



IRRIGATION PRICE LIST

01/08/2018



new products 2018



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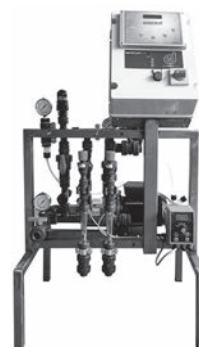
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► DRIPLINE

FLOW-TAPE Ø 16 tape non- pressure compensating			
Tickness mil	Roll mt	€/mt	€/roll
6	3.050	0,072	220,00
8	2.200	0,083	183,00
10	1.830	0,107	195,00

FLOW-TAPE Ø 22 tape non- pressure compensating			
Tickness mil	Roll mt	€/mt	€/roll
7	1.970	0,104	204,00
8	1.830	0,110	201,00
10	1.340	0,140	187,00

FLOW-TAPE Ø 25 tape non- pressure compensating (on request)			
Tickness mil	Roll mt	€/mt	€/roll
8	1.350	0,144	195,00
10	1.150	0,181	208,00
12	900	0,209	188,00

CODE COMBINATION TO ORDER				
Code	Ø	Mils	Spacing	Flow rate
TSAT	5 = Ø16	6 = 6mils	1 = 0,10	06 = 0,6
	7 = Ø22	8 = 8mils	2 = 0,20	08 = 0,8
NEW		10 = 10mils	3 = 0,30	12 = 1,2
			4 = 0,40	15 = 1,5

N.B: on request available also Flow-Tape Ø23

Dripline Rodrip Ø 16 - standard rolls						
Tickness	Roll mt	Spacing cm	Q l/h for 100 mt	Code	€/mt	€/roll
6 mil	3.048	10	750 - 1050	TSAT121	0,090	294,00
		20	500	TSAT123		
		30	300	TSAT125		
		41	250	TSAT126		
8 mil	2.286	10	750 - 1050	TSAT141	0,106	266,00
		20	500	TSAT143		
		30	300	TSAT145		
		41	250	TSAT147		

Dripline Rodrip Ø 19 - standard rolls*						
Tickness	Roll mt	Spacing cm	Q l/h for 100 mt	Code	€/mt	€/roll
6 mil	2.743	30	300	TSAT304	0,100	274,30

* while stocks last

Dripline Rodrip Ø 22 - standard rolls						
Tickness	Roll mt	Spacing cm	Q l/h for 100 mt	Code	€/mt	€/roll
8mil	1737	20	500	TSAT399	0,143	247,00
		30	185 - 300	TSAT400		
			300	TSAT401		

N.B: on demand T-TAPE

► LIGHT DRIPLINE

Light dripline T-SAL Ø 16								
Tickness	Roll mt		Spacing cm	l/h	Code	€/mt	€/roll sh.d.	€/roll lo.d.
	Short dripper	Long dripper						
6 mil	2.700	2.300	15	1,0 short dripper	TSAL400	0,094	253,80	216,20
	2.800	2.400	20		TSAL401	0,079	221,20	189,60
	2.900	2.500	25		TSAL402	0,071	205,90	177,50
			30		TSAL403	0,069	207,00	179,40
			40		TSAL404	0,066	198,00	171,60
3.000	2.600	50	TSAL405		0,065	195,00	169,00	
		15	TSAL160		0,103	267,80	226,60	
		20	TSAL161		0,088	237,60	202,40	
8 mil	2.600	2.200	25		TSAL162	0,079	221,20	189,60
			30		TSAL163	0,076	220,40	190,00
	2.700	2.300	40		TSAL164	0,074	214,60	185,00
			50		TSAL165	0,073	211,70	182,50
			20		TSAL451	0,096	220,80	192,00
2.800	2.400	25	TSAL452		0,089	213,60	186,90	
		30	TSAL453		0,086	215,00	197,80	
		40	TSAL454	0,084	210,00	193,20		
		50	TSAL455	0,082	205,00	188,60		
10 mil	2.300	2.000	20	2,3 long dripper	TSAL531	0,113	339,90	288,20
			25		TSAL532	0,105	315,00	267,50
	2.400	2.100	30		TSAL533	0,102	307,20	261,40
			40		TSAL534	0,097	291,60	247,90
			50		TSAL535	0,096	288,00	244,80
2.500	2.300	15	TSAL630		0,135	405,00	341,25	
		20	TSAL631		0,122	366,00	310,50	
		25	TSAL632		0,115	345,00	292,50	
12 mil			30		TSAL633	0,112	336,00	285,00
			40		TSAL634	0,110	330,00	280,00
			50		TSAL635	0,108	324,00	276,00



FLOW-TAPE tape non pressure compensating



Internal dripper



Internal dripper



Rodrip standard roll



T- SAL light dripline



T-SAL short dripper



T-SAL long dripper



AGRICULTURE



T-SAL light dripline



T-SAL short dripper

Light dripline T-SAL Ø 22									
Tickness	Spacing cm	Roll mt		l/h	Code	€/mt	€/roll sh.d.	€/roll lo.d.	
		Short dripper	Long dripper						
8 mil	20	2.000	1.400	1,0 short dripper	TSAL702	0,103	206,00	144,20	
	25		1.500		TSAL701	0,100	200,00	150,00	
	30	2.100	1.600		TSAL703	0,098	205,80	156,80	
	40		1.800		TSAL704	0,096	201,60	153,60	
	50		2.100		TSAL705	0,095	199,50	171,00	
10 mil	20	1.400	1.200		TSAL761	0,118	165,20	141,60	
	25		1.300		TSAL762	0,111	155,40	144,30	
	30	1.600	1.400		TSAL763	0,108	172,80	151,20	
	40				TSAL764	0,104	166,40	145,60	
	50				TSAL765	0,102	163,20	142,80	
12 mil	20			1.050	2,3 long dripper	TSAL831-S	0,137		143,85
	25					TSAL832-S	0,130		136,50
	30		1.250	TSAL833-S		0,129		161,25	
	40			TSAL834-S		0,126		157,50	
	50			TSAL835-S		0,125		156,25	
15 mil	20		900	TSAL871-S		0,145		130,50	
	25		1.000	TSAL872-S		0,142		142,00	
	30		1.100	TSAL873-S		0,140		154,00	
	40			TSAL874-S		0,138		151,80	
	50			TSAL875-S		0,137		150,70	

N.B: on request available also dripline T-sal Ø25

NEW



T-SAL long dripper

Small roll light dripper Ø 16						
Tickness	Spacing cm	Roll mt	l/h	Code	€/mt	€/roll
8 mil	20	250	1,5	TSAL1072	0,116	29,00
	30			TSAL1074	0,100	25,00
	20		2,2	TSAL1082	0,116	29,00
	30			TSAL1084	0,100	25,00

N.B: On request other flow rate available for short dripper: 0,6 - 1,0 - 1,4 lt/h
other flow rate available for long dripper: 0,8 - 1,15 - 1,5 - 2,3 - 3,8 lt/h

► HEAVY DRIPLINE



NEW GR 4 holes non-pressure compensating heavy dripline

NEW GR Ø 16 dripline non-pressure compensating						
Tickness	Spacing cm	Roll mt	l/h	Code	€/mt	€/roll
1,1 mm (43 mil)	20	400	2,0	TSAP320	0,340	136,00
	30			TSAP321	0,284	113,60
	40			TSAP322	0,273	109,20
	50			TSAP323	0,266	106,40
	60			TSAP324	0,256	102,40
	80			TSAP325	0,254	101,60
NEW GR Ø 20 dripline non-pressure compensating						
Tickness	Spacing cm	Roll mt	l/h	Code	€/mt	€/roll
1.2 mm (47 mil)	20	300	2,2	TSAP330	0,439	131,70
	30			TSAP331	0,370	111,00
	40			TSAP332	0,352	105,60
	50			TSAP333	0,341	102,30
	60			TSAP334	0,325	97,50
	80			TSAP335	0,324	97,20

N.B: On request other flow rate available Ø 16 1,0 - 2,0 - 4,0 lt/h and Ø 20 3,5 lt/h

Heavy dripline self compensating SUPERDRIP Anti-Siphon (AS) SUPER-DRIP						
Tickness	Spacing cm	l/h ⁽¹⁾	Ø16 - 500mt	€/mt	Ø20 - 400mt	€/mt
1 mm (40 mils)	20	2,1	TAG365	0,530	TAG375	0,596
	30		TAG367	0,467	TAG377	0,531
	40		TAG368	0,436	TAG378	0,498
	50		TAG369	0,417	TAG379	0,478
	60		TAG370	0,404	TAG380	0,465
	70		TAG371	0,397	TAG381	0,458
	80		TAG372	0,389	TAG382	0,450
	90		TAG373	0,384	TAG383	0,445
	100		TAG374	0,379	TAG384	0,440

Heavy dripline self compensating SUPERDRIP Standard (RC) SUPER-DRIP						
Tickness	Spacing cm	l/h ⁽¹⁾	Ø16 - 500mt	€/mt	Ø20 - 400mt	€/mt
1 mm (40 mils)	20	2,1	TAG422	0,514	TAG442	0,578
	30		TAG423	0,453	TAG443	0,515
	40		TAG424	0,423	TAG444	0,483
	50		TAG425	0,404	TAG445	0,464
	60		TAG426	0,392	TAG446	0,451
	70		TAG427	0,385	TAG447	0,444
	80		TAG428	0,377	TAG448	0,437
	90		TAG429	0,372	TAG449	0,432
	100		TAG430	0,368	TAG450	0,427

⁽¹⁾ Available from 1 l/h

N.B: on request available also dripline Superdrip Ø23

NEW



SUPER-DRIP pressure compensated heavy dripline

Dripline pressure compensated PC2 NO DRAIN ø16					
Tickness	Spacing cm	Roll mt	l/h	Cod.	€/mt
1 mm (40 mil)	15	400	1,75	TAG459	0,813
	20			TAG460	0,701
	30		2,35	TAG462	0,549
	40			TAG464	0,488
	50			TAG465	0,447
	60			TAG466	0,435

Dripline pressure compensated PC2 NO DRAIN ø20					
Tickness	Spacing cm	Roll mt	l/h	Cod.	€/mt
1 mm (40 mil)	20	300	2,35	TAG312	0,869
	30			TAG314	0,694
	40			TAG315	0,610
	50			TAG316	0,559
	60			TAG336	0,534
1,143 mm (45 mil)	20			TAG330	0,894
	30			TAG333	0,711
	40			TAG334	0,661
	50			TAG335	0,600
	60			TAG332	0,569



PC2 NO DRAIN dripper

N.B: On request other flow rate available 1,75 - 2,35 - 3,75 lt/h

PC2 Ø 16 dripline pressure compensating					
Tickness	Spacing cm	Roll mt	l/h	Code	€/mt
1,10 mm (43 mil)	30	400	2,2	TSAU022	0,500
	40			TSAU023	0,460
	50			TSAU024	0,436
	60			TSAU025	0,413
	80			TSAU026	0,401

PC2 Ø 20 dripline pressure compensating					
Tickness	Spacing cm	Roll mt	l/h	Code	€/mt
1,25 mm (47 mil)	30	300	2,2	TSAU032	0,604
	40			TSAU033	0,563
	50			TSAU034	0,538
	60			TSAU035	0,509
	80			TSAU036	0,501



PC2 pressure compensated dripline

N.B.: On request other flow rate available PC2 Ø 16 da 1,35 e 3,90 lt/h and PC2 Ø 20 da 1,55 e 3,90 lt/h - for all driplines on request available also other spacings

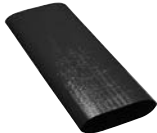


SUN-FLOW

► LAYFLAT AND FITTINGS



PMGROUP
FLUID TECHNOLOGY



NEW

To use fittings
RMP631-RMP632-
RMP637-RMP638
for TSAL; RMP639-
RMP640-RMP641-
RMP642 for
Flowtape/TSAL as
you can see on
pictures F, G, R, S
on page 11

Layflat SF10 Blue							
Model	Color	Ø int. mm	Approx. tickness mm	Ø	Code	Roll mt	€/m
SF10	Blue	53,1	1,5	2"	TMN501	100	2,30
		65,0		2 1/2"	TMN502		3,32
		78,0	1,6	3"	TMN503		4,46
		104,9	1,7	4"	TMN504		5,97
		128,0	1,8	5"	TMN505		8,15
		156,5	1,9	6"	TMN506		10,06
		207,0	2,2	8"	TMN508		22,47

Layflat SF55 Grey							
Model	Color	Ø int. mm	Approx. tickness mm	Ø	Code	Roll mt	€/m
SF55	Grey	52,8	2,2	2"	TMN550	100	4,01
		78,0	2,5	3"	TMN552		8,56
		104,9	2,9	4"	TMN553		12,58
		128,8	3,3	5"	TMN554		18,10
		154,9	3,7	6"	TMN555		22,46

Layflat SF20 Green ⁽¹⁾							
Model	Color	Ø int. mm	Approx. tickness mm	Ø	Code	Roll mt	€/m
SF20	Green	78,0	3,0	3"	TMN603	91	20,44
		104,0	4,0	4"	TMN604		31,46
		154,0	5,0	6"	TMN605		52,94

⁽¹⁾ While stocks last

TD-FLAT							
Model	Color	Ø int. mm	Approx. tickness mm	Ø	Code	Roll mt	€/m
TD-FLAT	Blue	53,0	1,25	2"	TMN620	100	1,97
		78,0	1,40	3"	TMN623		2,84
		105,0		4"	TMN624		4,03
		128,0	1,75	5"	TMN625		6,75
		156,5	2,00	6"	TMN626		7,87
		207,0	2,30	8"	TMN627		17,22

TN-FLAT							
Model	Color	Ø int. mm	Approx. tickness mm	Ø	Code	Roll mt	€/m
TN-FLAT	Green	53,0	1,70	2"	TMN630	100	2,57
		65,0	1,75	2 1/2"	TMN631		3,09
		78,0	1,90	3"	TMN632		4,92
		105,0	2,00	4"	TMN633		6,33
		128,0	2,30	5"	TMN634		7,87
		156,5	2,40	6"	TMN635		11,89

TR-FLAT							
Model	Color	Ø int. mm	Approx. tickness mm	Ø	Code	Roll mt	€/m
TR-FLAT	Red	65,0	2,30	2 1/2"	TMN640	100	6,08
		78,0	2,35	3"	TMN641		6,81

Pre-holed layflat with pre-inserted starter 1/2" F								
Model	Color	Ø int. mm	Approx. tickness mm	Ø	distance between starters cm	Code	Roll mt	€/m
TD-FLAT	Blu	53,0	1,25	2"	70	TMN2P07S	100	4,14
		78,0	1,40	3"		TMN3P07S		5,12
		105,0		4"		TMN4P07S		6,47
		128,0	1,75	5"		TMN5P07S		9,40
		156,5	2,00	6"		TMN6P07S		10,65
		207,0	2,20	8"		TMN8P07S		22,28
		53,0	1,25	2"	90	TMN2P09S		3,76
		78,0	1,40	3"		TMN3P09S		4,73
		105,0		4"		TMN4P09S		6,09
		128,0	1,75	5"		TMN5P09S		9,02
		156,5	2,00	6"		TMN6P09S		10,27
		207,0	2,20	8"		TMN8P09S		21,90
		53,0	1,25	2"	100	TMN2P10S		3,62
		78,0	1,40	3"		TMN3P10S		4,60
		105,0		4"		TMN4P10S		5,95
		128,0	1,75	5"		TMN5P10S		8,88
		156,5	2,00	6"		TMN6P10S		10,13
		207,0	2,20	8"		TMN8P10S		21,76
		53,0	1,25	2"	140	TMN2P14S		3,27
		78,0	1,40	3"		TMN3P14S		4,25
		105,0		4"		TMN4P14S		5,60
		128,0	1,75	5"		TMN5P14S		8,53
		156,5	2,00	6"		TMN6P14S		9,78
		207,0	2,20	8"		TMN8P14S		21,41
		53,0	1,25	2"	150	TMN2P15S		3,24
		78,0	1,40	3"		TMN3P15S		4,21
		105,0		4"		TMN4P15S		5,57
		128,0	1,75	5"		TMN5P15S		8,49
		156,5	2,00	6"		TMN6P15S		9,75
		207,0	2,20	8"		TMN8P15S		21,37



Layflat and dripline fittings								
Description	Ø hole on flat	Ø	Fig.	Code	Box	€		
Starter Layflat x Tape 16	19 mm	16 mm	A	RMP608	800	1,20		
Starter Layflat x Tape 22	14 mm	22 mm	B	RLF050	600	1,10		
Starter Pipe PE x Tape		16 mm	C	RMP624	2.000	0,35		
		22 mm		RMP811	600	0,69		
Coupling for tape		16 mm	D	RMP611	800	0,45		
		22 mm		RMP612	800	0,70		
M thread fitting x Tape		3/4" x 16 mm	E	RMP620	1.200	0,20		
		3/4" x 22 mm		RMP775	500	0,80		
Tee for Tape with male connector 1/2"		16x1/2" M	F	RMP639	300	1,10		
		22x1/2" M		RMP640	200	1,55		
Elbow for Tape with male connector 1/2"		16x1/2" M	G	RMP641	550	1,00		
		22x1/2" M		RMP642	450	1,20		
Starter Layflat x Pipe 10mm	14 mm	10 mm	H	RLF001	1.500	1,12		
Plug for holes in Layflat pipe				3/8" Ø screw	I	RLF002	50	0,49
				1/2" Ø screw		L		RLF006

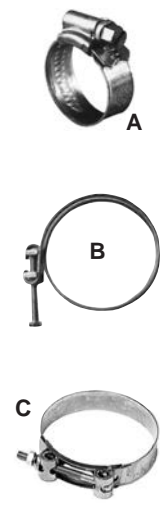
Starter Layflat x TSAL	14 mm	16 mm	M	RLF024	500	0,55
		22 mm		RLF025	400	1,00
	19 mm	16 mm	N	RLF007		0,20
		22 mm		RLF008	350	0,36
Starter Pipe PE x TSAL		16mm	O	RMP616	3.200	0,20
		22mm		RMP618	1.600	0,36
Coupling for TSAL		16mm	P	RMP626	2.000	0,25
		22mm		RMP627	1.000	0,47
M thread fitting x TSAL		16 mm x 3/4"	Q	RMP777	600	0,44
		22 mm x 3/4"		RMP776	500	0,65
Tee for TSAL male fitting 1/2"		16x1/2"	R	RMP631	350	1,10
		22x1/2"		RMP632	250	1,55
Elbow for TSAL male fitting 1/2"		16x1/2"	S	RMP637	700	1,00
		22x1/2"		RMP638	500	1,20

Starter Layflat x 3/4"M	14 mm	3/4"	T	RLF010	1.000	0,75
Starter Layflat x 3/4"F			U	RLF013	450	
Starter Layflat x 3/4"M	19 mm	3/4"	V	RLF009	1.000	1,10
Starter Layflat x 3/4"F			Z	RLF014	400	2,40

Layflat tools						
Description		Ø	Fig.	Code	Box	€
Layflat pipe drill	PUNLF 14 orange	14	A	OAF300	1	95,04
	PUNLF 19 blue	19		OAF301		118,80
PG-HP B400 for PE green pipe drill		6	B	OAF250		53,10
Key for LFDRS black coupling Layflat fittings		7	C	OAF310	1	45,60
		10		OAF312		
Hexagon driver key	Angle	13	D	OAF314		15,08
	Tee	3/8"	E	OAF311		28,44
Layflat end line clamp saddle		2" ÷ 4"	F	FPF050		19,00
		4" ÷ 6"		FPF051		20,00

N.B.: mini valves for driplines on page 35

Layflat fittings						
Description	Ø	Fig.	Code	Box	€	
Hose clamp with screw inox W2 - 9mm	15 ÷ 25 mm	A	FFT160	1	0,84	
	25 ÷ 45 mm		FFT161		0,89	
	40 ÷ 60 mm		FFT162		0,94	
Two-wire metal clamp	2" - 50,5 ÷ 56,0 mm	B	FFT406	1	0,93	
	2"1/2 - 60 ÷ 68 mm		FFT401		1,00	
	3" - 76,5 ÷ 84,0 mm		FFT402		2,75	
	4" - 98 ÷ 108 mm		FFT403		3,42	
	5" - 124 ÷ 132 mm		FFT404		4,86	
	6" - 145 ÷ 160 mm		FFT405		8,25	
	2" - SF-55 - 53 ÷ 60 mm		FFT411		0,94	
	5" - SF-55 - 125 ÷ 140 mm		FFT415		6,92	
	6" - SF-55 - 155 ÷ 170 mm		FFT416			
Hose clamp	2" - 52 ÷ 55 mm	C	FFT310	1	1,68	
	2"1/2 - 64 ÷ 67 mm		FFT311		1,98	
	3" - 79 ÷ 86 mm		FFT315		2,29	
	4" - 104 ÷ 112 mm		FFT320		2,75	
	5" - SF-55 - 131 ÷ 140 mm		FFT322		3,25	
	5" - 122 ÷ 130 mm		FFT323		2,90	
	6" - 149 ÷ 161 mm		FFT324		3,75	





