT 18 Nm	182,50 €
RADIO-CONTROLLED ELECTRIC DRIVE		
ELERO		
JA 06 COMFORT-868	Radio motor for external blind 6 Nm NEW	205,00 €
JA 09 COMFORT-868	Radio motor for external blind 9 Nm NEW	240,00 €
SOMFY RTS		
J406 6/24 RTS	Blind radio motor 6 Nm	245,00 €
J410 10/24 RTS	Blind radio motor 10 Nm	267,50 €
J418 18/24 RTS	Blind radio motor 18 Nm	305,00 €
SOMFY IO PROTECT		
J406 6/24 IO PROTECT	Blind radio motor IO PROTECT 6 Nm	249,00 €
J410 10/24 IO PROTECT	Blind radio motor IO PROTECT 10 Nm	270,00 €
J418 18/24 IO PROTECT	Blind radio motor IO PROTECT 18 Nm	310,00 €
MANUAL CONTROL		
INIS UNO VB	Individual manual switch	16,00 €
INIS DUO VB	Dual motor manual switch	22,00 €

* - Product available until in stock

ZF3000 EXTERNAL BLIND

PRICE LIST OF CONTROL ELEMENTS

RADIO CONTROL RTS			
WALL TRANSMITTERS SMOOVE RTS			
1811045	Smooove Origin RTS - complete with a white frame	39,50 €	
1810881	Smooove 1 RTS Pure shine	50,50 €	
1810882	Smooove 1 RTS Black shine	50,50 €	
1810883	Smooove 1 RTS Silver shine	53,50 €	
SMOOVE FRAMES			
9015022	Smooove Pure frame	3,20 €	
9015023	Smooove Black frame	8,90 €	
9015024	Smooove Silver frame	8,90 €	
9015025	Smooove Silver matt frame	8,90 €	
9015238	Smooove Pure frame - double	5,00 €	
9015027	Light bamboo Smooove frame	23,60 €	
9015026	Amber bamboo Smooove frame	23,60 €	
9015236	Cherry Smooove frame	23,60 €	
9015237	Walnut Smooove frame	23,60 €	
RTS REMOTES WITH SOLAR AUTOMATIC OPERATION			
1810954	Telis 1 Soliris Pure RTS ***	70,50 €	
1810646	Telis 1 Soliris Patio RTS ***	91,00 €	
1810648	Telis 4 Soliris RTS Patio (5-channel) ***	105,00 €	
RTS REMOTES WITH BUILT-IN TIMER			
1805215	Telis 6 Chronis RTS Pure	211,00 €	
1805216	Telis 6 Chronis RTS Silver	234,00 €	
RTS MOD/VAR REMOTES WITH A SCROLL WHEEL			
1811610	Situo 5 Var RTS Pure II * NEW	93,50 €	
1811611	Situo 5 Var RTS Iron II * NEU	113,50 €	
1811608	Situo 1 Var RTS Pure II ** NEW	71,00 €	
1811609	Situo 1 Var RTS Iron II ** NEU	83,50 €	
MOD/VAR RTS RECEIVERS FOR INSTALLATION IN THE BLIND RAIL 50 mm (SLAT ROTATION FUNCTION)			
1810802	Mod/ Var Slim Receiver RTS with Hirschmann female plugs	129,50 €	
RTS WEATHER CONTROL SYSTEM - SENSORS			
1816066	Eolis Sensor RTS radio wind sensor with LED indicator	97,00 €	
1818210	Soliris Sensor RTS radio solar-wind sensor, power supply ~230V	136,50 €	
1818225	Soliris Sensor RTS Regenoption - adapted to the rain sensor	315,50 €	
9016345	Ondeis 230V rain sensor	300,00 €	
MOUNTING CABLE			
9015971	Universal mounting cable io/RTS/WT/LT/LS/Solus/J4 - Somfigurator	90,10 €	

* - Device replaces previous Telis 4 MOD/VAR RTS remotes
** - Device replaces previous Telis 1 MOD/VAR RTS remotes
*** - Product available until in stock