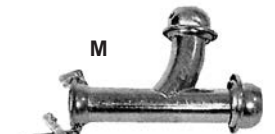
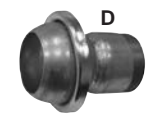
Description		Ø	Fig.	Code	B.	€
F edge-banded spheric sleeve	Galvanised	2" - 50 x 60 mm	A	ACN037	1	16,39
		3" - 76 x 80 mm		ACN039		23,45
		4" - 104 x 100 mm		ACN040		32,32
		5" - 125 x 120 mm		ACN220		39,40
		6" - 150 x 150 mm		ACN114		47,60
M edge-banded spheric sleeve	Galvanised	2" - 50 x 60 mm	B	ACN007	1	11,60
		3" - 76 x 80 mm		ACN009		20,80
		4" - 104 x 100 mm		ACN010		28,33
		5" - 125 x 120 mm		ACN210		33,64
PVC hose adaptor coupling	GreyPVC ⁽¹⁾	2" - 53 mm	C	RGL042	1	3,83
		3" - 75 mm		RGL001		10,06
		4" - 104 mm		RGL002		14,22
		5" - 127 mm		RGL003		53,91
		6" - 156 mm		RGL005		49,00
	Peblue	D	2" - 53 mm	RGL200	2,60	
			3" - 75 mm	RGL202	4,60	
			4" - 104 mm	RGL203	8,00	
			5" - 127 mm	RGL204	15,00	
			6" - 156 mm	RGL205	40,40	
PVC male hose adaptor sleeve	GreyPVC ⁽¹⁾	1 1/2"	E	RGL007	1	3,20
		2"		RGL008		10,83
		2 1/2"		RGL009		13,65
		3"		RGL010		14,06
		4"		RGL011		17,74
		5"		RGL013		105,07
		6"		RGL012		106,42
	PEblue	F	2"	RGL215	2,60	
			2 1/2"	RGL218	3,15	
			3" x 2 1/2"	RGL222	4,10	
			3"	RGL223	4,15	
			3" x 4"	RGL224	5,30	
			4" x 3"	RGL227	6,00	
			4"	RGL228	6,30	
Reduced sleeve	PEblue	5" x 4"	RGL229	11,30		
		5"	RGL230	12,25		
		6" x 5"	RGL231	15,80		
		2" x 3"	RGL207	4,00		
		3" x 4"	RGL211	6,80		
		4" x 5"	RGL212	14,10		
End line cap	H	4" x 6"	RGL213	18,20		
		5" x 6"	RGL214	19,00		
		2"	RGL235	3,40		
		2 1/2"	RGL236	4,00		
		3"	RGL237	5,50		
		4"	RGL238	9,50		
Female hose adaptor sleeve	I	5"	RGL239	13,60		
		6"	RGL240	19,80		
		1 1/2"	RGL015	12,13		
		2"	RGL016	13,61		
		2 1/2"	RGL017	22,12		
		3"	RGL018	28,97		
		4"	RGL019	35,31		
Elbow	GreyPVC	5"	RGL014	102,05		
		6"	RGL030	130,90		
		1 1/2"	RGL031	3,50		
		2"	RGL032	4,20		
		2 1/2"	RGL033	19,55		
		3"	RGL034	29,19		
		4"	RGL035	56,04		
		5"	RGL036	211,86		
Tee fitting	M	6"	RGL037	180,21		
		1 1/2"	RGL022	7,66		
		2 1/2"	RGL023	63,98		
		3"	RGL020	38,16		
		4"	RGL021	87,39		
Tee 2" female threaded deriv. hose adaptor	N	6"	RGL027	273,86		
Tee 2" male threaded deriv. hose adaptor		5" x 5" x 2"	RGL026	194,40		
Tee hose for flange x hose	Galvanized	4" x 4" x 2"	RGL064	77,28		
Vertical connector M x flange x F		4" x DN100 x 4"	ATE119	172,80		
Female threaded flange PN16 ⁽²⁾	Q	4" x DD150 x 4"	ATE120	207,36		
		sf.M150 x DN150 x sf.F150	ADS302	237,60		
		DN80 x 3"	FFA812	35,16		
Zinc plated 8 screws kit + 8 screw nut Ø16	R	DN100 x 4"	FFA813	42,21		
		DN125 x 5"	FFA143	61,21		
		16 x 70	KVB002	10,06		
		16 x 90	KVB003	11,21		
		16 x 120	KVB004	20,05		

⁽¹⁾ While stocks last

⁽²⁾ PN16, PN6, bolts and welded flanges available on request

► BALL GALVANIZED FITTINGS

Description	Ø	Fig.	Code	Box	€
Female hose adaptor galvanized ball coupling half	60 mm	A	AGF001	1	17,08
	80 mm		AGF002		20,67
	100 mm		AGF003		24,24
	120 mm		AGF004		29,54
	150 mm		AGF005		39,69
Male hose adaptor galvanized ball coupling half	60 mm	B	AGM001	1	12,36
	80 mm		AGM002		16,57
	100 mm		AGM003		22,47
	120 mm		AGM004		28,18
	150 mm		AGM005		36,81
Female threaded galvanized ball coupling half	60 mm x 2"	C	ASZ003	1	20,74
	80 mm x 2"1/2		ASZ006		26,63
	80 mm x 3"		ASZ004		26,82
	100 mm x 3"		ASZ101		31,28
	100 mm x 4"		ASZ005		33,57
	120 mm x 4"		ASZ002		40,84
	120 mm x 5"		ASZ007		43,09
Male threaded galvanized ball coupling half	60 mm x 2"	D	ASZ016	1	18,07
	80 mm x 2"1/2		ASZ014		24,08
	80 mm x 3"		ASZ015		24,24
	100 mm x 3"		ASZ012		30,14
	100 mm x 4"		ASZ018		32,57
	120 mm x 4"		ASZ013		40,05
	120 mm x 5"		ASZ019		42,29
M/F 90° galvanized ball curve	60 mm	E	ACZ001	1	34,92
	80 mm		ACZ002		47,17
	100 mm		ACZ003		61,38
	120 mm		ACZ004		87,73
	150 mm		ACZ005		115,98
M/F 45° galvanized ball curve	60 mm	E	ACZ050	1	34,92
	80 mm		ACZ051		47,17
	100 mm		ACZ052		61,38
	120 mm		ACZ053		87,73
Female flanged galvanized ball coupling half	60 x DN65	F	ASZ901	1	56,19
	80 mm x DN80		ASZ900		65,89
	100 mm x DN100		ASZ902		80,83
	120 mm x DN120		ASZ903		103,59
	150 mm x DN150		ASZ904		134,44
Male flanged galvanized ball coupling half	60 mm x DN65	G	ASZ890	1	45,60
	80 mm x DN80		ASZ893		58,64
	100 mm x DN100		ASZ894		69,61
	120 mm x DN125		ASZ895		91,74
	150 mm x DN150		ASZ896		122,84
Male M/deriv galvanized ball coupling half	80mm x 3" x 1"	H	ASZ050	1	42,61
	100mm x 4 "x 3/4"		ASZ051		50,20
	120mm x 4" x 1"		ASZ057		57,13
Female M/deriv galvanized ball coupling half	80mm x 3" x 1"	H	ASZ060	1	52,34
	100mm x 4 "x 3/4"		ASZ061		57,13
	120mm x 4" x 1"		ASZ067		61,32
M/F galvanized ball double curve	60 mm	I	ACD001	1	79,63
	80 mm		ACD002		103,27
	100 mm		ACD003		142,85
	120 mm		ACD004		189,48
	150 mm		ACD005		254,20
90° M/F galvanized ball deriv	60 mm	L	ADS150	1	53,13
	80 mm		ADS151		68,90
	100 mm		ADS152		81,96
	120 mm		ADS149		99,79
	150 mm		ADS154		146,16
M/F galvanized ball deriv curve	60 mm	M	ADS155	1	61,10
	80 mm		ADS156		78,04
	100 mm		ADS157		101,66
	120 mm		ADS158		138,06
	150 mm		ADS159		201,34
Spherical galvanized reducing fitting	120 mm Fx100 mm M	N	ARD003	1	47,58
	120mm Mx100 mm F		ARD009		49,98
	150mm Fx120 mm M		ARD006		64,14
	100mm Mx80mm F		ARD033		41,28
	100mm Mx80mm M		ARD032		40,01
	150mm Mx120mm F	ARD005	62,94		





Description	Ø	Fig.	Code	Box	€
F galvanized ball plug	60 mm	A	ATP001	1	12,39
	80 mm		ATP002		15,88
	100 mm		ATP003		17,79
	120 mm		ATP004		27,46
	150 mm		ATP005		35,61
Rubber bar suction pipe mt 2 with M/F fittings	60 mm	B	TGO050	1 x 2 mt + fitt.	129,74
	80 mm		TGO051		135,84
	100 mm		TGO052		169,10
	120 mm		TGO053		204,81
	150 mm		TGO054		273,33
PN15 bar supply hose mt 2 with M/F fittings	60 mm	B	TGO114	Req.	
	80 mm		TGO115		
	100 mm		TGO116		
	120 mm		TGO117		
	150 mm		TGO118		
Reinforced rubber bar suction pipe mt 2	60 mm	C	TGO001	1 x 2 mt	98,60
	80 mm		TGO002		95,92
	100 mm		TGO003		114,66
	120 mm		TGO004		134,53
	150 mm		TGO005		170,34
Pipe for water discharge PN15 2 mt	60 mm	C	TGO100	1 x 20 mt	50,00
	80 mm		TGO101		74,00
	100 mm		TGO102		100,00
	120 mm		TGO103		130,00
	150 mm		TGO104		160,00
Pipe for water discharge PN15 20 mt	60 mm	C	TGO129	1 x 20 mt	444,00
	80 mm		TGO130		607,31
	100 mm		TGO131		886,58
	120 mm		TGO132		1.131,91
	150 mm		TGO133		1.560,35
M galvanized ball foot valve	60 mm	D	AVF001	1	83,79
	80 mm		AVF002		94,30
	100 mm		AVF003		108,36
	120 mm		AVF004		156,01
	150 mm		AVF005		226,64
Aluminium hydrant's head bayonet coupling	60 mm x 2"	E	ATI001	1	61,94
	80 mm x 3"		ATI002		73,49
	100 mm x 4"		ATI003		104,39
	120 mm x 5"		ATI004		141,07
Flanged reduction	60 mm x 2"	F	ACI010	1	142,80
	80 mm x 3"		ACI011		164,83
	100 mm x 4"		ACI012		180,13
	120 mm x 5"		ACI013		272,00
O ring for ball joint	60 mm	G	AGS001	1	1,01
	80 mm		AGS002		1,22
	100 mm		AGS003		1,75
	120 mm		AGS004		2,36
	150 mm		AGS005		3,98
Gasket for hydraulic joint	60 mm	H	AGR001	1	1,84
	80 mm		AGR002		2,05
	100 mm		AGR003		2,57
	120 mm		AGR004		3,69
Gasket for flange	DN65	I	RNG150	1	1,50
	DN85		RNG110		3,60
	DN100		RNG112		3,70
	DN125		RNG113		3,75



► PRESSURE REGULATION

BERMAD ADJUSTABLE PRESSURE REDUCERS

Description	Ø	m.c.a.	Q m3/h	Fig.	Code	Box	€
Adjustable pressure reducer	3/4"	0,8 ÷ 2,5	0,20 ÷ 5	A	FRP200	1	24,00
		2 ÷ 4			FRP201		
	1"	1 ÷ 2	0,45 ÷ 7	B	FRP209		67,00
		1,5 ÷ 3,5			FRP210		
	1" 1/2	1 ÷ 2	0,45 ÷ 18	C	FRP221		168,00
		1,5 ÷ 3,5			FRP222		









Pressure measurement accessories

Description	Bar	Code	Box	€
Gas coupling pressure gauge Ø 1/4"Ø dial 60mm	0 ÷ 6	FM0030	1	12,89
	0 ÷ 12	FM0035		



Manometer




► **MICROIRRIGATION MOBILE SYSTEM IN PE HD WITH LATCH PN6⁽¹⁾**


Fitting					
Description		Ø mm	Code	Box	€
	Hydrant	75	RRT076	1	8,32
		90	RRT077		8,98
		110	RRT078		11,06
	PVC white riser pipe	1"	H. cm 33	RRT123	0,76
			H. cm 100	RRT126	2,30
	Tee	75x75	RRT032	11,25	
		90x75	RRT033	13,35	
		90x90	RRT034	14,57	
		110x75	RRT035	18,31	
		110x90	RRT036	19,29	
		110x110	RRT037	21,29	
	Elbow	75	RRT068	9,79	
		90	RRT069	11,75	
		110	RRT070	16,19	
	Male head latch	75	RRT176	3,07	
		90	RRT177	3,88	
		110	RRT178	6,24	
	Female head latch	75	RRT086	2,23	
		90	RRT087	3,03	
		110	RRT088	4,82	
	End cap male	75	RRT116	3,74	
		90	RRT117	4,77	
		110	RRT118	6,91	
	Reduction	75x50	RRT054	5,99	
		75x63	RRT055	6,10	
		90x75	RRT056	7,86	
		110x75	RRT057	10,38	
		110x90	RRT058	11,52	
		125x90	RRT059	17,80	
	Cross	75x50	RRT004	11,42	
		75x63	RRT005	12,20	
		75x75	RRT006	14,18	
		90x75	RRT007	16,41	
		90x90	RRT008	18,26	
		110x75	RRT009	21,21	
		110x90	RRT010	22,98	
		110x110	RRT011	27,50	
	Pump connector	75	RRT108	7,49	
		90	RRT109	10,07	
	Adaptor F/F	1"x3/4"	RRT127	0,17	
Pipe					
Description		Ø	Code	Box	€
	Pipe Pe PN6 bar of 6 mt with quick connector	50	RRT098	1	19,31
		63	RRT099		23,56
		75	RRT100		32,52
		90	RRT101		45,78
		110	RRT102		72,77
		140	RRT104		135,27



⁽¹⁾ For the product availability contact the sales representative



► INTEGRATED SYSTEM PUMP, FILTER AND FERTIGATION

Integrated system pump, filter and fertigation with pump and cardan ⁽¹⁾				
Description	Ø filter	Code	€	
Capacity max 540 gpm max pressure 8 bar cockpit + fitting Rovatti pump T4 125E	6"	GMP012	18.304,00	
	8"	GMP011	19.232,00	
	10"	GMP010	19.584,00	
Version with gearbox lifting frame + various fittings gearbox Pump Rovatti T4 125E	6"	GMP033	20.800,00	
	8"	GMP032	21.728,00	
	10"	GMP031	22.080,00	
Version with 400 liter tank fertilizers installed frame + various fittings winch support fertilizer x 2 - 2 fertilizer tank 400 lt Rovatti pump T4 125E	6"	GMP042	22.784,00	
	8"	GMP041	23.712,00	
	10"	GMP040	24.064,00	

Motopump with filtration and fertigation ⁽¹⁾				
Description	Ø filter	Code	€	
Capacity max 270 mc/h - max pressure 6 bar	6"	GMP022	42.163,00	
	8"	GMP021	43.091,00	
	10"	GMP020	43.445,00	

Basic version with motopump with filtration and fertigation				
Agronic 2500 with fertilizer tank installed			Prezzi su richiesta	
Model with fertigation kit installed				

Accessories		
Description	Code	€
Lifting winch	AAC190	2.496,00
Tank fertilizer 500 lt	AFR021	1.060,00
Agronic 2509 installation with 4 solenoid	FVR460+AGRONIC	2.022,40
More solenoids (till 8.)	FVR870	100,00
Aspiration Ø 150		761,00
Aspiration Ø 200		1.331,00

Fertigation kit with pump and mixer on page 47

⁽¹⁾ In all version are included: dosic pump fertilizer with piston 300 lt/h 12V. CC - reducing valve + support pressure DN150



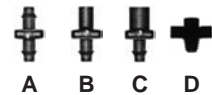
► MICRO AND MINI SPRINKLERS , FOGGERS, ACCESSORIES

Sprayers						
Description	Color	Ø mm nozzle	L/h	Code	Box	€
Stream Flat Jet standard sprayers	Black	0,80		OGC225	1	0,38
	Brown	0,90		OGC226		
	Blue	1,00		OGC227		
	Green	1,30		OGC228		
	Red	1,50		OGC229		
Stream Flat Jet pressure compensated sprayers	Black	0,90	20	OGC230	1	1,29
	Orange	1,25	30	OGC231		
	Blue	1,30	40	OGC232		
	Purple	1,45	50	OGC233		
	Green	1,55	55	OGC234		
	Red	1,65	80	OGC235		



Sprayers

Spare parts for microsprinklers					
Description	Fig.	Code	Box	€	
Fitting	4/7 x 4/7	A	RMP880	100	0,08
	4/7 x male	B	RMP881		0,20
	Ø 4/7 x female	C	RMP882		0,34
	Ø 4/7 x 3/8	D	RMP883		



N.B: micropipe for microsprinklers on page 26



Micropipe

Super 10					
Description	Nozzle	L/h 2 bar	Code	Box	€
Super 10 pressure compensated	Blue	360	OSR909	1	12,47
	Yellow	450	OSR910		
	Green	550	OSR912		
	Red	670	OSR911		



Super 10

N.B.: 335 l/h brown nozzle available used as lateral sprinkler (180° with protection road OMKR057) combined with red nozzle sprinkler for the full circle.

Mini sprinklers					
Description	N° nozzles	Code	Box	€	
Full circle sprinkler	SI 22	2	OSR960	1	5,55
Part circle sprinkler	S6 25°	1	AIR504		8,47



SI22



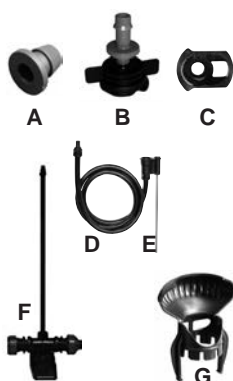
Part circle



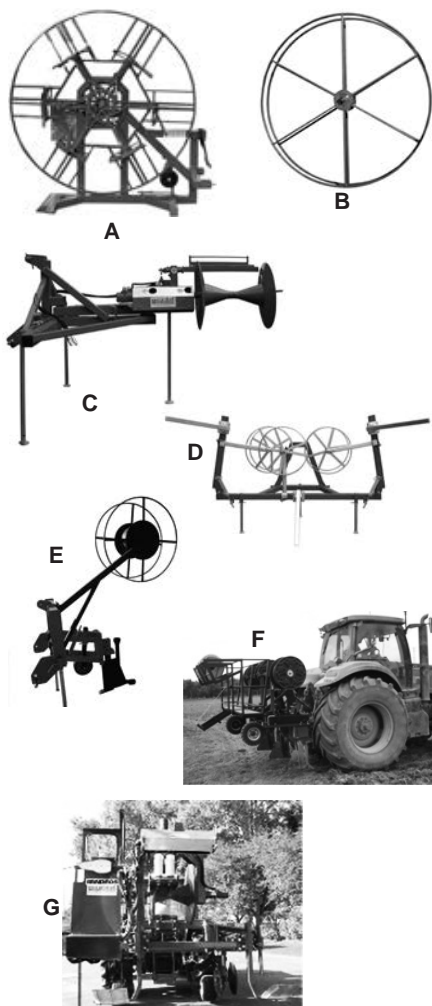
LF

RAIN BIRD LF series sprinklers ⁽¹⁾				
Description		Code	Box	€
LF1200 Body and mechanism 1/2" NPT	Add nozzle and deflector at the order	AIR513	100	6,60
LF2400 Body and mechanism 1/2" NPT		AIR514		
Nozzle for LF1200	05 (Blue)-44 (Orange)-06 (Purple)-38 (Yellow) -07 (Green)-30 (Brown)		200	0,50
Deflector for LF1200	6° (Purple)-10° (White)-12° (Black)-12P (Pink) -16° (Red)-17° (Blue)-21° (Green)			0,80
Nozzle per LF2400	07 (Green)-30 (Brown)-08 (Red)-29 (Black) -09 (Silver)		200	0,50
Deflector per LF2400	10° (Light green)-13° (Red)-15° (Orange) -22° (Green)			0,80
Limiter Edge Guard		OSR002	64	4,80

⁽¹⁾ Look at Rain Bird discounts



Micro e mini sprinklers accessories					
Description	Ø	Fig.	Code	Box	€
Insert	Ø 9/13 - 7/10 x pipe starter PE	A	RMP950	1	0,23
Lay-Flat starter x pipe 10mm		B	RLF001		1,12
FNF quick connection		C	OSR251		0,63
Pressure compensated Stand max 540 l/h	pipe PE Ø 12mm x 120cm	D	RSTD022		3,30
Normal stand			RSTD025		2,34
Iron stick Ø8 mm 120cm		E	OAT250		2,75
Sprinkler case Quickstand quick coupling		F	OCL015		43,62
Road protection 180° x SUPER-10		G	OMKR057	1,94	



► MACHINES TO COIL AND LAY PE PIPE AND DRIPLINES

Description	Model	Code	Fig.	€
Wrapper	Pich Up	T 400	AAV001	1.531,00
	Hydraulic	T. 25/40	AAV003	6.045,00
		50/75	AAV007	10.028,00
		63/110	AAV008	12.331,00
Galvanized containment circle Ø 1.860 mm for T. 25/40 Layflat		AAVZ100	B	713,00
Coil up the dripline with front and rear fixture - Frame with rotating arm for the use in the field or in the headline- engine with elastic joint and anti-tear valve		AAV160	C	11.865,00
Adjustable three rows stretch hose (max. 5 cm burying) ideal for road traffic.		AAV210	D	3.600,00
Lay dripline in 2 rows for heavy dripline - burying maximum 40 cm		AAV209	E	12.348,00
Tape roller lay for 3 rows - cm 60 depth		AAV206	F	28.500,00
Coil up TRU in 2 rows for the reuse of the buried dripline - auto expulsion of the dripline from ribbon take up hub through hydraulic piston - operator adjustable speed - configurable for take back the plastic mulch - hydraulic functioning of coiling/unloading automatism		AAV215	G	42.750,00

► HOSE REEL IRRIGATOR

Idromotor S series							
Description	Mod.	Ø pipe	Length	Sprinkler	Code	Box	€
Hose reel irrigator with galvanized rear and front hose and 360° rotating pop-up eight	S 1	63	250	Twin 101	ASR030	1	13.520,99
	S 2	75	300		ASR031		16.983,86
		82	300		ASR032		17.759,78
	S 3	90	400	ASR040	22.285,93		
			300	ASR041	21.323,23		
		350	ASR042	21.165,17			
	S 4	100	250	ASR043	21.165,17		
			350	ASR044	24.915,41		
		90	400	ASR045	25.145,31		
			350	ASR046	25.375,21		
			400	ASR047	26.682,77		
		110	300	Twin 160	ASR048		25.676,96
			100	450	Twin 140		ASR049
	500	ASR050		33.737,83			
	S 5	110	400	Twin 160	ASR051		33.119,97
			450		ASR052		33.551,03
500			ASR053		35.706,34		
125		380	Twin 202	ASR054	35.433,34		
		400		ASR055	36.467,89		
140		300	ASR056	34.657,43			



S 2



S 4

Idromotor Si series							
Description	Mod.	Ø pipe	Length	Sprinkler	Code	Box	€
Rotating hydraulic hose reel irrigator positioning on the ground. Hot - dip galvanized or painted (on request) supporting structure.	Si 0	82	400	Twin 101	ASR060	1	25.547,00
			350	Twin 140	ASR061		24.814,00
		90	400		ASR062		25.547,00
			350		ASR063		25.662,59
		400	ASR064	26.984,51			
	Si 1	100	400	Twin 140	ASR064		26.984,51
			400		ASR065		25.949,96
		110	300	Twin 160	ASR065		25.949,96
			100	450	Twin 140		ASR066
		500		ASR067	33.996,46		
		110	400	Twin 160	ASR068		32.717,64
					450		ASR069
	500		ASR070		36.970,79		
	125		380		ASR071		36.295,46
	Si 2	125	400	Twin 202	ASR072		36.740,89
					400		ASR074
		110	600		ASR075		41.525,69
			450		ASR076		43.767,21
		140	400		ASR077		43.178,09
400			ASR078		52.417,20		
Si 3	125	550	ASR079	50.578,00			
	140	450	ASR081	68.366,51			
Si 4	125	650	ASR082	66.026,00			
		500	ASR083	67.561,00			
	140	550					



Si 2

Idromotor Mini series							
Description	Ø pipe	Length	Sprinkler	Code	Box	€	
Hydraulic turbine hose reel irrigator	40	125	K1	OIR200	1	5.460,00	
	50	150	Amb0/63	OIR201		7.629,00	
	63	100	Senior	OIR202		7.917,00	



Mini



AGRICULTURE

Boom						
Description	Ø nozzle mm	Width mt	Wet strep mt	Code	Box	€
Galvanized (but trolley) rotating low-pressure boom, standard brass nozzle	4	25	32	AAP010	1	REQ.
	5	32	40	AAP011		
	6	42	50	AAP012		

N.B. Different types and measures available on request

Boom case trolley				
Description	Code	Box	€	
Hot-dip galvanized boom case trolley with variable track, two fixed and one swivelling wheels	AAP100	1	REQ.	
Trolley as described above with two fixed and one swivelling wheels for 25-32 and 32-40 booms.	AAP101			
Hot-dip galvanized boom case trolley adjustable heigth by winch from 1 to 2,7 mt. Equipped with two fixed and two swivelling wheels .For 42-50 boom use. With this equipment, the boom will be neither rotating nor self-levelling	AAP102			

Optionals ⁽¹⁾				
Description	Code	Box	€	
Brass nozzle	AAP130	1	REQ.	
N. 2 filters ø 2" with s/s cartridge and application to main body	AAP140			

⁽¹⁾ For different accessories, please contact our Technical Dept. or refer to "Hose reel irrigator" leaflet.