IO-HOMECONTROL			
io-homecontrol® - HOME CONTROL BY THE INTERNET			
1811478	TaHoma® Premium - Central control unit for io, RTS, RTD	462,50 €	
1811429	Connexoon box - 1 application to choose from: Window, Terrace, Access	179,50 €	
io TRANSMITTERS			
1805228	Chronis io - weekly timer	142,80 €	
io-homecontrol® COMPUTER INSTALLATION PROGRAMMER			
9017035	Set&Go io - installation tool for io system	246,60 €	
io-homecontrol® - NINA GROUP CONTROL REMOTES AND REMOTES WITH TIMER CONTROL			
1805251	NiNa Centralization - individual and group control	234,60 €	
1811407	NiNa Timer - individual, group control and timer control	244,80 €	
io-homecontrol® - LOCAL CONTROL REMOTES 1W			
1870363	Situo 1 Variation io Pure II	76,25 €	
1870366	Situo 1 Variation io Iron II	87,50 €	
1870369	Situo 5 Variation A/M io Pure II	101,00 €	
1870373	Situo 5 Variation A/M io Iron II	113,50 €	
io-homecontrol® - WALL LOCAL TRANSMITTERS 1W			
1811066	Smooove Origin io with Pure frame	47,20 €	
1811003	Smooove 1 io Pure Shine	55,90 €	
1811005	Smooove 1 io Black Shine	56,20 €	
1811007	Smooove 1 io Silver Shine	62,80 €	
1811013	Smooove 1 A/M io Pure Shine	62,80 €	
1811015	Smooove 1 A/M io Black Shine	62,80 €	
1811014	Smooove 1 A/M io Silver Shine	62,80 €	
io-homecontrol® - WEATHER SENSORS io			
1818285	Sunis WireFree II io - new solar sensor	115,00 €	
1816084	Eolis WireFree io - wind sensor for the facade	125,00 €	
io-homecontrol® - OTHER CONTROL			
1811131	EVb io - receiver for external blinds - with Hirschmann female plugs	183,75 €	
1811132	EVb io - receiver for external blinds - with cables	192,00 €	

PROLINE 2			
WALL RADIO TRANSMITTERS			
286500001	Monotec	48,00 €	
286550001	QuinTec-868 5-channel transmitter NEW	85,00 €	
RADIO TRANSMITTERS			
282650002	Tempo Tel 2 10+ 1-channel remote with a timer	126,00 €	
284350001	Monocom Slide 1-channel remote with a slider NEW	63,00 €	
284550001	Varicom Slide 6-channel remote with a slider and the on/ off solar automation NEW	103,00 €	
PROLINE 2 - WEATHER SENSOR			
284600006	Aero-868 AC 230 V	280,00 €	
284800006	Aero-868 Plus wind & sun sensor – solar powered NEW	285,00 €	
RADIO RECEIVERS			
284000006	Revio-868 flush-mounted receiver (with a possibility of a manual switch) NEW	112,50 €	



ORDER FOR EXTERNAL BLINDS

No. of delivery date

stamp of the Ordering Party delivery address (if different from the Ordering Party)



Fig. 1

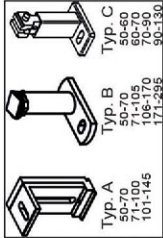


Fig. 2

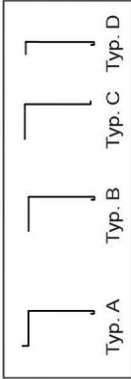


Fig. 4



Fig. 5

TEXTILES		COLOUR	
		GRAY	BLACK

CORD GUIDE



No.	Dimensions of the blinds		Slats		Leading		Safety plate				Drive type			Operation (viewed from the inside)		Notes: e.g. additional components, switches, remotes, type of the electric drive.			
Quantity	Width (cm)	Height (cm)	Type (C80, Z90) (Fig. 1)	Color	Slat rotation (applies to C80)		Bottom lath	Guide		Cord (C80 only)	Cord handle type (Fig. 3) (C80 only)	Type of safety plate (Fig. 4)	Side end cap of the safety plate (Fig. 5)	Plate thickness		Crank (standard 2/3 height)	Crank length (other than standard)	Location of the passage axis	Motor
					90°	180°								1,5 mm	2 mm				
1																			

3																
4																
5																
6																
7																
8																
9																

NOTES, SKETCHES (VIEW FROM THE INSIDE)

Please read the explanations before completing the form.

NOTE: Individual changes in the content of the order form can lead to the incorrect completion of the order. Complaints of this type shall not be considered.
I hereby declare that I transfer personal data of a natural person to you for the purpose of the contract execution under the consent for processing of personal data disclosed in compliance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016.