► PIVOT IRRIGATION SYSTEM

Irrigations system prices available on request



► **DES PRODUCTS**

NEW

Take Apart Dripper E1000 5/3 pipe outlet					
Description	Color	Code	l/h	Box	€
Take Apart Dripper with variable flow	Brown	OGC188	2	1.000	0,12
	Black	OGC189	4		
	Green	OGC190	8		

Katif pressure compensated drippers					
Description	Color	Code	l/h	Box	€
Lateral outlet	black	OGC043	2,30	10.000	0,05
	red	OGC044	3,75		
Superior outlet	black	OGC045	2,30		
	red	OGC046	3,75		
	green	OGC047	8,40		

Flow regulated dripper PC-ESG 5/3 pipe outlet					
Description	Color	Code	l/h	Box	€
PC-ESG 5/3 pipe outlet	Brown/Black	OGC165	2,2	1.000	0,15

Dripper PC-CNL 5/3 pipe outlet					
Description	Color	Code	l/h	Box	€
Straight	Brown/Brown	OGC170	2,2	1.000	0,12
Barbed side outlet		OGC171			

PP drip point					
Description	Code	l/h	Fig.	Box	€
Multi-outlet dripper	OGC074	2,3	A	100	0,03
	OGC053	1,5	B		0,04
Free point grey colour	OGC088		C		

Tornado Ray Jet Spray						
Description	l/h	Color	Code	Coating	Box	€
Threaded 5 mm ⁽¹⁾	25	Black	OGC159	180°	5.000	0,27
	34	Blu	OGC157			
	55	Green	OGC156			
	70	Red	OGC155			
	25	Black	OGC135	360°		0,33
	34	Blu	OGC134			
	55	Green	OGC133			
	70	Red	OGC131			

⁽¹⁾ On request male conic

FLF foggers						
Name	Output	Connection	Flow rate l/h	Code	Box	€
FLF ⁽¹⁾	1	Mail conical	5,4	ONB010	500	2,05
			10,5	ONB011		
	2	Female conical	5,4	ONB012		2,53
			10,5	ONB013		
			5,4	ONB014		
4		10,5	ONB015	4,49		
Stand 35 cm Pipe 4/7 PVC with fitting + stabilizer	for FLF			OSA119		2,39
	For FLF 2-output e 4-output			OSA114		2,03

⁽¹⁾ Check valve to order separately

Rivulis



Drippers variable capacity E1000

lateral output



superior output



Katif pressure compensated drippers



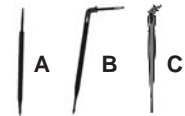
Flow regulated dripper PC-ESG



PC-CNL Straight



PC-CNL Barbed side outlet



Tornado



FLF fogger





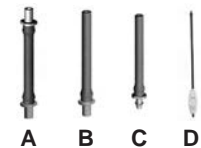
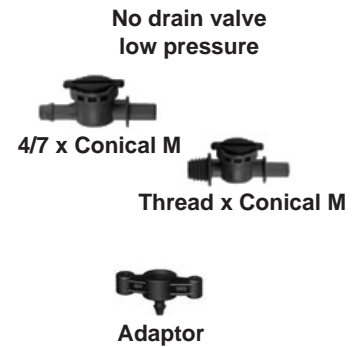
RONDO' foggers



RFR

Microsprinkler RONDO e RFR							
Description	Spinner	Nozzle	Code	Box	€		
RONDO	3/8" Threaded	Black	39 (black)	OSR160	1	0,98	
			64 (dark blue)	OSR161			
			102 (red)	OSR162			
			132 (white)	OSR163			
			174 (violet)	OSR164			
			205 (yellow)	OSR165			
			254 (brown)	OSR167			
		298 (orange)	OSR166				
		Green	39 (black)	OSR757			
			64 (dark blue)	OSR758			
			75 (green)	OSR759			
			102 (red)	OSR760			
			132 (white)	OSR761			
			174 (violet)	OSR762			
	205 (yellow)		OSR763				
	3/8" Threaded Anti insect	Black	51 (blu)	OSR177			1,62
			64 (dark blue)	OSR178			
			75 (green)	OSR179			
102 (red)			OSR180				
132 (white)			OSR181				
174 (violet)			OSR182				
RFR	3/8" Threaded pressure compensated	Grey	23 (black)	OSR189	1,18		
			30 (blu)	OSR190			
			41 (dark blue)	OSR191			
			53 (green)	OSR192			
			70 (red)	OSR193			
			95 (white)	OSR194			
	3/8" Upside down pressure compensated threaded	Red	23 (black)	OSR280			
			30 (blu)	OSR281			
			41 (dark blue)	OSR282			
			53 (green)	OSR283			
			70 (red)	OSR284			
			95 (white)	OSR285			
3/8" Pressure compensated threaded + antiinsect	Grey	23 (black)	OSR195	1,94			
		30 (blu)	OSR196				
		41 (dark blue)	OSR197				
		53 (green)	OSR198				
		70 (red)	OSR199				
		95 (white)	OSR159				

Spare parts for microsprinklers Rondo and RFR						
Description			Code	Box	€	
No drain valve	Low Pressure (0.6 bar open - 2.0 bar close) bidirectional flux	Threaded x Conical M	OSA110	1	1,06	
		4/7 x Conico M	OSA117			
	High Pressure (1.4 bar open - 3.5 bar close) one direction flux	Threaded x Conical M	OSA118			
		4/7 x Conical M	OSA120			
Adaptor for Rondo/ RFR/ SuperXL	Meteor44	IN 4/7 x OUT 3/8" F	OSA100	0,16		
	Meteor75	IN 1/8" x OUT 3/8" F	OSA115	0,32		
	Meteor17 pressure compensated 2,5 bar	IN 10/12 x OUT 3/8" F	OSA116	2,38		
Stabilizer			OSA103		0,76	
Description			Fig.	Code	Box	€
Asembled Stand for Rondo/ RFR	60cm Pipe PE 4/7 + fitting IN/OUT Conical M		A	OSA106	1	1,20
	60cm Pipe PE 4/7 + fitting OUT Conical M		B	OSA108		0,92
	60cm Pipe PE 4/7 + fitting IN 4/7		C	OSA112		0,69
	35 cm PIEP PVC 4/7 + fitting IN 4/7 x OUT conical M + stabilizer		D	OSA114		2,03



Rondo combination					
Description	Spinner	Nozzle	Code	Box	€
Rondo 3/8" Threaded + Meteor44 + Stick Cantal + Pipe PE 4/7 60 cm with fitting	Black	39 (black)	OSA001	1	3,42
		51 (blue)	OSA002		
		64 (dark blue)	OSA003		
		75 (green)	OSA004		
		102 (red)	OSA005		
Rondo 3/8" Threded upside down + Meteor44	Green	75 (green)	OSA032	1	1,90
		205 (yellow)	OSA036		
		298 (orange)	OSA038		
Rondo Upside down conical nozzle + no drain valve + cm. 35 pipe + Stabilizer + fitting IN/OUT	Green	75 (green)	OSA016	1	4,27
		102 (red)	OSA017		
RFR 3/8" Threaded + Meteor44 + stick Cantal + Pipe PE 4/7 60cm with fitting	Grey	23 (black)	OSA018	1	4,55
		30 (blue)	OSA019		
		41 (dark blue)	OSA020		
		53 (green)	OSA021		
		70 (red)	OSA022		
		95 (white)	OSA023		
Anti-insect threaded RFR 3/8 + Meteor44 + stick Cantal + Pipe PE 4/7 60cm with fittings	Grey	23 (black)	OSA024	1	3,64
		30 (blue)	OSA025		
		41 (dark blue)	OSA026		
		53 (green)	OSA027		
		70 (red)	OSA028		
		95 (white)	OSA029		



EMITTERS

► DRIPPERS AND SPRINKLERS



Turbo drippers

Inspectionable Turbo drippers variable capacity					
Description	Code	l/h at 1 bar	Box	€	
Turbo	OGC650	8	800	0,22	



Drippers variable capacity SG

SG demountable drippers variable capacity					
Description	Color	Code	l/h at 1 bar	Box	€
SG demountable drippers variable capacity	White	OGC030	3	1.000	0,13
	Black	OGC031	5		
	Red	OGC032	8		
	blu	OGC033	15		



SG AU pressure compensated drippers

SG AU pressure compensated drippers					
Description	Color	Code	l/h	Box	€
SG AU pressure compensated drippers	Black	OGC110	4,5	1.000	0,19
		OGC111	8,0		
		OGC112	15,0		



ESG multifunctional output pressure compensated drippers

ESG multifunctional output pressure compensated drippers					
Description	Color	Code	l/h	Box	€
ESG multifunctional outlet pressure compensated drippers	Black/blu	OGC970	2,1	100	0,21
	Black/Grey	OGC971	3,1		
	Black/Black	OGC972	4,1		
	Black/Brown	OGC973	8,1		
	Black/Green	OGC974	25,5		



CNL ESG multifunctional outlet pressure compensated drippers

CNL ESG multifunctional outlet pressure compensated drippers					
Description	Color	Code	l/h	Box	€
CNL ESG multifunctional outlet pressure compensated drippers	Green/blu	OGC980	2,1	100	0,22
	Green/Grey	OGC979	3,1		
	Green/Black	OGC981	4,1		
	Green/Brown	OGC982	8,1		



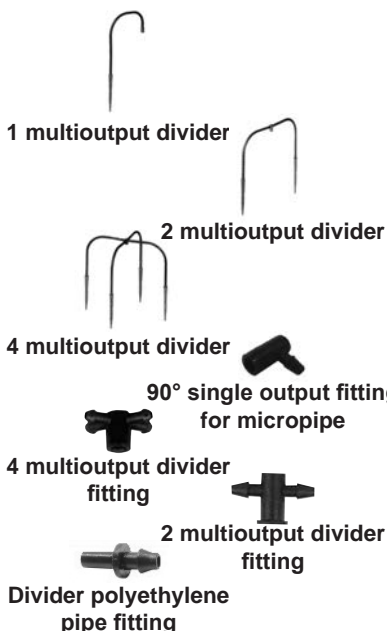
Pressure compensated drippers

Junior pressure compensated drippers					
Description	Code	l/h	Box	€	
Junior	OGC068	2	1.000	0,21	
	OGC069	4			
	OGC087	8			



Junior pressure compensated drippers

Pressure compensated drippers					
Description	Code	l/h	Box	€	
Pressure compensated drippers	OGC057	2	1.000	0,47	
	OGC051	4			
	OGC070	8			



1 multioutput divider

2 multioutput divider

4 multioutput divider

90° single output fitting for micropipe

4 multioutput divider fitting

2 multioutput divider fitting

Divider polyethylene pipe fitting

Accessories for multifunctional outlet					
Description	Code	Micropipe	Output	Box	€
60 cm outlet divider cm. 60 and drip stick 90°	OSR305	Black	1	50	0,32
	OSR302	White		100	0,36
	OSR323	White		2	100
60 cm outlet divider cm. 60 and straight drip stick (OGC074)	OSR307	Black ⁽¹⁾	2	100	0,64
	OSR303	White		50	0,68
	OSR308	Black	4	25	1,48
	OSR304	White		25	1,56
80 cm outlet divider cm. 60 and drip stick 90°	OSR306	Black	1	100	0,48
	OSR326	White		100	0,54
80 cm outlet divider cm. 60 and straight drip stick (OGC074)	OSR309	Black	2	50	0,66
	OSR312	White		100	0,72
	OSR310	Black	4	25	1,50
	OSR313	White ⁽¹⁾		50	1,84
90° Fitting for micropipe with single outlet	RMP136			100	0,06
Multioutlet divider fitting for micropipe	RMP135		4		0,26
	RMP151		2		
Divider polyethylene pipe fitting	RMP152				0,06

⁽¹⁾ Available on request

Various Jet with assembled stakes and with adjustable flow control					
Description	Code	Lenght _{mm}	Coating	Box	€
Various Jet with stakes	OGC213	310	360°	10	5,70
	OGC216	200			4,90
	OGC214	310	180°		5,70
	OGC217	200			4,90
	OGC215	310	90°		5,70
	OGC218	200			4,90



Various Jet with stakes

Jet components without adjustable flow control to assembly ⁽¹⁾					
Description	Code	Lenght _{mm}	Coating	Box	€
Rigid pegs	OAT100	200		10	0,72
	OAT101	310			0,93
Rigid stake with coupling anchor	OTB050	200			0,41
	OTB051	300			0,48
	OTB052	450			0,67
Threated and adjustable sprinkler	OSR092				360°
	OSR091		180°		



Stake



Peg



Sprinkler

⁽¹⁾ The complete Jet set contains: 1rigid stake + 1 extension + 1 sprinkler

Dripper on single peg					
Description	Code	Coating	Box	€	
Shrubbler	Standard	OGC201	360°	25	0,81
	Compensated	OGC202			1,50
Minibubbler	Standard	OGC220	180°		0,81
	Compensated	OGC203	360°		1,50
Spectrum	Standard	OGC204			1,19
	Compensated	OGC207			2,26
	Standard	OGC210			



Shrubbler



Minibubbler



Spectrum

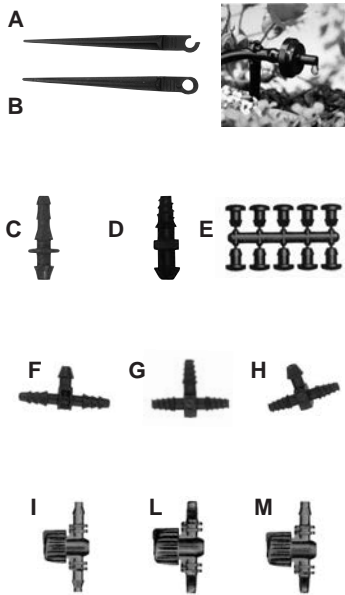
Minisprinklers and accessories (used also for various Jet with stake)				
Description	Code	Coating	Box	€
Base Microjet	Blu	OSR060		0,18
	Green	OSR061		
	Red	OSR062		
	White	OSR065		
Black head for microjet	OSR080	360°	100	0,17
	OSR081	180°		
	OSR082	90°		

Micro Jet bases and head



EMITTERS

► ACCESSORIES, PIPES AND FITTINGS FOR DRIPPERS AND SPRINKLERS



Accessories for drippers and sprinklers						
Description	Code	Ø mm	Fig.	Box	€	
Stake for pipe	Open	OAT011	5	A	500	0,09
	Close	OAT012	5	B		0,11
Straight insert	Anchor/Coupling	RMP118	3	C		0,19
	Anchor/Thread	RMP131	3	D		0,28
Miniplugs for 3mm holes for PE BD pipes	RTA065		E		0,04	
Tee insert	Anchor/Coupling/Coupling (big)	RTE056		F	1.000	0,24
	Thread/Thread/Thread (small)	RTE058		G		0,23
	Anchor/Thread/Thread (small)	RTE059		H		0,26
Minivalve	mod A Coupling Anchor/Anchor	OGV010		I	50	0,72
	mod B Coupling Thread/Thread	OGV011		L		
	mod C Coupling Anchor/Thread	OGV012		M		



Micropipe white/black

Micropipe					
Utilization	Material	Code	Ø int/ext mm	Box mt	€
Dripper	PVC	OTB004	5x3	200	0,34
	PE White/Black	OTB102			0,35
Sprinkling	PVC	OTB080	4x7	200	0,32
	PVC White/Black	OTB085			0,33
Sprinkling max130 l/h	PE	OTB100	4x7	200	0,28
	PE White/Black	OTB086			0,30
Hydraulic control - Sprinkling max 175 l/h	PE	OTB083	5x8	150	0,34
	PE White/Black	OTB087		200	0,36

► IMPACT SPRINKLERS



Bronze and brass sprinklers							
Description	Mod	Ugelli	Code	Ø	Box	€	
Part circle	5P	1	AIR100	1/2" M	1	19,81	
	20PC	2	AIR095	3/4" M		35,65	
	Funny settore	1	AIR032	1" F		69,54	
	30PC	2	AIR098	1" M		71,30	
	K1 settore	1	AIR028	1" 1/4 F		110,58	
	40BPC	2	AIR099	1" 1/4 M		199,00	
Full circle	5- ang 7°	1	AIR110	1/2" M	1	13,07	
	5- ang 15°		AIR111				
	5-ang. 25°		AIR112				
	20F	2	AIR114	3/4" M		19,41	
	25F-ang. 33°	AIR115	32,09				
	FUNNY	1	AIR033			1" F	51,87
	30M	2	AIR116			1" M	50,70
K1	1	AIR029	1"1/4 F	85,50			

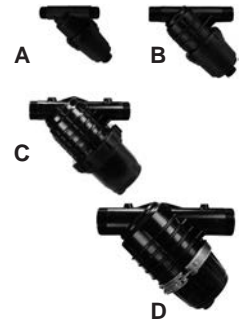


Plastic sprinkler						
Description	Mod	Ugelli	Code	Ø att.	Box	€
Part circle	228-plastica	1	OSR953	1/2" M	1	8,66
	S6 - ang 25°-plastic		AIR504	1/2" M		8,47
	S19		AIR501	3/4" M		11,63
Full circle	22-plastic	2	OSR960	1/2" M	1	5,55
	46-plastic		AIR097	3/4" M		6,34

N.B.: Steel gardening tripods can be found on the page 96

► MANUAL SCREEN FILTERS

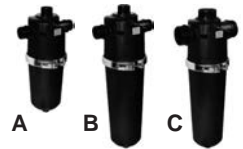
Polypropylene screen filters								
Description	Ø Clamps		Screen material	Q _{max} m ³ /h	Fig.	Code	Box	€
Screen filter	1/2"	Threaded M	Polyamide	5	A	AFL120	1	7,82
	3/4"			AFL121				
	1"			B	AFL122	8,15		
	1"1/4"				AFL123	17,65		
	1"1/2"		Double inox screen	AFL124	23,10			
	2"			C	AFL125	74,78		
	3"			D	AFL126	138,00		



120 mesh cartridges					
Description	Ø	Material	Code	Box	€
Cartridges	1/2"-3/4"	Polyamide	AAC050	1	6,93
	1"		AAC051		7,66
	1"1/4"		AAC052		12,94
	1"1/2"		AAC053		13,46
	2"	Double inox screen	AAC054		27,19
	3"		AAC055		43,56



Screen filters with reinforced PP body (hand cleaning after dismantlement) ⁽¹⁾							
Description	Ø	Body	Q _{max} m ³ /h	Fig.	Code	Box	€
Screen filter	2"	Short	40	A	AFL127	1	209,81
		Long	48	B	AFL128		267,50
	3"	60	C	AFL129	267,50		



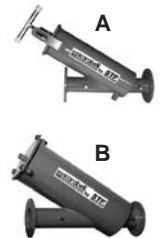
120 mesh cartridges					
Description	Ø	Material	Code	Box	€
Cartridges	2" short	Double inox screen	AAC056	1	98,00
	2" long - 3"		AAC057		100,00



Screen filters with reinforced PP body (hand cleaning without dismantlement)							
Description	Ø	Body	Q _{max} m ³ /h	Fig.	Code	Box	€
Screen filter	2"	Short	40	D	AFL130	1	294,40
	3"	Long	60	E	AFL131		397,44

⁽¹⁾ Male threaded standard connectors: Victaulic available on request

Screen security filter STF "Y" painted metal body							
Description	Ø Clamps		Q _{max} m ³ /h	Fig.	Code	Box	€
Screen filter series FY	2"	Threaded M	20	A	AFL600	1	514,94
	3"		40		AFL601		699,73
	4"		100	B	AFL603		980,96
	5"				AFL604		1.177,30
	6"				AFL605		1.872,87
	8"				AFL606		4.225,40
	10"				AFL607		5.130,68
	12"				AFL608		7.003,56



Screen security filter STF "Y" painted metal body galvanized							
Description	Ø Clamps		Q _{max} m ³ /h	Fig.	Code	Box	€
Screen filter series Y	DN80	Flanged ⁽²⁾	50	A	AFL574	1	462,00
	DN100		80		AFL575		550,00
	DN125		110		AFL576		666,00

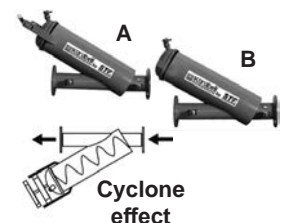
⁽²⁾ Thread on demand



Screen security filter STF "L" painted metal body							
Description	Ø Clamps		Q _{max} m ³ /h	Fig.	Code	Box	€
Screen Filter series FL	2"	Threaded M	20	A	AFL1830	1	485,87
	3"	Flanged	40		AFL1831		587,61



Screen Filter STF metal painted body "Y" security cyclone effect							
Description	Ø Clamps		Q _{max} m ³ /h	Fig.	Code	Box	€
Screen Filter series FY-CIC	2"	Threaded M	38	A	AFL630	1	699,73
	3"		55		AFL631		824,31
	4"	Flanged	65		AFL632		1.223,04
	5"		65		AFL633		1.341,33
	6"		115	B	AFL634		2.242,47



► MANUAL DISC FILTERS



TS series



Threaded M



MS series



Dual filtering element



Filters "Y"



SD-SINGLE



SD-DOUBLE



Automatic backwashing disc filters

Threaded disc filter TS					
Description	Clamps	Q _{max} m ³ /h	Code	Box	€
Swivel filter TS series	3/4"	3	AFL549	1	25,75
	1"	5	AFL550		104,95
	1"1/2	12	AFL551		120,26
	2"	20	AFL552		17,55
80 ÷ 140 mesh replacement discs	3/4" ÷ 1"		AAC001		59,20
	1"1/2		AAC002		70,83
	2"		AAC003		

M threaded disc filters					
Description	Clamps	Q _{max} m ³ /h	Code	Box	€
M threaded disc filters	3/4"	5	AFL145	1	21,46
	1"	6	AFL146		49,66
	1"1/4	10	AFL147		
	1"1/2	14	AFL148		

MS series disc filters					
Description	Clamps	Q _{max} m ³ /h	Code	Box	€
MS series disc filters	2" Threaded	30	AFL400	1	189,73
	3" M	50	AFL401		222,56
Filtering cartridge	2"		AAC353		98,51
	3"		AAC354		105,81

Dual filtering element disc filters					
Description	Clamps	Q _{max} m ³ /h	Code	Box	€
Dual filtering element disc filters	3" Threaded	60	AFLT429	1	380,00
	4" M	80	AFLT430		445,56

Metal painted body "y" security disc filters					
Description	Clamps	Q _{max} m ³ /h	Code	Box	€
Disc filters "Y" flanged ⁽¹⁾	DN80	40	AFL581	1	485,76
	DN100	75	AFL582		535,04

⁽¹⁾ threaded on request

Disc filters SD series						
Description	Body	Ø	Q _{max} m ³ /h	Code	Box	€
SD filters	Single	2"	25	AFL420	1	135,98
		3"	40	AFL421		209,48
	Double	3"	50	AFL422		253,58

Recharge cartridge					
Description	Colour	Mesh	Code	Box	€
Double Cartridge 2" e 3"	Blue	120	AAC255	1	74,00
	Red	150	AAC256		
	Brown	200	AAC257		
Single Cartridge 3"	Blue	120	AAC258		147,00
	Red	150	AAC259		
	Brown	200	AAC260		

► FILTERING AUTOMATIC DISC STATION

SD-CLEAN filtering automatic disc station						
Model	N° filters	Power V	Nominal flow rate max m ³ /h	Code	Box	€
SD-CLEAN 2x2" 24V	2	24	40	AFL1061	1	3.390,00
SD-CLEAN 3x2" 24V	3		60	AFL1062		4.405,00
SD-CLEAN 4x2" 24V	4		80	AFL1063		5.330,00
SD-CLEAN 2x2" 12V	2	12	40	AFL1065		3.390,00
SD-CLEAN 3x2" 12V	3		60	AFL1066		4.405,00
SD-CLEAN 4x2" 12V	4		80	AFL1067		5.330,00
SD-CLEAN 2x3" 24V	2	24	70	AFL1068	1	3.810,00
SD-CLEAN 3x3" 24V	3		105	AFL1069		4.520,00
SD-CLEAN 4x3" 24V	4		140	AFL1070		5.830,00
SD-CLEAN 2x3" 12V	2	12	70	AFL1071		3.810,00
SD-CLEAN 3x3" 12V	3		105	AFL1072		4.520,00
SD-CLEAN 4x3" 12V	4		140	AFL1073		5.830,00

► AUTOMATIC SCREEN FILTERS STF

SF 100 hydraulic filters						
Description		Ø	Q _{max} m ³ /h ⁽¹⁾	Code	Box	€
100 hydraulic angle filters	PVC support	DN65	50	AFL699	1	3.068,00
		DN80	90	AFL700		3.276,00
		DN100	150	AFL701		4.108,00
		DN150	250	AFL702		6.396,00
		DN65	70	AFL699-S		3.693,69
	Inox support	DN80	140	AFL700-S	3.963,96	
		DN100	200	AFL701-S	5.225,22	
		DN150	350	AFL702-S	8.468,46	



SF 100 series hydraulic filters

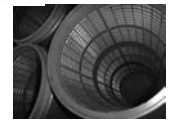


SF 100 series electric filters

SF 100 electric filters						
Description		Ø	Q _{max} m ³ /h ⁽¹⁾	Code	Box	€
100 electric angle filters	PVC support	DN65	50	AFL804	1	7.442,24
		DN80	90	AFL805		7.629,44
		DN100	150	AFL806		8.220,16
		DN150	250	AFL807		9.852,96
		DN65	70	AFL800		10.032,88
	Inox support	DN80	140	AFL801	10.162,88	
		DN100	200	AFL802	10.826,40	
		DN150	350	AFL803	12.535,12	



SF 100 vertical support



Filtering cartridge

Support for filters SF 100 hydraulic and electric					
Description	Ø	Treatment	Code	Box	€
Adjustable vertical supports	DN65-DN80	Galvanized	FTLZ250	1	490,00
	DN100-DN150		FTLZ251		

SF 400 hydraulic filter						
Description		Ø	Q _{max} m ³ /h ⁽¹⁾	Code	Box	€
Horizontal hydraulic filters	Flanged	3" - IN/OUT DN80	110	AFL403	1	6.437,60
		4" - IN/OUT DN100	150	AFL404		6.770,40
		6" - IN/OUT DN100	200	AFL406		7.113,60
		8" - IN/OUT DN150	260	AFL408		8.008,00
		10" - IN/OUT DN150	350	AFL410		9.256,00



SF 400 series

Filtering cartridge for filters SF 300 - SF 400					
Description	Model	Filtration level	Code	Box	€
Replacement meshes for SF300 & SF400	SF-403	140 mesh (Other filtration level on request)	AAC403	1	1.225,22
	SFI-304 & SF-404		AAC404		1.251,21
	SFI-306 & SF-406		AAC406		1.741,30
	SFI-308 & SF-408		AAC408		2.502,43
	SFI-310 & SF-410		AAC410		3.122,46



4" - 6" horizontal support

Support for filters SF 300 - SF400 hydraulic					
Description	Ø	Treatment	Code	Box	€
Horizontal support	4"	Galvanized	FTLZ080	1	665,00
	6"		FTLZ081		
	8" ÷ 10"	Painted with 3 points	FTL501		



8" - 10" painted horizontal support

SF 200 electric filters						
Description		Ø	Q _{max} m ³ /h ⁽¹⁾	Code	Box	€
"U" input/output electric filters	Inox support	DN80	95	AFL710	1	17.195,36
		DN100	180	AFL711		21.192,08
		DN150	350	AFL712		25.561,12
		DN200	590	AFL713		30.680,00
		DN250	900	AFL724		36.192,00
		DN300	1.000	AFL715		40.596,40
		DN350	1.350	AFL716		46.384,00



SF 200 series



1863

► HYDROCYCLONS FILTERS

Mini-hydrocyclons and hydrocyclons galvanised and Painted						
Description		Clamps	Q _{max} m ³ /h	Code	Box	€
Painted or galvanised hydrocyclons	Mini hydrocyclon	3/4"	3 ÷ 7	AFL510	1	302,72
		1"		AFL511		
		1" 1/4		AFL512		
		1" 1/2		AFL517		
		2"		AFL1863		
	Hydrocyclon	2"	9 ÷ 19	AFL513	485,00	
		Female	18 ÷ 20	AFL513	370,00	
		Male	36 ÷ 40	AFL514	610,00	
		3" Flang.	Female or flanged	52 ÷ 82	AFL515	762,00
		4" Flang.				



Hydrocyclon



Mini hydrocyclon

⁽¹⁾ Data referring to ΔP 0,2 bar

FILTRATION



Complete filter system



Reinforced polyamide hydrocyclone					
Description	Ø Clamps		Code	Box	€
Reinforced polyamide S series	2"	28	AFL695	1	312,00
	2" 1/2	35	AFL696		357,00
	3"	52	AFL697		391,00
Single assembled S series fittings					
Description	Fig.	Ø	Code	Box	€
Threaded flange	A	DN 50	RFG200	1	4,75
		DN 65	RFG201		6,58
		DN 80	RFG202		7,31
Elbow with 2 flanges e 1 gasket	B	DN 50	RGO222	1	9,13
		DN 65	RGO223		10,05
		DN 80	RGO224		10,96
Glycerin pressure gauge	C	1/4"	FMO030	1	12,89
Single effect air release	D	1"	FVI322	1	8,32
Flowcontrol gate valve	E	2"	FSV030	1	56,29
		3"	FSV031	86,32	
1 flange assembled threaded manifold	F	2"	FCL010	1	51,15
		3"	FCL011	69,49	
Hydrocyclone fittings set ⁽¹⁾	G	2"	OIV021	1	197,00
		3"	OIV023	279,00	

⁽¹⁾ You can find complete kit of Venturi injectors on page 41

► GRAVEL FILTERS



Single chambered gravel filters

Single chamber gravel filters						
Description	Ø mm	Input/Output	Backwashing	Q _{max} m ³ /h	Code	€
Painted filters	500	2"	2"	18,0	AFLT001	890,00
	750	3" / 76 vt		40,0	AFLT008	1.205,00
	950	89 / 89 vt	3"	60,0	AFLT032	1.600,00
	1.200	114/114 vt	4"	120,0	AFLT036	2.640,00
Galvanised filters	500	2"	2"	18,0	AFLT011	950,00
	750	3" / 76 vt		40,0	AFLT014	1.315,00
	950	89 / 89 vt	3"	60,0	AFLT015	1.695,00
	1.200	114/114 vt	4"	120,0	AFLT016	2.885,00



Manual backwashing filters

Painted or galvanised manual backwashing filters						
Description	Ø mm	Input/Output	Backwashing	Q _{max} m ³ /h	Code	€
Single gravel filters	500	2"	2"	18,0	AFLB007	1.360,00
	750	3" / 76 vt		40,0	AFLB029	2.210,00
	950	89 / 89 vt	3"	60,0	AFLB111	3.105,00



Galvanised inline battery gravel filters

Manual and automatic galvanised inline gravel filters								
Filtering unit	Ø mm	Ø Clamps	Func.	P.S.	Q _{max} m ³ /h	Code	€	
2	500	3"	Automatic	9 V	36	AFLB010	4.650,00	
				230 V		AFLB020		
	750	4"	Automatic	9 V	86	AFLB016	5.650,00	
				230 V		AFLB040		
3	750	DN125	Manual		129	AFLB030	3.225,00	
						AFLB063		4.430,00
	950	DN125	Automatic	9 V	115	AFLB018	8.675,00	
				230 V		AFLB022		6.133,00
2	950	DN150	Automatic	9 V	173	AFLB017	7.800,00	
				230 V		AFLB042		6.361,00
	1.200	DN150	Manual		240	AFLB061	10.350,00	
						AFLB043		9.112,00
3	1.200	DN150	Automatic	9 V	360	AFLB019	11.853,00	
				24 V		AFLB047		12.054,00
	3	1.200	DN150	Automatic	9V	360	AFLB048	17.914,00
					24V		AFLB049	

Galvanised double dual chamber series gravel filters

Description		Ø flange	Ø body mm	Q m3/h	Code	€
Double chamber	Manual	DN80 - 3"	600	15 ÷ 30	AFL204	2.420,00
		DN100 - 4"	750	30 ÷ 60	AFL205	3.100,00
		DN125 - 5"	900	40 ÷ 80	AFL206	3.800,00
	Out. D.C.	DN80 - 3"	600	15 ÷ 30	AFL210	3.630,00
		DN100 - 4"	750	30 ÷ 60	AFL211	4.190,00
		DN125 - 5"	900	40 ÷ 80	AFL212	5.020,00



Dual chambered series gravel filters

► SELF-CLEANING SUCTION STRAINERS

Description		Ø flange	Q m3/h	Code	€
Self-cleaning suction filter	Flanged	DN100	75	AVF020	936,00
		DN150	120	AVF021	1.200,00
		DN200	160	AVF022	1.740,00

Self cleaning galvanized suction



Closed

Open

► ACCESSORIES

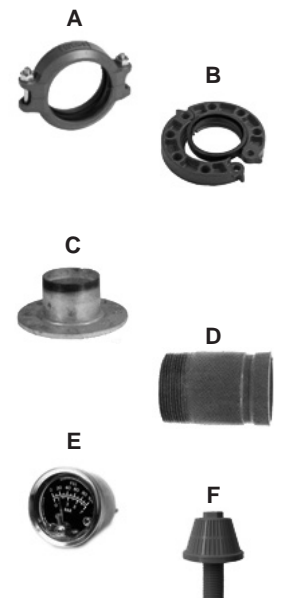
Description	N° filters	Ø filter mm	Ø flange	Ø clamp type for filter	Galvanized		Painted	
					Code	€	Code	€
					Manifold for filtering batteries	1x	750	DN125
x 76 VICT OUTLET FILTER	FCL622	FCL633						
950	DN150	x 89 VICT	FCL625	209,00			FCL635	209,00
		x 89 VICT	FCL626				FCL636	
2x	500	DN80	x 2" M x 2" M	FCL605		232,00	FCL600	240,00
	750	DN100	x 2" M x 2" M INLET FILTER	FCL623		341,00	FCL624	338,00
			x 76 VICT x 76 VICT OUTLET FILTER	FCL612			FCL611	
	950	DN125	x 89 VICT x 89 VICT	FCL616		454,00	FCL614	454,00
		DN150	x 89 VICT x 89 VICT	FCL627		470,00	FCL637	470,00
	3x	750	DN125	x 2" M x 2" M x 2" M INLET FILTER		FCL620	558,00	FCL317
x 76 VICT x 76 VICT x 76 VICT OUTLET FILTER				FCL310		601,00	FCL312	552,00
950		DN150	x 89 VICT x 89 VICT x 89 VICT	FCL201		599,00	FCL240	545,00



Manifold

Spare parts for filters

Description	Ø Clamps		Fig.	Code	€
Connector Victaulic Style75	2"	60 Victaulic	A	FGS003	10,80
	2"1/2	76 Victaulic		FGS004	11,70
	3"	88.9 Victaulic		FGS005	17,46
	4"	114.3 Victaulic		FGS006	19,80
Flange Victaulic	2"	60 Victaulic	B	FTS108	28,83
	2"1/2	76 Victaulic		FTS109	33,59
	3"	88.9 Victaulic		FTS110	38,22
	4"	114.3 Victaulic		FTS111	64,46
Male flanged threaded	DN80 x 3"		C	FFA299	51,60
	DN100 x 4"			FFA300	61,60
	DN125 x 5"			FFA301	96,20
Male Victaulic adaptor lenght 100mm	2" x 60		D	FTS286	21,70
	2"1/2 x 76			FTS287	
	3" x 88.9			FTS284	30,40
	4" x 114.3			FTS281	34,00
Murphy pressure differential			E	EPS300	285,60
Diffuser nozzle + dowel TS1 (Mod.T – fil.15/16"W – L = 50mm)			F	AAC677	5,91



FILTRATION



Gravel

Gravel			
Description	Gravel size mm ⁽¹⁾	Code	€
Gravel - bag 25 kg ⁽²⁾	0,8 ÷ 1,2	AAC940	8,90

⁽¹⁾ Different gravel size sand available on request

⁽²⁾ Always ex works



Filtering batteries automation kit

Filtering batteries automation kit				
Description	Sectors	V power supply	Code	€
Automation kit with controller and solenoid	1	9	KCF048	875,00
		24	KCF049	1.015,00
	2	9	KCF050	986,00
		24	KCF052	1.100,00
	3	9	KCF053	1.020,00
		24	KCF054	1.180,00
	4	9	KCF055	1.060,00
		24	KCF056	1.270,00



Programmer



Solar panel kit



Irrifiltros



Agronic Filtros (available on request)

Filters backwashing programmers and electric accessories						
Description	Power supply		Sectors	Code	€	
	Input	Output				
Programmer	bistable 12 VCC		2	AAC550	381,00	
			3	AAC552	415,00	
			4	AAC551	452,00	
	24 VAC		1	AAC570	544,00	
			2	AAC571	595,00	
			3	AAC573	629,00	
			4	AAC572	663,00	
	12 V SOLAR ⁽³⁾		2	AAC582	391,00	
			3	AAC583	425,00	
			4	AAC584	459,00	
	Solar Panel 12 V 10 Watt - cm 38 x 30 x 2.5				EPN002	102,00
	Battery 12V 2,2Ah (Rechargeable battery 12V 2,2Ah - to be charge at first use)				AAC559	29,00
Power unit	230V	bistable 12 VCC		AAC1055	56,10	
		6 VCC		AAC1050	66,00	
Power supplier				AAC556	65,00	
Irrifiltros ⁽⁴⁾			6	FER591	600,00	

⁽³⁾ Available only with solar panel



⁽⁴⁾ See Fertigation discount






► OSMOSIS WATER TREATMENT RANGE



Model	KW power	Power supply	Recovery %	Q m ³ /h	€
Compact	0,75	230V	50 ÷ 75	200	Req.
Symple	2,2	380V		200 ÷ 1.100	
HW	18			2.000 ÷ 6.000	
HP	11 ÷ 37			8.000 ÷ 30.000	

► VALVES AND SHUTTERS MANUAL ACTIVATION




Swivel valve F/F PN16				Swivel valve M/F PN16		
						
Ø	Code	Box	€	Code	Box	€
3/4"				FVB005	1	8,55
1"	FVB002	1	12,00	FVB006		10,96
1"1/2"				FVB007		39,54
2"				FVB008		47,65

Swivel manifold with ball valves Ø1"			
			
Code	N° valves	Box	€
FVB009	1	10	15,54
FVB010	2	40	32,13
FVB011	3	20	48,20
FVB012	4	10	64,27




Backnut PVC ball valves PN16						
F/F			M/F			
						
Ø	Code	Box	€	Code	Box	€
1/2"	FVI027	1	12,23	FVI031	1	11,29
3/4"	FVI011		13,59	FVI018		13,57
1"	FVI025		15,06	FVI010		15,07
1"1/4"	FVI032		21,46	FVI043		21,07
1"1/2"	FVI028		27,81	FVI044		27,07
2"	FVI026		46,45	FVI040		46,37
2"1/2"	FVI029 ⁽¹⁾		102,21			
3"	FVI024 ⁽¹⁾		116,28			

Black backnut PVC ball valves PN10						
F/F			M/F			
						
Ø	Code	Box	€	Code	Box	€
3/4"	FVIA007	140	2,13	FVIA020	140	2,13
1"	FVIA008	100	2,48	FVIA021	100	2,48
1"1/4"	FVIA009	60	4,81	FVIA022	60	4,81
1"1/2"	FVIA010	40	8,06	FVIA023	40	8,06
2"	FVIA011	24	11,63	FVIA024	24	11,63
2"1/2"	FVIA012	12	26,03	FVIA025	12	26,03
3"	FVIA013	10	37,26	FVIA026	10	37,26
4"	FVIA014	6	70,50	FVIA027	6	70,50

⁽¹⁾ PN10

Ball hose adaptor tap PN15				Ball hose adaptor tap with handhold PN10			2 independent ways derivation PN10		
									
Ø	Code	Box	€	Code	Box	€	Code	Box	€
1/2"	FRS001	1	8,09						
3/4"	FRS002		12,29						
1"	FRS003 ⁽²⁾		19,66						
1/2"x3/4"				FRS120	1	26,68			
3/4"x3/4"x3/4"							FRS125	1	32,39

⁽²⁾ PN10



PVC Bi-backnut ball valve PN16						3 ways PVC ball valve PN16			
Female Threaded			Glue			Female Threaded			
									