EXPLANATIONS TO THE ORDER FOR C80, Z90 PORTOS EXTERNAL BLINDS

1. Enter the number and date of placing the order, and the desired date of the order completion.
2. Please enter the delivery address for the blinds if established other than the company address.
3. Specify the color of the winding tape and ladder for the C80 or Z90 blind. Cord leading is a grey or black steel cord in a transparent PVC matrix. If the color is not specified, grey is assumed, except for slats with RAL9005 color where black is assumed.

No.	Quantity	Dimensions of the blinds		Slats		Bottom lath	Leading				Safety plate			Drive type				Operation (viewed from the inside)		Notes: e.g. additional components, switches, remotes, type of the electric drive.		
				Type (CB0, Z90) (Fig. 1)	Color		Slat rotation (applies to CB0)		Guide		Cord handle type (Fig. 3) (CB0 only)	Type of safety plate (Fig. 4)	Side end cap safety plate (Fig. 5)	Plate thickness		Crank (standard 2/3 height)						
		Width (cm)	Height (cm)			Type (P-single, PD-double)	Color	Guide handle type (Fig. 2)						Cord (CB0 only)	1,5 mm	2 mm	Color	Crank length (other than standard)	45/90		Location of the passage axis	L
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

1. Enter the quantity of external blinds of the same type.
2. Enter the total width of the external blind according to the dimensioning method p. 5 and 7 in the catalogue.
3. Enter the total height of the external blind according to the dimensioning method p. 5 and 7 in the catalogue.
4. Specify the external blind type: C80 or Z90 according to Fig. 1 on the order form.
5. Choose the slat color according to the available color list (DB 703 - steel anthracite, 7016 - anthracite, 7035 - light grey, 9005 - black, 9006 - silver, 9007 - grey aluminium, 9016 - white, VSR 240 - beige, VSR 780 - olive).
6. Determine the slat rotation: 900 or 1800 (Standard is 900).
7. Choose the bottom lath color according to the available color list (DB 703 - steel anthracite, 7016 - anthracite, 7035 - light grey, 9005 - black, 9006 - silver, 9007 - grey aluminium, 9016 - white, VSR 240 - beige, VSR 780 - olive).
8. Specify the type of external blind guides, enter P - single (F-PP), PD - double (F-PPD), or full guides: F-FBR-010, F-FBR-020, F-FBR-030, F-FBR-040.
9. Choose the guide color according to the available color list (DB 703 - steel anthracite, 7016 - anthracite, 7035 - light grey, 9005 - black, 9006 - silver, 9007 - grey aluminium, 9016 - white, VSR 240 - beige, VSR 780 - olive).
10. Enter the selected type of the guide handle in accordance with Fig. 2 on the order form (Standard is A 50-70 Type). TYPE A = F-UPP, TYPE B = F-UPT, TYPE C = F-UPU.
11. Mark X in the case of using a steel cord leading (only applicable for C80 type).
12. Enter the selected type of the cord handle in accordance with Fig. 4 on the order form. In the case of C80 blinds with cord leading, please enter the width of the safety plate in the “Notes” position.
13. Enter the selected type of the safety plate in accordance with Fig. 3 on the order form.
14. Mark X in the case of using a side end cap for the safety plate.
15. Determine the thickness of the safety plate: 1.5 mm or 2 mm.
16. Choose the color of the safety plate and side end caps according to the available color list (DB 703 - steel anthracite, 7016 - anthracite, 7035 - light grey, 9005 - black, 9006 - silver, 9007 - grey aluminium, 9016 - white, VSR 240 - beige, VSR 780 - olive). If side end caps are used for the safety plate, the color of the side end caps is the same as the color of the safety plate.
17. Enter the length of the crank other than the standard one (Standard is 2/3 of the blind height).
18. Determine the angle of the crank guide entry 450 or 900.
19. Specify the position of the crank guide entry (A: -17mm, B: +25mm, C: „0“). As standard, for aluminium guides the A position is assumed, while for the cord guide the C position is only available).
20. Electric drive. If an electric drive is used to operate an external blind, this fact should be marked with an X in the motor column. In case the motor is not specified, ELERO motor will be selected as standard.
21. Side of the location (of the crank, switch) when viewed from the inside of the room.
22. Suggestions regarding individual items (type of the electric drive, switches, remotes etc.) Additional notes or auxiliary figures can be placed under the table. All figures and sketches should be made with a view from the inside of the room.