Ø	Code	Box	€	Code	Box	€	Code	Box	€
20 - 1/2"	FVC230	1	11,86	FVC240	1	11,29			
25 - 3/4"	FVC231		12,67	FVC241		12,88			
32 - 1"	FVC232		18,48	FVC242		17,33			
40 - 1"1/4"	FVC233		23,17	FVC243		22,73			
50 - 1"1/2"	FVC234		27,10	FVC244		26,74			
63 - 2"	FVC235		42,66	FVC245		40,33			
75 - 2"1/2"	FVC236 ⁽³⁾		130,93	FVC246 ⁽³⁾		138,25			
90 - 3"				FVC247 ⁽⁴⁾		180,94			
					FVC203	1	77,94		
					FVC204		96,70		
					FVC205		115,66		





⁽³⁾ PN10



⁽⁴⁾ PN6





VALVES







PVC Butterfly valve PN10				Flanged adaptor		
						
Ø	Code	Box	€	Code	Box	€
63 - DN50	FVF095 ⁽¹⁾	1	140,74	FVF105 ⁽¹⁾	1	46,07
75 - DN65	FVF096			FVF106		55,83
90 - DN80	FVF097			FVF107		87,58
110 - DN100	FVF098			FVF108		111,11
125 - DN125				FVF109		139,30
140 - DN125				FVF110		166,79
125 - 140 - DN125	FVF099	1	205,38	FVF111	1	336,04
160 - DN150	FVF100			FVF112		378,07
200 - DN200				FVF113		730,40
225 - DN200						
200 - 225 - DN200	FVF101	1	374,55	⁽¹⁾ PN16		

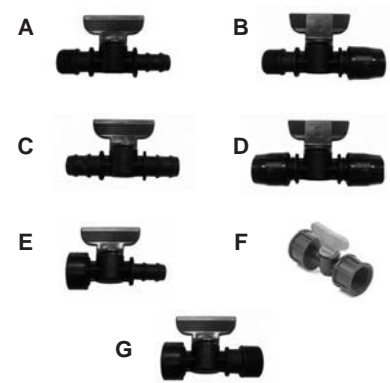
F/F Full flow galvanised ball valves					M/F Full flow galvanised ball valves				Brass shutter light series				Brass shutter heavy series			
																
Ø	Code	Box	PN	€	Code	Box	PN	€	Code	Box	PN	€	Code	Box	PN	€
1/2"	FSF100	12	50	7,00	FSF120	12	50	7,32	FSV020	20	10	6,57	FSV001	20	20	7,53
3/4"	FSF101	8	40	10,21	FSF121	8	40	10,85	FSV021			8,02	FSV002			10,46
1"	FSF102			14,92	FSF122			15,71	FSV022	11,32		FSV003	13,42			
1"1/4	FSF103	4	30	25,49	FSF125	4	30	28,06	FSV023	17,46		FSV004	21,85			
1"1/2	FSF104			34,74	FSF123			38,59	FSV024	22,99		FSV005	28,99			
2"	FSF105	2	25	53,01	FSF124	2	25	59,44	FSV025	33,77		FSV006	44,77			
2"1/2	FSF108			101,78				FSV026	49,69	FSV007		64,19				
3"	FSF106	1	16	167,72				FSV027	68,97	FSV008		77,15				
4"	FSF107			283,10		FSV028	113,78	FSV010	130,91							
5"								FSV011	356,40							
6"								FSV013	464,20							






GG25 rubber wedge low profile shutter PN16				Cast iron lens butterfly valve with lever PN16			
							
Ø	Cod.	Box	€	Cod.	Box	€	
DN40	FSP038	1	152,33	FVF345	1	46,33	
DN50	FSP039		175,94	FVF346		50,74	
DN65	FSP040		211,89	FVF347		62,68	
DN80	FSP041		243,62	FVF348		68,65	
DN100	FSP042		283,77	FVF350		92,53	
DN125	FSP044		452,04	FVF351		126,92	
DN150	FSP053		490,84	FVF352		146,26	
DN200	FSP046		827,84	FVF353		228,41	
DN250	FSP047		1.270,56	FVF354		550,79	
DN300	FSP011 ⁽¹⁾		1.760,35	FVF355		608,93	

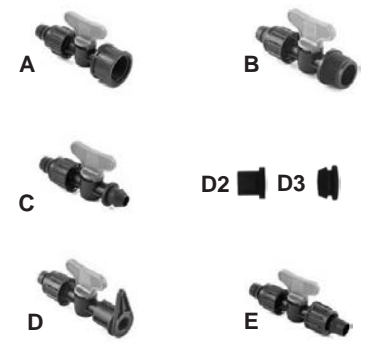
⁽¹⁾ PN10






Europa check and foot valve PN40				Filter for Europa valve		
						
Ø	Code	Box	€	Code	Box	€
1/2"	FVE001	1	9,20	FFI001	1	1,84
3/4"	FVE002		12,36	FFI002		2,02
1"	FVE003		17,34	FFI003		2,39
1"1/4	FVE004		27,95	FFI004		2,94
1" 1/2	FVE005		36,11	FFI005		3,67
2"	FVE006		56,39	FFI006		4,77
2"1/2	FVE007		126,92	FFI007		8,45
3"	FVE008		190,40	FFI011		9,73
4"	FVE009		313,28	FFI012		12,85

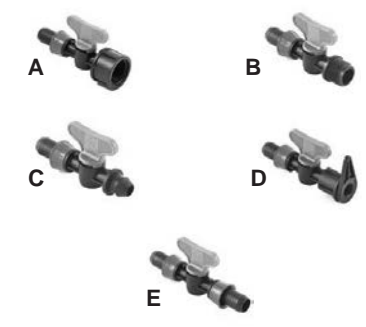
Mini valves for PEBD pipe, drip line and threaded fittings							
Ø	Code	Description	Box	Fig.	€		
3/4" x 16	FRS085	Male threaded valve for hose adaptor	1 - 50	A	0,49		
3/4" x 20	FRS115						
1/2" x 16	FRS086	Male threaded valve for hose adaptor with backnut		B	0,55		
3/4" x 16	FRS087						
1/2" x 20	FRS088						
3/4" x 20	FRS089	Hose adaptor valve/hose adaptor		C	0,49		
16 x 16	FRS008						
20 x 20	FRS009						
16 x 16	FRS080	Hose adaptor valve/hose adaptor with backnut	D	0,59			
20 x 20	FRS081		0,61				
3/4" x 16	FRS017	Female threaded valve/hose adaptor	E	0,53			
3/4" x 20	FRS018						
3/4" x 3/4"	FRS015	F/F threaded valve	F	1,36			
	FRS016	M/F threaded valve	G	0,53			



Mini valves for Tape							
Ø	Code	Description	Box	Fig.	€		
3/4" x 16	FRS020	F 3/4" threaded valve/tape	1 - 50	A	1,15		
3/4" x 22	FRS098			1,31			
3/4" x 16	FRS095	M 3/4" threaded valve/tape		B	0,96		
3/4" x 22	FRS099			1,09			
16	FRS090	PVC x Tape Ø 16 with optional rubber D2		C	1,11		
	FRS094	PVC x Tape Ø 16 with optional rubber D3		D2	1,01		
	FRS096	PE x Tape Ø 16		D3			
	FRS100	Tape derivation valve with Layflat pipe screw	D	1,31			
22	FRS101		1,48				
16	FRS091	Valve Tape x Tape	E	1,11			
22	FRS092		1,23				



Mini valves for T-SAL							
Ø	Code	Description	Box	Fig.	€		
3/4" x 16	FRS006	Valve 3/4" Female for T-SAL with floating ring	1 - 50	A	1,15		
3/4" x 22	FRS007			1,31			
3/4" x 16	FRS024	Valve 3/4" Male for T-SAL with floating ring		B	0,96		
3/4" x 22	FRS005			1,09			
16	FRS025	Valve from T-SAL with floating ring to PE pipe		C	1,01		
22	FRS027			1,15			
16	FRS108	Valve TSAL x Layflat		D	1,31		
22	FRS109		1,48				
16	FRS112	Valve TSAL	E	1,11			
22	FRS113		1,23				



N.B.: pipe drill and driver key for Layflat on page 11

► HANSEN VALVES ON PAGE 62



► AIR RELEASES

Ø	Code	Description	Effect	Box	Fig.	€	
3/4"	FVI321	Air Releases	Single	1	A	8,32	
1"	FVI322				B	14,52	
3/4"	FVI362		Low pressure		Double	C	14,56
	FVI354						
1"	FVI355		Triple		Triple	B	29,12
	FVI363						
FVI370							
2"	FVI366	Triple	Triple	B	33,28		
	FVI396				91,52		



► END LINE VALVES

Ø	Code	Description	Box	Fig.	€
1/2" M	FVI704	Air Valve Rain Bird ⁽¹⁾	1	A	4,10
	OAC033	Brass draining valve	2	B	12,11



⁽¹⁾ Rain Bird discount

VALVES

► ELECTROVALVES AND ACCESSORIES

Electrovalve in Glass fibre reinforced in Nylon series 203				
Code	Ø		Volt	€
OVB300	3"	Line	24	155,28
OVB309			9	168,33
OVB301		Angle	24	410,00
OVB302			9	430,00



Line



Angle

Hydraulic valves glass fibre made reinforced with nylon - 200 threaded series		Ø	1/2"	3/4"	1"	1 1/2"	2"
Solenoid valve 24V AC	in line with control flow	€		42,00	42,00	84,00	96,00
		Code		OVB202	OVB203	OVB204	OVB205
€		42,00	56,00	56,00	102,00	112,00	
Code		OVB209*	OVB212	OVB213	OVB214	OVB215	
Solenoid valve 24V AC	at angle with control flow	€				84,00	96,00
		Code				OVB206	OVB207
€					102,00	112,00	
Code					OVB216	OVB217	
Latching solenoid valve	in line with control flow	€				171,00	198,00
		Code				OVB220	OVB221
€					171,00	198,00	
Code					OVB222	OVB223	
Pressure reducing	at angle with control flow	€				171,00	198,00
		Code				OVB222	OVB223



OVB209
valve



200 series



100 series

Hydraulic valves glass fibre made reinforced with nylon - 100 threaded series		Ø	1 1/2"	2"	2"L	2 1/2"	3"	3" T	3"L
Mechanical closing basic valve	€	113,00	117,00	125,00	137,00	143,00	143,00	247,00	
	Code	FERB003	FERB004	FERB005	FERB006	FERB007	FERB600	FERB008	
Solenoid valve 24V AC 3 ways	€	146,00	152,00	159,00	168,00	173,00	173,00	288,00	
	Code	FERB031	FERB032	FERB033	FERB034	FERB035	FERB604	FERB036	
Solenoid valve 24V AC 2 ways	€	125,00	130,00	135,00	146,00	151,00	151,00		
	Code	FERB025	FERB026	FERB027	FERB028	FERB029	FERB603		
Solenoid valve with Latch 3 ways	€	202,00	208,00	214,00	225,00	229,00	229,00	335,00	
	Code	FERB049	FERB050	FERB051	FERB052	FERB053	FERB606	FERB054	
Solenoid valve with Latch 2 ways	€	142,00	148,00	155,00	164,00	169,00	169,00		
	Code	FERB043	FERB044	FERB045	FERB046	FERB047	FERB605		
Mechanical closing pressure reducing	2 ways	€	258,00	263,00	268,00	280,00	285,00	285,00	367,00
		Code	FERB061	FERB062	FERB063	FERB064	FERB065	FERB607	FERB066
	3 ways - position manual selector	€	258,00	263,00	268,00	280,00	285,00	285,00	367,00
		Code	FERB073	FERB074	FERB075	FERB076	FERB077	FERB608	FERB078
	3 ways hydraulic control - position manuale selector	€	269,00	274,00	280,00	291,00	298,00	298,00	381,00
		Code	FERB097	FERB098	FERB099	FERB100	FERB101	FERB609	FERB102
	2 ways electrical activation	€	296,00	301,00	305,00	319,00	324,00	324,00	406,00
Code		FERB109	FERB110	FERB111	FERB112	FERB113	FERB611	FERB114	
3 ways electrical activation	€	296,00	301,00	305,00	319,00	324,00	324,00	406,00	
	Code	FERB121	FERB122	FERB123	FERB124	FERB125	FERB612	FERB126	
latching 3 ways electrical activation	€	310,00	315,00	319,00	333,00	338,00	338,00	420,00	
	Code	FERB133	FERB134	FERB135	FERB136	FERB137	FERB618	FERB138	
Pressure reducing/support	3 ways position manual selector	€	360,00	364,00	369,00	384,00	388,00	388,00	452,00
		Code	FERB145	FERB146	FERB147	FERB148	FERB149	FERB613	FERB150
Pressure support with mechanical closing	3 ways position manual selector	€	258,00	263,00	268,00	280,00	285,00	285,00	367,00
		Code	FERB157	FERB158	FERB159	FERB160	FERB161	FERB614	FERB162
	3 ways electrical activation	€	296,00	301,00	305,00	319,00	324,00	324,00	394,00
		Code	FERB169	FERB170	FERB171	FERB172	FERB173	FERB615	FERB174
Mechanical closing pressure quick release		€	258,00	263,00	268,00	280,00	285,00		367,00
		Code	FERB181	FERB182	FERB183	FERB184	FERB185		FERB186
Modulating level control constant level		€	257,00	264,00	268,00	280,00	287,00		387,00
		Code	FERB193	FERB194	FERB195	FERB196	FERB197		FERB198

* While stocks lasts





Hydraulic valves glass fibre made reinforced with nylon - 100 threaded angle series		Ø	3"	3"L
Mechanical closing basic valve		€	139,00	240,00
		Code	FERB009	FERB010
3 ways solenoid valve 24V AC		€	168,00	339,00
		Code	FERB037	FERB038
3 ways solenoid Latch valve 24V AC		€	223,00	325,00
		Code	FERB055	FERB056
Mechanical closing pressure reducing	2 ways	€	277,00	356,00
		Code	FERB067	FERB068
	3 ways - position manual selector	€	277,00	356,00
		Code	FERB079	FERB080
	2/3 ways for low pressure - servo pilot - position manual selector	€	290,00	370,00
		Code	FERB103	FERB104
	2 ways electrical activation	€	315,00	394,00
		Code	FERB115	FERB116
3 ways electrical activation	€	315,00	394,00	
	Code	FERB127	FERB128	
latching 3 ways electrical activation	€	329,00	408,00	
	Code	FERB139	FERB140	
Pressure reducing/support	3 ways - position manual selector	€	454,00	436,00
		Code	FERB151	FERB152
Mechanical closing pressure support	3 ways - position manual selector	€	277,00	356,00
		Code	FERB163	FERB164
	3 ways electrical activation	€	315,00	394,00
Code		FERB175	FERB176	
Mechanical closing pressure quick release		€	277,00	356,00
		Code	FERB187	FERB188
Modulating level control constant level		€	263,00	345,00
		Code	FERB199	FERB200



100 threaded angle series

Hydraulic valves glass fibre made reinforced with nylon - 100 flanged series		Ø	DN 80	DN 80L	DN 100	DN100-L	DN150-R	DN 150
Mechanical closing basic valve		€	204,00	308,00	328,00	660,00	Req.	972,00
		Code	FERB011	FERB012	FERB013	FERB016	FERB015	FERB014
3 ways solenoid valve 24V AC		€	234,00	349,00	370,00	737,00	Req.	1.009,00
		Code	FERB039	FERB040	FERB041	FERB620	FERB621	FERB042
2 ways solenoid valve 24V AC		€	218,00					
		Code	FERB030					
3 ways Latch solenoid valve		€	290,00	396,00	416,00	745,00	Req.	1.045,00
		Code	FERB057	FERB058	FERB059	FERB622	FERB623	FERB060
2 ways Latch solenoid valve		€	235,00					
		Code	FERB048					
Mechanical closing pressure reducing	2 ways	€	346,00	429,00	448,00	784,00	Req.	1.180,00
		Code	FERB069	FERB070	FERB071	FERB624	FERB625	FERB072
	3 ways - position manual selector	€	346,00	429,00	448,00	784,00	Req.	1.180,00
		Code	FERB081	FERB082	FERB083	FERB626	FERB627	FERB084
	3 ways hydraulic control - position manual selector	€	358,00	442,00	462,00	796,00	Req.	1.190,00
		Code	FERB105	FERB106	FERB107	FERB628	FERB629	FERB108
	2 ways electrical activation	€	385,00	467,00	486,00	823,00	Req.	1.217,00
		Code	FERB117	FERB118	FERB119	FERB630	FERB631	FERB120
3 ways electrical activation	€	385,00	467,00	486,00	799,00	Req.	1.006,00	
	Code	FERB129	FERB130	FERB131	FERB632	FERB633	FERB132	
latching 3 ways electrical activation	€	399,00	481,00	500,00	813,00	Req.	1.020,00	
	Code	FERB141	FERB142	FERB143	FERB634	FERB635	FERB144	
Pressure reducing/support	3 ways position manual selector	€	449,00	528,00	549,00	882,00	Req.	1.276,00
		Code	FERB153	FERB154	FERB155	FERB636	FERB637	FERB156
Pressure support with mechanical closing	3 ways position manual selector	€	346,00	429,00	448,00	784,00	Req.	1.180,00
		Code	FERB165	FERB166	FERB167	FERB638	FERB639	FERB168
	3 ways electrical activation	€	385,00	467,00	486,00	823,00	Req.	1.217,00
Code		FERB177	FERB178	FERB179	FERB640	FERB641	FERB180	
Mechanical closing pressure quick release		€	346,00	429,00	448,00	784,00	Req.	1.180,00
		Code	FERB189	FERB190	FERB191	FERB642	FERB643	FERB192
Modulating level control constant level		€	348,00	448,00	469,00	805,00	Req.	1.112,00
		Code	FERB201	FERB202	FERB203	FERB644	FERB645	FERB204



100 flanged series



VALVES

Control hydraulic cast iron valves - 400 threaded series		Ø	1"1/2	2"	2"1/2	3"R	3"
Basic valve	€	116,00	123,00	176,00	176,00	285,00	
	Code	FERB400	FERB401	FERB403	FERB404	FERB405	
Basic valve + 3 ways selector	€	141,00	146,00	197,00	197,00	308,00	
	Code	FERB413	FERB414	FERB416	FERB417	FERB418	
Basic valve + 3 ways solenoid 24V AC	€	146,00	152,00	209,00		328,00	
	Code	FERB425	FERB426	FERB428		FERB430	
Basic valve + 3 ways solenoid 9V DC	€	160,00	166,00	223,00		342,00	
	Code	FERB440	FERB441	FERB443		FERB445	
Basic valve + pressing reducing +3 ways selector	€	221,00	231,00	289,00		392,00	
	Code	FERB455	FERB456	FERB458		FERB460	
Basic valve + solenoid 24V AC + pressing reducing + 3 ways selector	€	263,00	267,00	329,00		431,00	
	Code	FERB482	FERB483	FERB485		FERB487	
Basic valve + solenoid 9V DC + pressing reducing + 3 ways selector	€	277,00	281,00	343,00		445,00	
	Code	FERB500	FERB501	FERB503		FERB505	
Basic valve + reducing + pressure support	€	334,00	339,00	404,00		500,00	
	Code	FERB515	FERB516	FERB518		FERB520	
Basic valve + quick release	€	279,00	281,00	330,00		441,00	
	Code	FERB530	FERB531	FERB533		FERB535	
Basic valve + pressure support	€	221,00	231,00	289,00		392,00	
	Code	FERB545	FERB546	FERB548		FERB550	

Control hydraulic cast iron valves - 400 flanged series		Ø	DN80	DN100	DN150	DN200
Basic valve	€	309,00	465,00	989,00	1.712,00	
	Code	FERB407	FERB409	FERB411	FERB412	
Basic valve + 3 ways selector	€	333,00	488,00	1.020,00		
	Code	FERB420	FERB422	FERB424		
Basic valve + 3 ways solenoid 9V DC	€	350,00	509,00			
	Code	FERB432	FERB434			
Basic valve + pressing reducing +3 ways selector	€	364,00	523,00			
	Code	FERB447	FERB449			
Basic valve + pressing reducing +3 ways selector	€	418,00	576,00			
	Code	FERB462	FERB464			
Basic valve + solenoid 24V DC + pressing reducing + 3 ways selector	€	457,00	614,00			
	Code	FERB489	FERB491			
Basic valve + solenoid 9V DC + pressing reducing + 3 ways selector	€	471,00	628,00			
	Code	FERB507	FERB509			
Basic valve + reducing + pressure support	€	524,00	684,00			
	Code	FERB522	FERB524			
Basic valve + quick release	€	470,00	598,00			
	Code	FERB537	FERB539			
basic valve + pressure support	€	418,00	576,00			
	Code	FERB552	FERB554			



400 threaded series



400 flanged series

Backwashing valves - 350 series		Ø	Basic valve	With manual selector	with solenoid 24V AC	with solenoid 9V Latch
Backwashing valve, 2 x 2 plastic body	€	194,00	218,00	357,00	372,00	
	Code	FERB350	FERB360	FERB370	FERB375	
Backwashing valve, 3 x 3 plastic body	€	452,00	476,00	595,00	610,00	
	Code	FERB351	FERB361	FERB371	FERB376	
Backwashing valve, 3 x 2 metal body	€	593,00	617,00	735,00	750,00	
	Code	FERB354	FERB364	FERB374	FERB379	
Backwashing valve, 4 x 4 plastic body	€	REQ.	REQ.	REQ.	REQ.	
	Code	FERB353	FERB363	FERB373	FERB378	



**N.B.: standard configuration with Normally Open (N.O.) valve
Discount Bermad 350/PRV**

Cast iron hydraulic valves					
Threaded	Ø	2"	2"1/2	3"	4"
Basic valve	€	74,91	89,00	162,73	317,00
	Code	FERV101	FERV102	FERV103	FERV105
3 ways manual activation valve	€	110,25	121,80	189,00	309,75
	Code	FERV141	FERV142	FERV143	FERV144
Electrovalve NC 24V AC 9 bar (3 ways)	€	187,95	199,50	265,65	386,40
	Code	FERV221	FERV222	FERV223	FERV224
Electrovalve NA 24V AC 9 bar (3 ways)	€	187,95	199,50	265,65	386,40
	Code	FERV241	FERV242	FERV243	FERV244
Electrovalve latch 6 - 40 V (3 ways)	€	198,45	210,00	276,15	452,00
	Code	FERV261	FERV262	FERV263	FERV264
Pressure reducing valve (3 ways pilot) 12 bar	€	288,75	300,30	367,50	488,25
	Code	FERV321	FERV322	FERV323	FERV324
Pressure support valve (3 ways pilot) 12 bar	€	288,75	301,35	367,50	488,25
	Code	FERV341	FERV342	FERV343	FERV344
Electrovalve 24V AC pressure reducing (3 ways pilot)	€	362,25	373,80	441,00	561,75
	Code	FERV361	FERV362	FERV363	FERV364
Electrovalve 12V DC	€	164,85	199,50	217,37	376,95
	Code	FERV449	FERV450	FERV451	FERV452

Manual activation threaded valve



Electric activation threaded valve

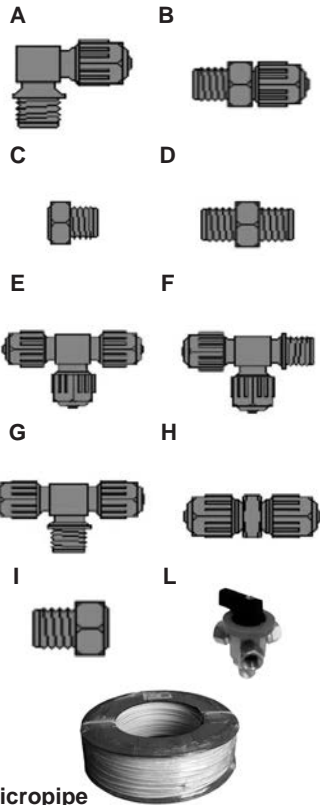


Pressure reducing flanged valve



Flanged	Ø	DN 80	DN 100	DN 125	DN 150	DN 200
Basic valve	€	251,00	350,44	388,66	795,00	1.313,79
	Code	FERV110	FERV111	FERV112	FERV113	FERV114
3 ways manual activation valve	€	282,45	380,81	419,03	805,35	1.344,16
	Code	FERV150	FERV151	FERV152	FERV153	FERV154
Electrovalve NC 24V AC 9 bar. (3 ways)	€	358,05	441,00	475,65	908,25	1.379,61
	Code	FERV230	FERV231	FERV232	FERV233	FERV234
Electrovalve NA 24V AC 9 bar. (3 ways)	€	358,05	441,00	475,65	908,25	1.379,61
	Code	FERV250	FERV251	FERV252	FERV253	FERV254
Electrovalve latch 6 - 40 V (3 ways)	€	348,60	428,40	452,55	REQ.	REQ.
	Code	FERV270	FERV271	FERV272	FERV213	FERV274
Pressure reducing valve (3 ways pilot) 12 bar	€	459,90	520,80	556,50	987,00	1.411,92
	Code	FERV330	FERV331	FERV332	FERV333	FERV334
Pressure support valve (3 ways pilot)	€	459,90	520,80	556,50	987,00	1.421,84
	Code	FERV350	FERV351	FERV352	FERV353	FERV354
Electrovalve 24V AC pressure reducing (3 ways pilot)	€	533,40	613,20	646,80	1.081,50	1.512,00
	Code	FERV370	FERV371	FERV372	FERV373	FERV374
Electrovalve 12V DC	€	358,05	445,00	475,00	908,25	1.377,78
	Code	FERV455	FERV456	FERV457	FERV458	FERV459

VALVES



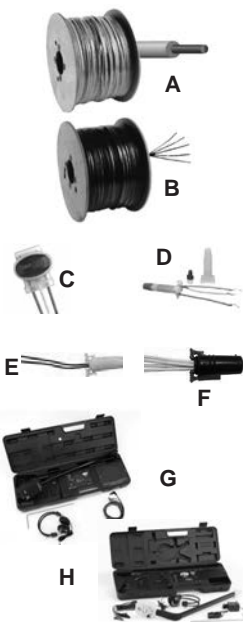
Micropipe



Mini plastic pilots



SC mini plastic pilots



Mini fittings					
Description	Ø	Fig.	Code	Box	€
Elbow	6 x 1/8" M	A	RTG001	1	1,31
	6 x 1/4" M		RTG002		
	8 x 1/8" M		RTG003		
	8 x 1/4" M		RTG004		
Male fitting	6 x 1/8" M	B	RTD001	1	1,10
	6 x 1/4" M		RTD002		
	8 x 1/8" M		RTD003		
	8 x 1/4" M		RTD004		
Plug fitting	1/8" M	C	RTT320	1	0,74
	1/4" M		RTT321		
Nipple	1/8" M x 1/8" M	D	RTN001	1	0,74
	1/4" M x 1/4" M		RTN002		
	1/4" M x 1/8" M		RTN003		
Tee fitting	6 x 6 x 6	E	RTT300	1	1,80
	8 x 8 x 8		RTT301		
	6 x 6 x 1/8" M	F	RTT315		
	6 x 6 x 1/4" M		RTT316		
	8 x 8 x 1/8" M		RTT317		
	8 x 8 x 1/4" M	G	RTT318		
	6 x 1/8" M x 6		RTT310		
	6 x 1/4" M x 6		RTT311		
	8 x 1/8" M x 8		RTT312		
	8 x 1/4" M x 8		RTT313		
Coupling	6 x 6	H	RTM200	1	1,40
	8 x 8		RTM201		
	6 x 8		RTM202		
Reduction	1/2" M x 1/8" F	I	RTR099	1	1,24
	1/2" M x 1/4" F		RTR098		
	1/2" M x 3/8" F		RTR097		
3 ways valve	1/8" F x 1/8" F x 1/8" F x 1/4" M	L	FERC1645	1	17,64

N.B: you can find micropipe for hydraulic control on page 26

Mini plastic pilots for valves ⁽¹⁾							
Description	Bar		Box	Code	€		
Mini pilot	0,5-3	PC-Sharp X-P	1	APL013	115,00		
		PC-Sharp X-P		APL011			
		PC-Sharp X-P		APL017			
	0,8-6,5	PC-20-A-P		APL015			
		PC-20-A-P		APL014			
		PC-3Q-P		APL016			
	0,8-6,5	PC-3Q-P		APL016		APL022	
	0,5-3,0	SERVO		APL022		APL012	221,00
	1-7	PC-X-M-P		APL012		APL009	696,00
	1-16	#2PB		APL009			

⁽¹⁾ see Bermad discount

Mini pilot in plastic SC series			
Description	Box	Code	€
Mini pilot Regulator pilot 3 ways plastic SC	1	FERC1536	69,00

► CABLES PAIGE AND ACCESSORIES

Low voltage electric cables Paige						
Description	mm ²	Fig.	Box	Code	€	
Paige cable	1,50	A	mt 760	CCV008	0,80	
			mt 760/100 ⁽¹⁾	CCV010		
	2,50		mt 760	CCV009	1,22	
			mt 760/100 ⁽¹⁾	CCV017		
	0,82		B	mt 152	CVF050	0,98
					CVF056	1,10
				mt 76	CVF051	1,67
					CVF052	2,27
					CVF055	2,92
					CVF053	3,11
CVF054		3,99				
Connectors	3,90	C	30	OAA015	1,66	
		D	1	OAA008	2,44	
	6,00	E	24	OAA051	1,87	
		F	12	OAA016	2,46	

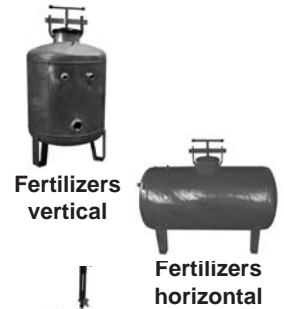
⁽¹⁾ Roll of mt. 100 on request

⁽²⁾ See Rain Bird discount

Cables locator				
Description	Fig.	Box	Code	€
Cables locator SC-07 600 mt	G	1	ORV020	1.328,75
Cables locator SC-08 1200 mt	H		ORV021	1.661,48
Cables locator SC-09	I		ORV023	2.771,00

► FERTILIZERS

Description		Capacity lt	Code	€
Fertilizer	GALVANIZED vertical	80	AFR001	506,94
		120	AFR002	564,06
		150	AFR010	627,00
	PAINTED horizontal	200	AFR011	774,00
		300	AFR019	820,00
		500	AFR021	1.060,00



► VENTURI INJECTORS

Description	Ø conn.	Model	Code	€
Suction kit contains , Venturi, flow measurement, clear vinyl pipe, strainer and 2 clamps ⁽¹⁾⁽²⁾	3/4"	S112R	OIV010	32,46
	1"	S113R	OIV011	49,47
	1 1/2"	S114R	OIV012	68,02
	2"	S115R	OIV013	80,88
By pass and Venturi fitting complete kit for hydrocyclon (you can find hydrocyclons on page 30)	3/4"		OIV020	42,50
	1"		OIV022	63,41



⁽¹⁾ PP standard injector, PVDF available on request

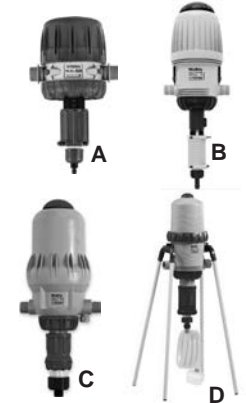
⁽²⁾ Please, consider 10% more applied to the prices above for a Venturi only (without flow measurement)

► TEFEN PROPORTIONAL DOSINGS

Description	Dosage rate %	Ø conn.M	m³/h	Fig.	Code	NEW
						€
MixRite1 OnOff	0,2	3/4"	1,0	A	FER330	377,50
MixRite 2.5 OnOff	0,2 ÷ 2				FER331	422,66
	0,4 ÷ 4				FER332	422,66
MixRite 2.5 OnOff ByPass Interno	3 ÷ 10				FER333	712,67
MixRite TF5 OnOff	0,1 ÷ 1	1"	5,0	C	FER334	979,39
	0,2 ÷ 2				FER335	979,39
	0,5 ÷ 5				FER336	1.147,17
MixRite TF10 OnOff	0,1 ÷ 1	1 1/2"	10,0	C	FER337	1.383,25
	0,2 ÷ 2				FER338	1.383,25
	1 ÷ 5				FER339	1.415,61
MixRite TF25 OnOff	0,2 ÷ 2,5	2"	25,0	D	FER340	2.027,69
	1 ÷ 5,5				FER341	2.122,07

*On request available also other models

TEFEN
FLOW & DOSING TECHNOLOGIES



► ELECTRIC PROPORTIONAL PUMPS

Horizontal assembly pumps (diaphragm)						
Series	Type	l/h	5	10	20	40
		bar	25	15	7	3
AMS analogic	CL	Code	FER861	FERD100	FERD101	FERD103
		€	712,66	712,66	754,58	796,50
	PLUS	Code	FERD104	FERD105	FERD106	FERD107
		€	770,44	785,17	812,36	856,55

Series	Type	l/h	5	8
		bar	10	8
K analogic	CL	Code	FERD116	FERD117
		€	447,54	447,54
	PLUS	Code	FERD118	FERD119
		€	489,46	489,46

Series	Type	l/h	5	10	20	40
		bar	25	15	7	3
AMS digital	MF	Code	FERD124	FERD125	FERD126	FERD127
		€	963,05	963,05	1.006,10	1.048,03
	PH	Code	FERD128	FERD129	FER860	FERD130
		€	963,05	963,05	1.006,10	1.048,03
	RH	Code	FERD131	FERD132	FERD133	FERD134
		€	963,05	963,05	1.006,10	1.048,03

Series	Type	l/h	8
		bar	8
KMS digital	DC	Code	FERD148
		€	609,55
	PH	Code	FERD157
		€	609,55



AMS series pump horizontal analogic



AMS series pump horizontal digital

FERTIGATION



T series pump vertical analogic



TMS series pump vertical digital



Dostec 40



Dostec 50



Multifertic

Vertical assembly pumps (diaphragm)							
Series	Type	I/h	5	15	20	30	50
		bar	20	5	4	3	1
T analogic	TCO	Code	FERD401	FERD402	FERD403	FERD404	FERD405
		€	467,93	503,05	503,05	639,01	639,01
	TCL	Code	FERD409	FERD410	FERD411	FERD412	FERD413
		€	552,90	588,03	588,03	720,59	769,31

Series	Type	I/h	5	15	20	30	50
		bar	20	5	4	3	1
TMS digital	DC	Code	FERD228	FERD420	FERD421	FERD422	FERD423
		€	592,56	619,75	619,75	754,58	754,58
	MF	Code	FERD444	FERD445	FERD446	FERD447	FERD448
		€	634,48	665,07	665,07	801,03	801,03
	PH	Code	FERD237	FERD239	FERD431	FERD245	FERD433
		€	754,58	787,44	787,44	923,40	923,40
	RH	Code	FERD246	FERD440	FERD441	FERD442	FERD443
		€	754,58	787,44	787,44	923,40	923,40

Dostec piston proportioning pumps						
Description	Engine	P _{max} - bar	I/h _{max}	Code	€	
Dostec 40	Three-phase	15,0	25	FER050	733,05	
		15,0	50	FER051		
		15,0	100	FER052		
		11,0	200	FER053	746,65	
		7,0	300	FER054	776,11	
		4,5	500	FER055	950,59	
	Single-phase	15,0	25	FER056	770,44	
		15,0	50	FER057		
		15,0	100	FER058	818,03	
		11,0	200	FER059	841,82	
		7,0	300	FER060	874,68	
		4,5	500	FER061	1.024,23	
		12V 130W	3,5	200	FER047	846,35
		12V 300W	10,0		FER043	
	Dostec 50	Three-phase	6,0	300	FER044	864,48
			4,5	500	FER045	1.028,76
11,0			500	FER062	1.441,18	
7,5		750	FER063	1.538,61		
5,5		1.000	FER064	1.612,26		

Dostec diaphragm proportioning pumps					
Description	Engine	P _{max} - bar	I/h _{max}	Code	€
Dostec 40	Three-phase	10,0	100	FER640	770,44
		8,0	200	FER642	882,61
		5,0	300	FER643	946,06
	Single-phase	15,0	25	FER632	1.077,48
		15,0	50	FER633	1.155,66
		10,0	100	FER634	1.230,44
		8,0	200	FER636	1.446,84
		5,0	300	FER637	1.620,19
		12V 130W	15,0	25	FER647
	12V 300W	15,0	50	FER648	1.131,87
		10,0	100	FER649	1.224,77
		5,0	200	FER650	1.343,74
		8,0		FER651	1.560,14
		5,0	300	FER652	1.576,00

Multifertic 1 piston module pumps						
Description	Engine	P _{max} - bar	I/h _{max}	Code	€	
Piston Multi-fertic	Three-phase	15	50	FER001	987,98	
		15	100	FER002	1.157,93	
		8	200	FER003	1.247,43	
		5	300	FER004	1.335,81	
		3	500	FER005	1.752,75	
		15	50	FER006	1.059,36	
	Single-phase	15	100	FER011	1.227,04	
		8	200	FER012	1.313,15	
		5	300	FER013	1.404,92	
		12V 130W	10	50	FER026	968,72
		5	100	FER027	1.133,00	
		3	200	FER028	1.219,11	
	12V 300W	14	100	FER022	1.203,25	
		7	200	FER023	1.288,22	
		4	300	FER024	1.375,46	

Multifertic PEAPM piston additional modules

Description	I/h _{max}	Code	€
Additional module	50	FER031	453,60
	100	FER032	609,61
	200	FER033	666,20
	300	FER034	774,29
	500	FER035	1.171,52



Additional module

Multifertic diaphragm pumps*

Description	Engine	P _{max} - bar	I/h _{max}	Code	€
Diaphragm Multifertic	Three-phase	10	50	FERM002	995,91
		10	100	FERM003	1.162,46
		6	200	FERM004	1.480,83
		4	300	FERM005	1.330,14
	Single-phase	10	100	FERM012	1.230,44
		6	200	FERM013	1.317,68
		4	300	FERM014	1.500,09
	12V 130W	10	50	FERM027	995,91
		5	100	FERM026	1.162,46
		3	200	FERM025	1.317,68
	12V DC 300W	10	100	FERM022	1.246,30
		4	300	FERM024	1.403,79



Multifertic

* prices includes the pumps with 1 module

Diaphragm Multifertic additional modules

Description	I/h _{max}	Code	€
Additional module	50	FERM031	428,27
	100	FERM032	594,83
	200	FERM033	679,80



Additional module

Piston Pump Electrofertic

Description	Modules - I/h	P _{max} - bar	I/h _{max}	Code	€
2 high pressure modules	2 (500+500)	12,0	1.000	FER670	4.398,31
	2 (750+500)		1.250	FER671	4.555,79
	2 (750+750)	8,0	1.500	FER672	4.722,34
	2 (1.000+500)		1.500	FER673	4.903,62
	2 (1.000+750)	6,0	1.750	FER674	5.103,03
	2 (1.000+1.000)		2.000	FER675	5.314,90



Electrofertic

Dostec AC piston dosing pump advanced control

Description	Ø connection	P _{max} - bar	I/h _{max}	Model	Code	€
Dostec AC piston dosing pump	1"1/4	5,5	1.200	73-AC3P44-P110PPX	FER700	3.967,11
		7,5	900	73-AC3P44-P95PPX	FER701	1.441,72
		11,0	600	73-AC3P44-P77PPX	FER702	1.377,59
	3/4"	7,0	360	73-AC2P44-P61PPM	FER703	1.089,61
		11,0	240	73-AC2P44-P49PPM	FER704	1.044,84
		15,0	120	73-AC2P44-P34PPM	FER705	1.001,88

NEW



Dostec AC

Dostec AC diaphragm dosing pump advanced control

Description	Ø connection	P _{max} - bar	I/h _{max}	Model	Code	€
Dostec AC diaphragm dosing pump	1"1/4	5,0	1.044	73-AC3D44-D163PBX	FER706	1.606,28
			498	73-AC3D43-D142PBX	FER708	1.455,63
		10,0	249	73-AC3D33-D142PBX	FER709	1.391,50
	3/4"	8,0	144	73-AC2D42-D95PBM	FER710	1.059,96



► MIXERS

Electrical turbin mixers									
Description	Coupling	m ³ _{max} liquid	Stick mm	Power supply	Power W	Code	€		
Electrical turbin mixers	Flange	7,0	2.000	Three-phase	500	FER160	1.250,83		
		6,0	1.800			FER161			
		10,0	1.500	Single-phase	750	FER166	644,68		
						FER167	983,44		
				3,0	1.300	Three-phase	370	FER168	600,49
				2,3	1.000			FER169	560,84
				3,0	1.300	Single-phase	370	FER170	890,54
				2,3	1.000			FER171	721,72
				1,8	1.300	12V DC ⁽¹⁾	300	FER172	838,42
				1,5	1.000			FER173	785,17
				0,6	1.100	Three-phase	185	FER174	343,30
						Single-phase		FER175	441,87
					12V DC	130	FER176	555,17	
		Clamp	10,0	1.500	Three-phase	750	FER177	754,58	
					Single-phase		FER178	1.112,61	
				3,0	1.300	Three-phase	370	FER179	720,59
				2,3	1.000			FER180	668,47
				3,0	1.300	Single-phase	370	FER181	752,31
			2,3	1.000	FER182				
			1,8	1.300	12V DC ⁽¹⁾	300	FER183	948,32	
			1,5	1.000			FER184	906,40	



Electrical turbin mixers

⁽¹⁾ On request

Turbin mixers control panels ⁽¹⁾				
Description	Power supply	N° turbin mixers	Code	€
Control panel	Single-phase	1	EQE520	204,00
		2	EQE528	310,00
	Three-phase	1	EQE526	269,00
		2	EQE538	403,00



Turbin mixers control panels

⁽¹⁾ Pumps and accessories discount

► IRRIGATION CONTROLLERS AND ACCESSORIES

Agronic 2500 controllers								
Type	Sectors		220/24V AC	12V DC	Latch 2 wires	Latch 3 wires	12V double voltage	12V with battery charger
Agronic 2500 wallbox version	9	€	1.240,49	1.149,34	1.228,60	1.357,41	1.278,02	1.198,88
		Code	OPG2500	OPG2506	OPG2512	OPG2518	OPG2524	OPG2530
	18	€	1.399,02	1.366,40	1.387,13	1.545,66	1.436,64	1.357,41
Code		OPG2501	OPG2507	OPG2513	OPG2519	OPG2525	OPG2531	
27	€	1.773,55	1.664,38	1.783,46	1.971,71	1.832,06	1.733,92	
	Code	OPG2502	OPG2508	OPG2514	OPG2520	OPG2526	OPG2532	
Agronic 2500 built-in version	9	€	1.337,60	1.228,60	1.347,50	1.476,31	1.396,99	1.297,29
		Code	OPG2503	OPG2509	OPG2515	OPG2521	OPG2527	OPG2533
	18	€	1.478,28	1.387,13	1.462,16	1.616,08	1.510,26	1.452,54
Code		OPG2504	OPG2510	OPG2516	OPG2522	OPG2528	OPG2534	
27	€	1.862,72	1.752,75	1.872,63	2.060,88	2.148,17	1.823,00	
	Code	OPG2505	OPG2511	OPG2517	OPG2523	OPG2529	OPG2535	