The external blind and its components have been designed in such a way that they will not be permanently deformed during proper use.

During use, follow the instructions given by the manufacturer.

The blinds can be used at temperatures between -25°C and +45°C.

Do not use the blinds in case of icing.

The continuous operation of a blind equipped with an electric motor should not be longer than 4 minutes.

When activating the blind, within its operating range i.e. directly under the curtain, there should be no objects or persons disturbing the operation.

When the blinds are fully open, the bottom lath should always be in the side guides.

The electromechanical drives and the manual drive (crank mechanism) are used to close and open the external blind. In order to avoid the possibility of the curtain blocking during lowering (e.g. after the construction of the house), it is necessary to re-move dirt from the gaskets in the side guides of the external blinds.

Inspection and maintenance work must be carried out at least every 3 months in accordance with these instructions. Basic maintenance operations can be performed by the user with no special entitlements.

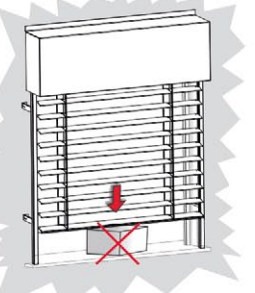
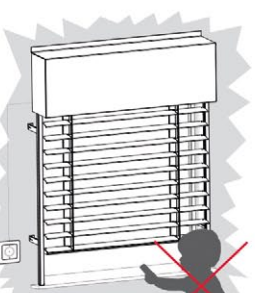
These operations consist in removing particles of sand and other impurities from the curtain and the inside of the guides as well as visual inspection of the general condition of the blinds, completeness control, condition and operational effectiveness of all structural elements.

When conducting maintenance operations, the following rules must be observed:

- 1. Maintenance must be carried out when the external blind is secured still, in this case it is advisable to disconnect the power supply for maintenance.
- 2. Do not use sharp or rough tools to clean the blind.
- 3. Do not use any viscous preservatives, such as spray grease.
- 4. Wash the surface of the blind with lukewarm water using mild cleaning agents with a neutral pH, preferably at the lowest temperature of +10°C.

NOTE - detergents and caustic substances can damage or discolour the paint coat.

Any damage caused due to special weather conditions or natural wear cannot be claimed.

	Make sure that there are no persons in the blind's operation area and that no objects preclude the operation.
	In no case should the blind be loaded, it leads to direct damage.
	During frosts and snowfalls, the blind may become iced. Then, do not try to open or close the blind. The blind can be used only after removing the icing.
	The blind should be controlled by authorized persons; children are not allowed to play with a remote or a switch. The remote must be protected against access by children.

I. The words: the Seller, PORTOS or the Buyer used in the text below mean:
The Seller, PORTOS is a company PORTOS TR7 spółka z ograniczoną odpowiedzialnością spółka komandytowa [PORTOS TR7 limited liability company limited partnership], that sells its goods. The Buyer is a natural person conducting business activity or a legal person ordering goods contained in the Seller's commercial offer.

II. PRICE

1. The prices are net prices (they do not include VAT). The predetermined individual discount must be deducted from these prices.
2. The given prices are unit prices of goods with specified dimensions, per unit, running meter, pair or set.
3. If the Parties have not agreed otherwise, the price of the blind includes the cost of transport to the office/sales point of the Buyer.
4. In the case of orders for additional components with a value below 100 EURO gross, an extra charge for transport is added in the amount of 60 EURO gross.
5. The PORTOS company reserves the right to change the price in the case of ordering a minimum of 20 pieces of the same size.