Agronic 2500

Agronic 2500 controllers			
Description	Code	Box	€
Diesel motor control	FER2500	1	86,58
PLUS: offers a significant basic device performance increase, can be activated at the factory or subsequently to satisfy new system requirements	FER2501		278,97
PC program (wired, modem or radio connection needed)	FER2502		346,30
SMS and/or Pc connection with GSM/GPRS included	FER2503		528,00
USB port to connect a PC next to	FER2504		317,45
PC radio connection that needs Agronic radio modem	FER2505		698,50
Agronic radiomodem to install into the PC	FER2506		1.777,60
Connection with AgroBee (accessories can be found on the next page)	FER2507		625,27
2 analogic input PLUS option need	FER2508		327,80
Pivot option	FER2514		827,28
WEB platform	FER194		153,91
Wi- FI connection	FER2017		788,70

Agronic 2500 optionals			
Description	Code	Box	€
Transformer 220V-12V 2A	FER2512	1	80,85
Transformer 220V-24V 50VA	FERC974		53,90
Regular solar panel with 7 A battery	FER2509		353,10
5W 12V solar panel with support	FER2510		211,20
10W 12V solar panel with support	FER2511		306,90
12V 7 A Battery	FER2513		38,50

Agronic 4000 controllers						
Description	Sectors	Power supply	Output	Code	Box	€
Agronic 4000	16	220 Volt	24V AC	OPG1154	1	2.347,40
	24			OPG1000		2.557,50
	32			OPG1102		2.766,50
	48			OPG1106		3.675,10
	64			OPG1110		4.087,60
	80			OPG1114		4.515,50
	96	OPG1118	4.935,70			
	16	12V CC	12V CC	OPG1153		2.291,30
	24			OPG1155		2.502,50
	32			OPG1101		2.711,50
	48			OPG1105		3.620,10
	64			OPG1109		4.029,30
	80			OPG1113		4.459,40
	96			OPG1117		4.878,50



Agronic 4000

Agronic 4000 optionals			
Description	Code	Box	€
Diesel motor	FER2500	1	86,58
Generator double voltage	FER961		96,80
Ph control and ce reading (analogic e/u option needed)	FER501		154,00
Ph control and ce reading (opt. needed e/u analogic)	FER520		460,90
RS-232 connection	FER503		256,30
RS-232second port and connection	FER964		721,60
RS-485 connection	FER504		196,90
USB connection	FER514		356,40
i/o analogic 220 vac or 12 vdc	FER521		693,00
Double door exit option RS232	FER522		721,60
Gprs modem	FER310		635,80
Gsm modem, antenna and 220 vac or 12 vdc power supply included	FER508		394,90
Sms	FER515		145,20
From 2 to 3 version updating	FER523		154,00
Program factors	FER507		231,00
On line water pression recorder (analogic e/u option needed)	FER973		168,30
Second analogic E/U board option	FER524		673,42
One cable Option	FER967		231,00
Agronic radio cable	FER525		346,50
Web platform option	FER194		153,91

Agrobee per Agronic 2500 and 5500 radio system				
Description	Code	Box	€	
2SD (2 threads latch 2 solenoids) battery	OPG3005	1	634,89	
2SD-2ED (2 threads latch 2 solenoids, 2 digital input) solar power supply	OPG3004		723,38	
2SD-2ED (2 threads latch 2 solenoids, 2 digital input) battery	OPG3006		615,65	
2SD-2ED-1EA with solar panel (2 solenoids, 2 threads latch, 2 digital input, 1 analogical input)	OPG3007		808,50	
8SD-2ED (2 threads latch 8 solenoids, 2 digital input - may act as a repeater) solar power supply with battery	OPG3016		942,70	
8SD-2ED (2 threads latch 8 solenoids, 2 digital input- may act as a repeater) battery	OPG3014		804,10	
9SD-2ED-2EA (2 threads latch 98 solenoids, 2 digital input) solar power supply	OPG3018		1.085,70	
6SD-6ED-2EA with solar panel (6 solenoids , 2 threads latch, 6 digital input, 2 analogical input)	OPG3012		1.085,70	
6SD 6ED-2EA Battery (6 solenoids, 2 threads latch, 6 digital input, 2 analogical input)	OPG3019		942,70	
Optionals				
Description	Code		Box	€
RPT (repeater function module, no output to activate, no input to read) solar power supply	OPG3017		1	750,20
H20 (3 analogic input, 1 ground water sensor) battery	OPG3020			819,50
H20 (3 analogic input, 1 ground water sensor) solar power supply	OPG3021	819,50		
3MA (3 analogic sensors, 1 digital sensor	OPG3022	828,30		
SDI-12 (for different sensors with bus-sdi12)	OPG3023	801,90		
Agrobee dendrometer sensor c/1	OPG3024	2.077,81		
Agrobee dendrometer sensor c/2	OPG3025	3.347,59		
Agrobee 3lv solar+1 sensor ultrasound	OPG3026	1.337,11		
Agrobee 3lv solar +3 sensor ultrasound	OPG3027	2.578,03		
Agrobee sonde watermark solar	OPG3028	952,33		
Agrobee Parshall solar	OPG3029	1.327,49		



Agrobee



FERTIGATION



Agronic 5500

Agronic 5500 conductivity						
Description	Independent outputs	Power supply	Code C/BOX	€	Code	€
Agronic 5500	10	220V AC	OPG1303	2.120,80	OPG1304	2.070,20
		12V CC	OPG1307	2.061,40	OPG1308	2.013,00
	20	220V AC	OPG1305	2.361,70	OPG1306	2.311,10
		12V CC	OPG1309	2.301,20	OPG1310	2.253,90

Agronic 5500 optionals		
Description	Code	€
Option 6 analogical input A-5500	FER190	250,11
Option Diesel motor control	FER2500	86,58
Option double tension (Including Diesel option)	FER192	115,43
Option Agronic PC program	FER2502	346,30
Option WEB platform	FER194	153,91
Option USB connection	FER2504	317,45
Option Gprs/SMS A-5500 connection	FER196	472,23
Option mix	FER197	139,92
Option Radio Link 433	FER198	612,15
Option Wi-Fi	FER200	725,84
Option AgroBee connection	FER2507	625,27



Agronic 7000

Agronic 7000 conductivity and proportioning				
Description	Independent outputs	Power supply	Code	€
Agronic 7000	40	220V AC	OPG1200	4.010,60
		12V CC	OPG1201	

Agronic 7000 optionals		
Description	Code	€
16 relay output	FER455	399,30
12 analogic output	FER550	597,30
16 digital input	FER551	217,80
5 output relay and 2 dig. input expansion module	FER552	608,30
5 output relay and 2 + 2 input dig./an. expansion module	FER553	711,70
SMS	FER554	269,50
2 water mixture	FER558	154,00
In-line water pressure regulation (12 an.output opt. needed)	FER559	499,40
PC program	FER500	499,40
Gsm modem opt.	FER508	394,90
RS 485 connection housing ⁽¹⁾	FER965	436,70

⁽¹⁾ Power supply not included



GSM warning device

GSM warning device		
Description	Code	€
GSM 12-24 VCC/VAC warning device	ECB001	759,00
GSM 230 VAC/50 Hz warning device	ECB010	693,00



Transmitters probes

Transmitters for Agronic 4000 e Agronic 7000 probe			
Description	Code	€	
		Box	€
Transmitter	pH/EC	FER400	606,10
	EC	FER402	411,40
	pH	FER401	407,00



Agronic monocable

Agronic monocable modules for Agronic 4000 e 7000			
Description	Code	Box	€
Option Monocable (it needs a connection with RS-485)	FER967	1	231,00
Module Monocable with transformer (EAM)	FER456		2.373,80
Outdoor module with 1 latch solenoid of 2 wires (MAM 1-20)	FER463		464,20
Outdoor module with 1 relay output 24V - 2 inputs (MAM 1-20R)	FER465		480,70
Outdoor module with 2 outputs (MAM 2-00)	FER457		443,85
Outdoor module with 3 outputs - 2 inputs (MAM 3-20)	FER464		491,15
Outdoor module for hydrant box 2 outputs - 4 digital inputs (2 may be meters and 1 sensor) (MAM 2-41)	FER466		764,50
Outdoor module for hydrant box 5 outputs - 7 digital inputs (5 may be meters and 1 sensor) (MAM 5-71)	FER467		1.063,70
Outdoor module for hydrant box 8 outputs - 10 digital inputs (8 may be meters and 1 sensor) (MAM 8-101)	FER468		1.173,70
Line protection	FER459		29,15
Agronic Monocable Reader	FER458		555,50



Agronic radio

Agronic Radio 433MHz			
Description	Code	Box	€
Connection Agronic Radio 433MHz 12VDC	FER561	1	1.756,70
Connection Agronic Radio 433MHz 220VAC	FER565		1.892,70
Module A-RADIO 4-42 IP66 (4 solenoid latch, 4 digital sensors, 2 analogic sensors)	FER562	1	1.360,02
Module A-RADIO 10-102 IP66 (10 solenoid latch, 10 digital sensors, 2 analogic sensors)	FER563		1.728,36
Module A-RADIO 16-162 IP66 (16 solenoid latch, 16 digital sensors, 2 analogic sensors)	FER564		2.125,04
Option AGRONIC RADIO x A-7000/A-4000	FER560		340,01



► ELECTRONIC INJECTION CONTROLS

Compact V reading and control system					
Description				Code	€
Compact V				FER092	1.254,00
Controller 2000 control system					
Description				Code	€
Controller 2000 CP (wall standard control panel)				FER082	1.289,20
Controller 2000 CS (in-built control panel Sector)				FER083	1.728,10
Compact V, Controller 2000 e Elettrofertic spare parts and accessories					
Description		Potenza CV	Code	€	
Servo			FER086	713,90	
Servo analogic 4/20 mA			FER087	979,00	
Probes value reader			FER095	1.400,30	
Single-phase frequency coverter		0,7	FER115	1.076,35	
		1,0	FER116	1.812,80	
Three-phase frequency converter		1,5	FER119	3.131,70	
Converter protection case (da prevedere assieme al variatore)				FERC475	310,20
Multifertic forced-air ventilation				FER106	174,90
Elettrofertic low-pressure forced-air ventilation				FER107	125,40
Elettrofertic high-pressure forced-air ventilation				FER108	
Controller 3000 control system					
Description	Fertigation software included	N° input	N° output	Code	€
Controller 3000-2	no	2	5	FER150	2.817,10
Controller 3000-2 Soft	si			6	12
Controller 3000-6 Soft		FER152	3.327,50		
Controller 3000-6/12 Soft		FER153	4.038,10		



Compact V



Controller 2000



Controller 3000

► FERTIGATION MACHINERY

Turbin mixer fertigation kit						
Description	Power supply	Injection l/h	Tank capacity lt	Code	€	
Fertigation kit	Single-phase	100	300	FERK104	2.388,10	
		200		FERK105	2.402,40	
		300		FERK106	2.413,40	
	Three-phase	100		FERK107	2.351,80	
		200		FERK108	2.367,20	
		300		FERK109	2.604,80	
	Single-phase	100	500	FERK110	2.498,10	
		200		FERK111	2.476,10	
		300		FERK112	2.470,60	
	Three-phase	100		FERK113	2.464,00	
		200		FERK114	2.479,40	
		300		FERK115	2.772,00	
	Single-phase	300	1.000	FERK100	2.814,90	
				Three-phase	FERK101	2.970,00
				Single-phase	FERK102	2.939,20
Three-phase	500	FERK103		2.941,40		
		12V DC		100	FERK120	4.306,50
				300	FERK122	4.044,70
500	FERK121		4.165,70			



Turbin mixer fertigation kit



Ferticontrol CE

Ferticontrol CE fertirrigation units				
Description	Option volume controller excluded	Suctions	Code	€
Ferticontrol CE	no	2	AFE999	5.465,90
		3	AFE1000	5.933,40
	yes	2	AFE1001	5.916,90
		3	AFE1002	6.609,90
Additional aspiration kit			KAF002	734,80

FERTICONTROL PRO-FV16						
Ferticontrol PRO-FV16/T (Time)						
Description	Injection fertilizer	Injection Ph	Pressure max	Code	Box.	€
Working by time	1+	1	6	AFE1005	1	4.667,04
	2+		5*	AFE1006		5.113,50
	3+		4*	AFE1007		5.559,97
Ferticontrol PRO-FV16/V (Volume)						
Description	Injection fertilizer	Injection Ph	Pressure max	Code	Box.	€
Working by pressure	1+	1	6	AFE1008	1	4.882,24
	2+		5*	AFE1009		5.547,12
	3+		4*	AFE1010		6.208,80



Ferticontrol Pro-FV16

* The possibility of increasing the pressure to 1 bar



Ferticontrol 2000

Ferticontrol 2000 with Multifertic fertirrigation								
Description	Model	Injection l/h	Injectors Multifertic	Injectors iniezioni	Control pH	Code	€	
Ferticontrol 2000	V-50	50	1	Compact V	No	AFE2496	4.257,00	
	V-100	100				AFE2497	4.571,60	
	V-200	200				AFE2499	4.648,60	
	V-300	300				AFE2498	4.722,30	
	V-500	500				AFE2500	5.075,40	
	V-PH-100-20	100 + 20			CMS pH	AFE150	6.231,50	
	V-PH-200-20	200 + 20				AFE151	6.317,30	
	V-PH-300-20	300 + 20				AFE152	6.399,80	
	V-PH-500-20	500 + 20				AFE153	6.791,40	
	50-50	50 + 50				AFE169	6.558,20	
	100-50	100 + 50			C. 2000 CP	Servo	AFE173	6.725,40
	100-100	100 + 100					AFE174	6.892,60
	200-100	200 + 100					AFE175	6.981,70
	200-200	200 + 200					AFE176	7.075,20
	300-100	300 + 100					AFE177	7.068,60
	300-200	300 + 200	AFE178	7.162,10				
	300-300	300 + 300	AFE179	7.244,60				
	500-100	500 + 100	AFE180	7.478,90				
	500-200	500 + 200	AFE181	7.478,90				
	500-300	500 + 300	AFE182	7.656,00				
	500-500	500 + 500	AFE183	8.070,70				
	3000-50-50	50 + 50	2	Controller 3000			AFEVV3000	7.762,70
	3000-100-50	100 + 50					AFEVV3001	7.905,70
	3000-100-100	100 + 100					AFEVV3002	8.048,70
	3000-200-100	200 + 100					AFEVV3003	8.126,80
	3000-200-200	200 + 200			AFEVV3004	8.202,70		
	3000-300-100	300 + 100			AFEVV3005	8.200,50		
	3000-300-200	300 + 200			AFEVV3006	8.276,40		
	3000-300-300	300 + 300			AFEVV3007	8.351,20		
	3000-500-100	500 + 100			AFEVV3008	8.553,60		
3000-500-200	500 + 200	AFEVV3009			8.630,60			
3000-500-300	500 + 300	AFEVV3010			8.704,30			
3000-500-500	500 + 500	AFEVV3011			9.057,40			

Ferticontrol 2000 with Multifertic fertirrigation optionals			
Description	Additional injection l/h	Code	€
Additional injection	50	FER031	453,60
	100	FER032	609,61
	200	FER033	666,20
	300	FER034	774,29
	500	FER035	1.171,52

Ferticontrol 2000 high flow fertirrigation						
Descr.	Model	Injection l/h	Injectors	Control injections	Code	€
Ferticontrol 2000	VDostec-500	500	1 Dostec	Compact V	AFE200	5.577,00
	VDostec-750	750			AFE201	5.688,10
	VDostec-1000	1.000			AFE202	5.803,60
	VE-500-500LP	500 + 500	1 Elettrofertic B.P.		AFE250	6.240,30
	VE-500-500HP	500 + 500			AFE251	6.950,90
	VE-750-750HP	750 + 750	1 Elettrofertic A.P.		AFE252	7.255,60
	VE-1000-1000HP	1.000 + 1.000		AFE253	7.700,00	
	3000Dostec 500-500	500 + 500	2 Dostec	Controller 3000	AFE260	9.271,90
	3000Dostec 750-500	750 + 500			AFE261	9.377,50
	3000Dostec 750-750	750 + 750			AFE262	9.484,20
	3000Dostec 1000-500	1.000 + 500			AFE263	9.570,00
	3000Dostec 1000-750	1.000 + 750			AFE264	9.593,10
	3000Dostec 1000-1000	1.000 + 1.000			AFE265	9.700,90

Options pH for Ferticontrol 2000 VDostec and VE high flow						
Descr.	Model	Injection l/h	Injectors	Control injections	Code	€
Assembled kit	V100	100	Multifertic	Compact V	AFEK100	4.201,89
	V200	200			AFEK101	4.283,24
Additional injection opt.		100			AFE0005	591,80
		200			AFE0006	675,40

Opt. For ALL Ferticontrol 2000 fertigation units		
Description	Code	€
GF electronic flowmeter (specific clamp saddle coupling related to Ø pipe needed)	FER101	982,19
S/S flowmeter case to weld	FRV1050	343,20
Agronic 2509 ⁽¹⁾	AFE0001	985,60
Agronic 2518 ⁽¹⁾	AFE0003	1.172,60
Agronic 2527 ⁽¹⁾	AFE0004	1.421,20

Flowmeter case clamp can be found on page 51

⁽¹⁾ Cannot install on Ferticontrol V units

Ferticontrol S A fertirrigation unit							
Description			Controller Agronic	Outputs standard	N° injection fertilizer	Code	€
Ferticontrol S A	4016	SA2	4000	16	2	AFE2012	7.700,00
		SA3			3	AFE2013	8.250,00
		SA4			4	AFE2017	8.910,00
	4024	SA2		24	2	AFE2018	8.092,70
		SA3			3	AFE2014	8.647,10
		SA4			4	AFE2015	9.260,90
	5510	SA3	5500	10	3	AFE5513	9.141,00
		SA4			4	AFE5514	9.587,60
		SA5			5	AFE5515	10.038,60
	5520	SA3		20	3	AFE5523	9.361,00
		SA4			4	AFE5524	9.807,60
		SA5			5	AFE5525	10.258,60
7000	SA3	7000		3	AFE2020	11.596,20	
	SA4			4	AFE2021	12.054,90	
	SA5			5	AFE2022	12.540,00	



Ferticontrol S A

Ferticontrol A fertirrigation units						
Description	Model	N° injection fertilizer ⁽¹⁾	Agronic	Outputs	Code	€
Ferticontrol A	4000-3	2	4000	16	AFE4003	12.402,50
	4000-4	3			AFE4004	13.090,00
	4000-5	4			AFE4005	14.867,60
	4000-6T3	5		32	AFE4006	16.390,00
	4000-8T4	7			AFE4008	21.780,00
	4000-9T4	8			AFE4009	24.530,00
	7000-3	2	7000	40	AFE7003	17.592,30
	7000-4	3			AFE7004	17.884,90
	7000-5	4			AFE7005	19.123,50
	7000-6T3	5		AFE7020	21.104,60	
	7000-8T4	7		AFE7008	23.540,00	
	7000-9T4	8		AFE7009	26.180,00	

⁽¹⁾ One acid injection for all models

Ferticontrol A 4000 options		
Description	Code	€
ph control and ec reading	AFE0040	577,50
32 outputs	AFE0091	2.691,70
64 outputs	AFE0093	3.667,40
96 outputs	AFE0095	4.400,00
Until 9 additional injection (each)	AFE0096	REQ.
Double safety probes (e/u analogic opt. needed)	AFE0070	1.261,70
Ferticontrol A 7000 options		
Description	Code	€
16 output expansion control panel	FER455	399,30
Until max 10 additional injection (each)	AFE0081	REQ.
Double safety probes	AFE0070	1.261,70



Ferticontrol A



► PROBES AND MEASUREMENT TOOLS



Internet weather station

Internet weather station		
Parameters monitored	Code	€
ECO soil moisture reading - % water in the soil	OPG359	1.997,60
Soil temperature reading	FSM001	2.536,60
Soil temperature reading - Temperature and its moisture	FSM002	3.587,10
Soil temperature reading - Temperature and its moisture - Global radiation - Rain	FSM003	4.702,50
Soil temperature reading - Temperature and its moisture - Leaf wetting - Rain	FSM004	4.721,20
Soil temperature reading - Temperature and its moisture - Leaf wetting - Global radiation - Rain	FSM005	5.205,20
Soil temperature reading - Temperature and its moisture - Leaf wetting - Global radiation - Rain - Wind, direction and speed	FSM006	5.940,00
Option of the Weather station		
Description	Code	€
Wet bulb temperature for frosts alarm and cooling by evaporation (via SMS)	FSM101	1.890,90
Digital wind direction sensor	FSM102	1.430,00



Watermark transmitter

Watermark transmitter ⁽¹⁾		
Description	Code	€
Soil moisture probe transmitter	FER557	282,70
Connector Soil moisture probe	FER603	140,80

⁽¹⁾ Transmitter and probe do not operate separately



LVTD probe transmitter

LVTD transmitter		
Description	Code	€
LVTD probe transmitter	FER518	419,10
LVTD probe without holder	FER516	654,50



Temperature probe

Temperature probe		
Description	Code	€
Normal temperature probe	FER416	142,45
4/20 ma temperature probe	FER417	267,30



Solar radiation probe

Solar radiation probe		
Description	Code	€
Solar radiation probe	FER412	365,20



Relative humidity probe

Relative humidity probe		
Description	Code	€
4 - 20 ma relative humidity probe	FER415	229,90
4 - 20 ma relative humidity probe + temperature	FER419	1.000,45
4 - 20 ma ventilated relative humidity probe	FER602	729,30



EC probe online

EC Probes				
Description	mt cable	Barmax	Code	€
EC threaded in-line probe		4	FER418	297,00
EC blue probe		6	ATR051	473,00
EC probe	5	6	FER099	195,80



EC probe

pH Probes						
Description	∅	Body	mt cable	Barmax	Code	€
Ph - E probe		Epoxy	9	6	FER819	132,00
Probe holder			1/2"		FER821	29,70
Ph probe with 3/4 probe holder			5	6	FER097	286,76



pH probe

Speed and capacity probe (flowmeter)