III. PAYMENT AND DELIVERY

1. The place and date of delivery shall be provided by the Buyer in the order content.
2. The time of order completion in colours and with equipment specified as standard lasts 15-21 working days from the date of sending the written order. Possible earlier or later delivery date of standard products and the completion date for non-standard products should be agreed individually with employees of the Seller's sales department. In special cases beyond the control of the Seller, the completion date may be extended.
3. Orders should be submitted in writing (e.g. by fax) only on the original order forms of the PORTOS company.
4. Placing an order is tantamount to accepting it for completion, however, the Seller reserves the right to suspend the order completion in the event of exceeding the value of the trade credit given or until payment of amounts due or prepayment is made.
5. Cancellation or change of the order by the Buyer may be accepted by the Seller without any consequences, only if the order has not been made (produced) yet. If the Buyer cancels an order already made, he is obliged to pay the entire amount.
6. In exceptional cases, the Seller may, at the request of the Buyer, repurchase the previously sold goods for part of the value, provided that the returned goods are not damaged.
7. Discounts, forms of cooperation and payment date are specified in detail and individually in the "Terms and Conditions of Cooperation" provided in writing to the Buyer.
8. Any changes to the terms and conditions of cooperation will always be provided to the Buyer in writing.
9. The day of making the payment is considered to be the date on which the Seller received cash, and in the case of a transfer, the date of crediting the Seller's account.
10. The Seller has the right to change the terms and conditions of cooperation with immediate effect without notification of the Buyer in the following cases:
 - a) late payment,
 - b) gross violation of terms and conditions of cooperation,
 - c) repeated unjustified complaining of purchased goods.
11. In case of delay in payment, the Seller has the right to take the case to court.
12. The Buyer undertakes to collect the ordered goods at the agreed time and carry out unloading at the place of delivery.
13. All and any risks of damage or loss of goods shall pass to the Buyer upon starting the unloading.
14. If the Buyer collects the goods with his own transport, he is obliged to do it at working hours of the Seller's warehouses and after prior appointment. In the case of collecting by a person other than the owner of the company, a written authorization to collection is required.
15. At the Buyer's request, the Seller may send the goods by a forwarding company, where the shipping costs are covered by the Buyer and the Seller is not responsible for the goods sent.
16. Handing over of goods to the Buyer is always carried out on the basis of a delivery note (WZ). Signing the document by both Parties without any objections means that the goods have been handed over in quantity included in the delivery note and have no apparent defects.
17. Failure to collect the goods at a pre-determined and confirmed date results in adding an extra charge (not less than 60 EURO gross) for redelivery to the Buyer's office/ sales point. The next delivery will be possible after making payment of 100% of the goods value.

IV. COMPLAINTS OF APPARENT AND QUANTITATIVE DEFECTS

1. Checking the quantitative status is the responsibility of the Buyer and should take place at the moment of collecting the goods. Non-compliance should be immediately reported to the driver or the warehouseman and marked in the delivery note under pain of losing all claims in this respect.
2. In the case of quantity shortages, the Seller is obliged to deliver the missing goods immediately, while the Buyer should pay for the goods actually delivered within the set time.
3. Finding apparent defects such as: mechanical damage, deep scratches, cracks and breakage should be reported at the time of collection and marked in the delivery note under pain of losing all claims in this respect.
4. The goods that had apparent defects and were returned to the Seller shall be repaired or replaced immediately and re-delivered to the Buyer.
5. The Buyer has the right to refuse payment for defective goods, but he is also obliged to pay for the delivered goods not subject to complaint.
6. Product minor defects which are invisible after installation, are not subject to complaint and are not covered by the warranty.
7. Orders which have been submitted in a different form than on the original order form of the Seller are not subject to complaint.
8. Complaints about scratched, dented or damaged elements will not be considered after installing the blinds, they must be notified before installation.

V. WARRANTY

1. The warranty is granted for a period of 2 years (Blinds) and 5 years (Drives) from the date of collecting the goods by the Buyer.
2. Hidden defects, i.e. defects that cannot be detected at the time of collecting the goods, the Buyer is obliged to report in writing, immediately after they are found, but no later than 14 days from the date of collecting the goods.

3. Warranty rights arise at the time of making all payments for the delivered goods and any hidden defects do not release the Buyer from the obligation of timely payment settlement.
4. The warranty does not cover the consequences of improper installation (connection) of purchased goods, improper use and natural wear of materials.
5. The Seller is obliged to give a reply to the Buyer's complaint not later than within two weeks from the filing date.
6. The warranty obligations should be fulfilled by the Seller as soon as possible, however not later than within 21 days from the filing date, unless the Parties set a different time limit for removal of defects.
7. The protective foil should be removed within 3 weeks from the date of purchase.
8. The PORTOS company does not consider complaints regarding differences in the shades of blind components of the same colours. Discrepancies depend on semi-finished products supplied by manufacturers at different intervals.
9. We provide service only in Poland, otherwise we deliver the elements to the Buyer's office.
10. In the case of building on the blind elements, the Buyer is obliged to, at his own expense, provide the PORTOS service technician with free access to make a repair, and in the case of blinds mounted higher than on the ground floor provide a lift or assembled scaffolding.
11. The method of resolving complaints and the division of activities between the Seller and the Buyer is as follows:

The Seller:

 - undertakes to provide the Buyer with invoiced, complained product elements for replacement in accordance with the applicable payment terms,
 - undertakes to issue a correcting invoice after settlement of the complained elements sent back by PORTOS transport or deliver Goods free from defects in the same quantity, in justified cases the warranty service of the Seller will carry out a free warranty repair,
 - undertakes to make an expertise on the complained elements sent by PORTOS transport and inform the Buyer about further activities.

The Buyer:

 - undertakes to send the complained product elements by Portos transport in order to make an expertise,
 - in the case of submitting a complaint, he is not exempt from full payment for the Goods. If the complaint is accepted due to a defect, the appropriate part of the price paid by the Buyer shall be returned to the Buyer based on the relevant correcting invoice immediately after returning the correcting invoice signed to the Seller,
 - undertakes to replace the complained elements on his own, at the same time to cover the costs of their replacement (repair) and travel costs for warranty repair,
 - has the right to call the Seller's warranty service if repair of the blind does not bring the desired effect,
 - bears sole responsibility for improper installation and connection of purchased products,
 - ensures that the installation of products will be carried out by qualified installation teams in accordance with the design, installation instructions and the building rules. The installation should not limit the free access to the blinds. Electrical installations should be made by people with SEP rights. In the case of an unjustified call for warranty service of the Seller, the Buyer shall be charged with the costs of travel to the place of complaint and repair costs.
12. The PORTOS external blind is a constructional hole element that provides additional protection for the closed window or door opening. If installed in a different hole, the blind is not covered by the warranty.
13. Performing all activities in the field of programming controllers, switches or motors including adjustment of the end positions should take place after installing the blind by the fitters.
14. During frosts, the blinds can freeze. Then, it is necessary to avoid sudden pulling and not to open or close the deeply frozen blinds. Damage caused as a result of not complying to the above-mentioned recommendations shall not be recognized.

VI. DOCUMENTS REQUIRED FOR COOPERATION

1. In order to start cooperation, it is necessary for the Buyer to submit the following documents:
 - Certificate of entry in the register of business activity or excerpt from the commercial register,
 - Certificate of assignment of the REGON number,
 - Decision on assignment of the tax identification number (NIP),
 - Declaration of consent for issuing invoices without signature (original), signed by the owner of the company or a person authorized by him in writing or a list of persons authorized to receive and sign VAT invoices.

VII. OTHER PROVISIONS

1. At the Buyer's request, the Seller may organize training in the field of installation, service and repairs of the products offered.
2. The Seller undertakes to provide a catalogue of finished products and advertising brochures free of charge.
3. It is possible to make blinds for advertising and exhibition purposes including partial refund of the exhibition in the form of an individually determined discount.
4. The Seller reserves the right to make technical changes in the presented catalogue offer and should notify the Buyer about them.
5. These General Terms of Sale and Delivery are the only contractual regulation binding the Parties in the field of sales of goods.
6. The Buyer accepts the above terms of sale and delivery by placing the relevant signature at the time of placing the order.
7. In matters not regulated by the above provisions, the relevant provisions of the Civil Code shall apply.
8. All disputes arising from the implementation of the above provisions shall be settled by the common court competent for the registered office of the Seller.
9. All photos and drawings contained in the catalogue are for reference only.
10. Detailed installation instructions for blinds and our products are included on the website www.portos.company
11. The Buyer may lose the rights arising from the warranty by not following the instructions included in installation instructions as well as technical conditions of blinds and electrical devices.



.....
/place, date/

.....
/stamp of the Complaining Party/

COMPLAINT

I am filing a complaint for external blinds at PORTOS – according to the Invoice
No..... of, delivery note No..... item.....
The complaint refers to:.....

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Therefore, I am asking for:

.....
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Contact details of a person with SEP rights to connect drives*

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I understand that:
- In the event of an unjustified call for warranty service, i.e. in which the service technician did not find an error on the part of the PORTOS company, the Complaining Party shall be charged with travel costs and possible repair;
- In the event of a call and arrival of a service technician from the PORTOS company, a representative of the Complaining Party must be at the place of the complaint, for determination of the fault, defect and the manner of its removal.

I hereby declare that I transfer personal data of a natural person to you for the purpose of the complaint handling process under the consent for processing of personal data disclosed in compliance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016.

* - refers to complaints about drives

.....
/signature of the person making the complaint/