Description	Ø mm	m³/h	Code	€
Speed and capacity probe (flowmeter)			FER101	982,19
Flowmeter holder clamp	50	2	FER770	53,90
	63	3	FER771	56,10
	75	4	FER772	62,70
	90	6	FER773	64,90
	110	9	FER774	68,20
	125	12	FER775	82,50
	140	16	FER776	104,50
	160	19	FER777	130,90



Speed and capacity probe

Vertical flowmeter capacity direct reading

Description	Fig.	Reading max l/h	Reading max l/h	Code	€
Flowmeter	A	30	300	FER120	70,40
		50	500	FER121	77,00
	B	25	250	FER2003	80,08
		40	400	FER2000	83,16
		200	1.200	FER2007	89,32



Vertical flowmeter

Fertilizers emitter counter

Description	Code	€
Emitter counter with pulse every 0,1 lt	FVR505	215,60



Fertilizers emitter counter

Tensiometer with ceramic porous tips

Description	Rod cm	Code	€
Tensiometer	30	OSN150	230,69
	45	OSN151	239,32
	60	OSN152	247,94
Digital contact tensiometer	30	OSN130	308,00
	45	OSN131	319,00
	60	OSN132	326,70



Tensiometer

Watermark digital reading tensiometer

Description	Code	€
Humidity probe for digital sensor	FER603	140,80
Digital reader	OPG1001	800,80
Probe history data display and recorder	OPG1003	1.293,60



Digital reading tensiometer

pH/EC/TDS/temperature pocket meter

Description	Model	Code	€
pH pocket tin meter	HI 98127	FERS001	185,19
pH-EC-TDS-temp. Tin pocket	HI 98130	FERS003	298,30



Pocket meter

Fertirrigation e-valves

Description	Model	Code	€
Fertirrigation e-valve	D132	OVA850	197,12
	S11 24V	OVA865	178,64
	S11 12V	OVA864	



D 132 S 11

PAN tank for water

PAN tank for water can be found on page 87

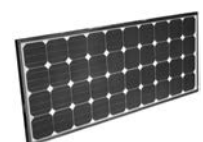


PAN tank

Components for self consumption solar system⁽¹⁾

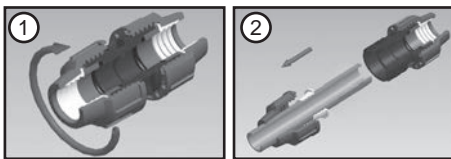
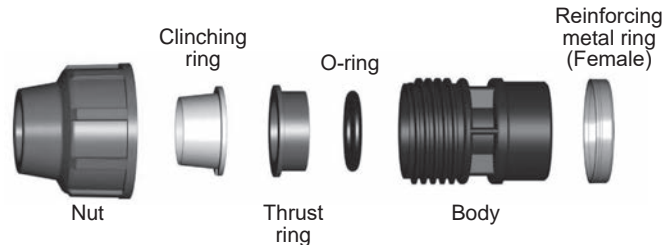
Description	€
From 5 to 185 W rigid solar panels	REQ.
From 150 to 300 W inverter	
From 7 to 200 Ah batteries	
Charge regulators	

⁽¹⁾ Items available on request



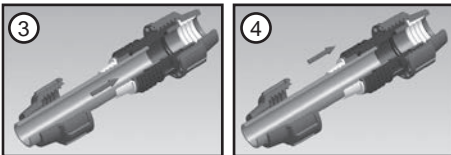
Rigid solar panels

ASSEMBLING INSTRUCTION FOR FITTINGS

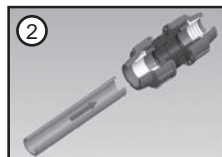
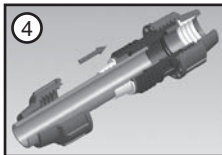


Green Line PN10 Ø20 ÷ Ø63

1. Remove completely nut and clinching ring from the body of fitting.
2. The nut and the clinching ring have to be pulled up on the pipe.



3. Insert the pipe into the fitting. Make sure that the pipe crossed the O-ring.
4. Pull back the clinching ring to it's original position.
5. Pull back the nut and coil it completely up to the fitting.

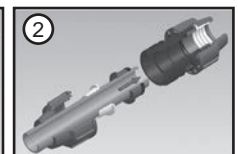
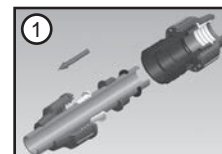


Blue line PN16 Ø20 ÷ Ø40 mm

1. Limber up the nut, but do not remove it completely.
2. Insert the pipe into the fitting. Make sure that the pipe crossed the O-ring.
3. Fully coil back the nut.

Blue line Ø50 ÷ Ø110 mm

1. The nut, the clinching ring, the thrust ring and O-ring have to be pulled up on the pipe.
2. Put together pipe, O-ring and thrust ring into the body. Push the pipe until internal register inside fitting. Make sure that O-ring and thrust ring are on their original position.
3. Pull back the clinching ring to it's original position.
4. Pull back the nut and completely coil it up to the fitting.









Important

- The end of the pipe has to be rounded and cleaned from chip
- From diameter 20 to 40 it is enough to coil the nut by hand
- If the nut is not fixed completely, there can be dripping or flowing at the O-ring or the pressure can fire the pipe from the fitting
- The threaded end of the PP fitting has to be covered with PTFE tape or braid


► **COMPRESSION FITTING GREEN SERIES PP PN10**

NEW

Coupling Male				Coupling Female			Elbow Female			Elbow Male		
												
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
20 x 1/2"	RGMV100	400	0,82	RGFV100	350	1,03	RGOV100	325	1,21	RGOV119	350	1,04
20 x 3/4"	RGMV101	380		RGFV101			RGOV101	275		RGOV145	310	
25 x 1/2"	RGMV103	215	1,24	RGFV102	230	1,47	RGOV102	200	1,62	RGOV146	220	1,49
25 x 3/4"	RGMV104			RGFV104			RGOV103	180		RGOV125	200	
25 x 1"	RGMV105			RGFV105			180	RGOV104		160	RGOV126	
32 x 3/4"	RGMV106	130	1,57	RGFV106	130	1,81	RGOV106	120	2,17	RGOV128	130	1,92
32 x 1"	RGMV107			RGFV107			RGOV107	110		RGOV129	100	


Coupling				Tee coupling			Elbow coupling			End plug		
												
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
20	RBGV001	220	1,63	RTIV100	140	2,34	RGOV001	200	1,68	RTTV001	420	0,83
25	RBGV002	140	2,15	RTIV101	70	3,27	RGOV002	120	2,28	RTTV002	250	1,18
32	RBGV003	80	2,80	RTIV102	45	4,31	RGOV003	75	3,15	RTTV003	140	1,49

Tee coupling Male				Tee coupling Female		
						
Ø	Code	Box	€	Code	Box	€
20 x 1/2" x 20	RTMV100	170	1,76	RGFV100	160	1,80
20 x 3/4" x 20	RTMV101	160		RGFV101		
25 x 1/2" x 25	RTMV102	110	2,50	RGFV102	90	3,08
25 x 3/4" x 25	RTMV103	100		RGFV104		
25 x 1" x 25	RTMV104	85		RGFV105		
32 x 3/4" x 32	RTMV106	60	3,38	RGFV106	60	3,48
32 x 1" x 32	RTMV107			RGFV107		

Reducing coupling			
			
Ø	Code	Box	€
25 x 20	RMRV008	160	1,80
32 x 20	RMRV009	120	2,15
32 x 25	RMRV010	100	2,37







ASSEMBLING INSTRUCTIONS
FOR GREEN LINE FITTINGS
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Tee reducing coupling			
			
Ø	Code	Box	€
25 x 20 x 25	RTRV020	80	3,02
32 x 20 x 32	RTRV002	55	3,86
32 x 25 x 32	RTRV003	50	4,21



FITTINGS

► COMPRESSION FITTING LIGHT BLUE SERIES PN16

Male fitting				Female fitting			Female threaded derivation elbow			Male threaded derivation elbow					
															
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€			
20 x 1/2"	RGMI100	20	1,14	RGFI100	20	1,37	RGOI100	20	1,58	RGOI119	20	1,48			
20 x 3/4"	RGMI101			RGFI101			RGOI101			RGOI145					
25 x 1/2"	RGMI103	10	1,38	RGFI102	10	1,61	RGOI102	10	2,02	RGOI146	10	1,66			
25 x 3/4"	RGMI104			RGFI104			RGOI103			RGOI125					
25 x 1"	RGMI105			RGFI105			RGOI104			RGOI126					
32 x 3/4"	RGMI106			RGFI106			RGOI106			RGOI128					
32 x 1"	RGMI107		1,74	RGFI107		1,95	RGOI107		2,41	RGOI129		2,15			
32 x 1 1/4"	RGMI108		1,84												
40 x 1"	RGMI110	5	3,21	RGFI109	5	3,34	RGOI110	5	4,75	RGOI131	5	3,44			
40 x 1 1/4"	RGMI111			RGFI110			RGOI110			RGOI131					
40 x 1 1/2"	RGMI112			RGFI111			RGOI110			RGOI131					
50 x 1 1/4"	RGMI113														
50 x 1 1/2"	RGMI115		4,21	RGFI113	5	4,40	RGOI113	5	6,34	RGOI132	5	4,68			
50 x 2"	RGMI130														
63 x 1 1/2"	RGMI116	1	5,97	RGFI115	1	6,24	RGOI115	1	8,58	RGOI135	5	6,49			
63 x 2"	RGMI117			RGFI116			RGOI115			RGOI135					
63 x 2 1/2"	RGMI118														
75 x 2"	RGMI119														
75 x 2 1/2"	RGMI120		11,91	RGFI118	1	12,50	RGOI118	1	15,40	RGOI138	1	11,87			
90 x 2"	RGMI122*		23,00	RGFI119											
90 x 3"	RGMI124*		18,67	RGFI123*	1	20,60	RGOI121*	1	33,40	RGOI141*	1	21,90			
90 x 4"	RGMI125*		23,00							RGOI142*		26,29			
110 x 3"	RGMI128*		32,62	RGFI127*	1	41,17	RGOI123*	1	49,18						
110 x 4"	RGMI129*		27,90	RGFI128*		33,45	RGOI124*		39,93	RGOI144*	1	35,32			

Coupling				Tee fitting			Elbow			End line		
												
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
20	RBGI001	20	2,07	RTII100	20	2,68	RGOI001	20	2,06	RTTI001	20	1,38
25	RBGI002	10	2,44	RTII101	10	3,52	RGOI002	10	2,51	RTTI002	10	1,52
32	RBGI003		3,17	RTII102		4,62	RGOI003		3,11	RTTI003		1,87
40	RBGI004	5	5,15	RTII103	5	7,57	RGOI004	5	5,43	RTTI004	5	3,17
50	RBGI005		7,04	RTII104		10,27	RGOI005		7,57	RTTI005		4,68
63	RBGI006	1	9,72	RTII105	1	14,60	RGOI006	1	9,20	RTTI006	1	6,36
75	RBGI007		18,37	RTII106		25,40	RGOI007		17,82	RTTI007		14,74
90	RBGI008*		27,28	RTII107*		43,92	RGOI008*		30,65	RTTI008*		19,01
110	RBGI009*		48,62	RTII108*		67,50	RGOI009*		45,89	RTTI009*		37,29

Reduction coupling






Ø	Code	B.	€
25 x 20	RMRI008	10	2,22
32 x 25	RMRI010		2,86
40 x 32	RMRI012	5	5,02
50 x 40	RMRI014		6,77
63 x 32	RMRI016	1	11,31
63 x 40	RMRI017		9,20
63 x 50	RMRI018		
75 x 63	RMRI019		16,76
90 x 63	RMRI021*		30,03
90 x 75	RMRI022*		
110 x 75	RMRI023*	62,87	
110 x 90	RMRI024*	51,04	







ASSEMBLING INSTRUCTIONS
FOR BLUE LINE FITTINGS
on page 52





N.B.: fittings PN16 except for products with this symbol: * = PN12,5

Tee with derivation F threaded				Tee with derivation M threaded			Reduction Tee			
										
Ø	Code	Box	€	Code	Box	€	Ø	Code	Box	€
20 x 1/2" x 20	RTFI100	20	2,38	RTMI100	20	2,27	20 x 25 x 20	RTRI020	10	3,70
20 x 3/4" x 20	RTFI101			RTMI101			32 x 25 x 32	RTRI003		4,85
25 x 1/2" x 25	RTFI102	10	3,07	RTMI102	10	2,93	40 x 32 x 40	RTRI005	5	9,31
25 x 3/4" x 25	RTFI103			RTMI103			50 x 40 x 50	RTRI008		13,74
25 x 1" x 25	RTFI104			RTMI104			63 x 50 x 63	RTRI012	1	16,66
32 x 3/4" x 32	RTFI106			RTMI106			110 x 90 x 110	RTRI019*		70,87
32 x 1" x 32	RTFI107	5	4,01	RTMI107	5	3,74				
40 x 1" x 40	RTFI108			RTMI109			40 x 1"1/4 x 40	RTMI109	6,51	
50 x 1"1/4 x 50	RTFI109			RTMI110			50 x 1"1/2 x 50	RTMI114	9,18	
63 x 2" x 63	RTFI114	1	18,65	RTMI118	1	17,79				
75 x 2"1/2 x 75	RTFI117			RTMI121			26,32	25,07		
90 x 3" x 90	RTFI120*			RTMI124*			40,40	35,44		
110 x 3" x 110	RTFI123*			76,50						
110 x 4" x 110	RTFI124*		63,50	RTMI128*	1	59,42				



ASSEMBLING INSTRUCTIONS
FOR BLUE LINE FITTINGS
on page 52

Ring				Split ring			Safety ring			O-ring		
												
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
20	NUT001	1	0,35	RIN001	1	0,12	ROR120	1	0,04	ROR130	1	0,25
25	NUT002		0,97	RIN002		0,13	ROR121		0,09	ROR131		0,27
32	NUT003		1,16	RIN003		0,22	ROR122		0,10	ROR132		0,35
40	NUT004		2,02	RIN004		0,39	ROR123		0,16	ROR133		0,78
50	NUT005		3,41	RIN005		0,64	ROR124		0,52	ROR134		0,85
63	NUT006		6,05	RIN006		0,84	ROR125		1,02	ROR135		1,23
75	NUT007		7,93	RIN007		1,74	ROR126		1,15	ROR136		1,52

PP stop valve				PP coupling				PP flanged adaptor				PP wall support elbow			
															
Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€
20 x 20 x 20	FVII001	10	8,23	25 x 1"	RBFI001	10	2,65	63 x 2"	RFFI001	1	24,07	20 x 1/2"	RPMI001	20	4,21
25 x 25 x 25	FVII002		8,78	32 x 1"	RBFI002		2,97	75 x 3"	RFFI002		38,90	25 x 3/4"	RPMI002		10
32 x 32 x 32	FVII003		9,52	40 x 1"	RBFI003	5	4,03	90 x 3"	RFFI003		83,43				
								90 x 4"	RFFI004*		53,18				
								110 x 4"	RFFI005*		143,46				

N.B.: fittings PN16 except for products with this symbol: * = PN12,5

FITTINGS

► PLASSON COMPRESSION FITTINGS BLACK AND GREY SERIES PN10






Male fitting			Female fitting			Female threaded derivation elbow			Male threaded derivation elbow				
Ø	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	
16 X 1/2"	RGMA031	10	1,42	RGFA020	10	1,61	RGOA080	10	1,93	RGOA110	10	1,96	
16 X 3/4"	RGMA032			RGFA021			RGOA081	10		RGOA111			
20 X 1/2"	RGMA033		1,66	RGFA022	10	1,80	RGOA082	10	2,20	RGOA112			
20 X 3/4"	RGMA034	RGFA023		RGOA083			10			RGOA113			
25 X 1/2"	RGMA035	10	1,93	RGFA024	10	2,20	RGOA084	10	2,85	RGOA114	10	2,39	
25 X 3/4"	RGMA036									RGFA025			RGOA085
25 X 1"	RGMA037		RGFA026	RGOA086	10	RGOA116							
32 X 1/2"										RGOA117			
32 X 3/4"	RGMA038	10	2,31	RGFA026	10	2,78	RGOA086	10	3,21	RGOA118	10	2,99	
32 X 1"	RGMA039			RGFA027			RGOA087			10			RGOA119
32 X 1 1/4"	RGMA040		RGFA028	RGOA088	10								
40 X 1"	RGMA041	1	4,31	RGFA028	1	4,25	RGOA089	1	6,41	RGOA120	1	4,81	
40 X 1 1/4"	RGMA042			RGFA029			RGOA090			1			RGOA121
40 X 1 1/2"	RGMA043		RGFA030	RGOA091	1	RGOA122							
50 X 1 1/2"	RGMA044	1	5,40	RGFA031	1	5,93	RGOA092	1	8,49	RGOA123	1	6,10	
50 X 2"	RGMA045			RGFA032			RGOA092			1			RGOA124
63 X 2"	RGMA046	1	7,38	RGFA033	1	8,57	RGOA093	1	11,62	RGOA125	1	9,11	
75 X 2"	RGMA047			RGFA034			RGOA094			1			RGOA126
75 X 2 1/2"	RGMA048		17,58	RGFA035	1	18,43	RGOA095	1	20,73	RGOA127			1
75 X 3"	RGMA049	1	20,73	RGFA036	1	21,53	RGFA037	1	21,53	RGFA038	1	23,18	
90 X 2"	RGMA050												RGFA037
90 X 2 1/2"	RGMA051		20,73	RGFA038	1	23,18	RGFA039	1	50,89	RGFA040*	1	50,89	
90 X 3"	RGMA052	1	39,86	RGFA039	1	50,89				RGOA128	1	25,42	
90 X 4"				RGFA040*			1	50,89			RGOA129	1	49,39
110 X 2"	RGMA053	1	39,86	RGFA039	1	50,89				RGOA129	1	49,39	
110 X 3"	RGMA054			RGFA040*			1	50,89			RGOA129	1	49,39
110 X 4"	RGMA055			RGFA040*			1	50,89			RGOA129	1	49,39

Coupling			Tee			Elbow			End line			PP closing adaptor					
Ø	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€		
16	RBGA015	10	2,31	RTEA010	10	3,06	RGOA009	10	2,39								
20	RBGA016		2,91	RTEA011		3,97	RGOA010		2,99								
25	RBGA017		3,42	RTEA012		4,95	RGOA011		3,56	RTTA010	10	2,17	RADA001	10	0,72		
32	RBGA018	4,31	RTEA013	6,36	RGOA012	4,44	RTTA011	2,67	RADA002	0,84							
40	RBGA019	1	7,17	RTEA014	1	10,66	RGOA013	1	7,70	RTTA012	1	4,31	RADA003		10	1,34	
50	RBGA020		9,19	RTEA015		14,08	RGOA014		10,34	RTTA013		6,41	RADA004	1,80			
63	RBGA021		12,36	RTEA016		19,21	RGOA015		12,70	RTTA014		8,71	RADA005	2,20			
75	RBGA022	1	27,37	RTEA017	1	37,43	RGOA016	1	26,31	RTTA015	1	21,96	RADA006	10	2,53		
90	RBGA023		33,88	RTEA018		51,82	RGOA017		32,65	RTTA016		27,77					
110	RBGA024		71,97	RTEA019		99,43	RGOA018		67,67	RTTA017		58,78					

Fitting reducing set					
Description	Ø mm	Code	B.	€	
Black propylene fitting reducing set	25 X 20	RRDA001	10	2,20	
	32 X 20	RRDA002		3,74	
	32 X 25	RRDA003		2,85	
	40 X 32	RRDA004		4,31	
	50 X 25	RRDA005		6,01	
	50 X 32	RRDA011		5,85	
	50 X 40	RRDA006		5,42	
	63 X 25	RRDA007		9,38	
	63 X 32	RRDA008		8,42	
	63 X 40	RRDA009		5	7,54
63 X 50	RRDA010	6,91			






N.B.: all fitting PN10 except for products with this symbol: * = PN6

Female threaded derivation T fitting				Male threaded derivation T fitting			Female orthogonal derivation elbow					
												
Ø	Code	Box	€	Code	Box	€	Code	Box	€			
16 X 1/2" X 16	RTFA030	10	2,53									
16 X 3/4" X 16	RTFA031											
20 X 1/2" X 20	RTFA032		3,06	RTMA020			10	3,17	RGOA150	10	3,93	
20 X 3/4" X 20	RTFA033			RTMA021								
25 X 1/2" X 25	RTFA034		4,00	RTMA022			10	4,18	RGOA151	10	4,61	
25 X 3/4" X 25	RTFA035			RTMA023								
25 X 1" X 25	RTFA036											
32 X 1/2" X 32	RTFA037		4,95									
32 X 3/4" X 32	RTFA038			RTMA024			10	5,25				
32 X 1" X 32	RTFA039			RTMA025								
40 X 1" X 40	RTFA040	RTMA026			1	9,11						
40 X 1"1/4 X 40	RTFA041	RTMA027										
40 X 1"1/2 X 40	RTFA042	9,11										
50 X 1"1/2 X 50	RTFA043		RTMA029			1	12,96					
50 X 2" X 50	RTFA044		RTMA030									
63 X 2" X 63	RTFA045	1	17,47	RTMA031			1	24,36				
75 X 2" X 75	RTFA046											
75 X 2"1/2 X 75	RTFA047		30,33									
75 X 3" X 75	RTFA048											
90 X 3" X 90	RTFA049		46,99									
110 X 4" X 110	RTFA050*		70,86									

N.B.: all fitting PN10 except for products with this symbol : * = PN6

► **PLASSON COMPRESSION FITTINGS BLACK AND WHITE SERIES PN16**




Male fitting				Female fitting			Male threaded derivation elbow				
											
Ø	Code	Box	€	Code	Box	€	Code	Box	€		
16 X 3/8"	RGM031	10	2,12	RGF001							
16 X 1/2"	RGM001			RGF002			10	1,98			
16 X 3/4"	RGM002		2,54	RGF003					RGO050		
20 X 1/2"	RGM003			RGF004			10	2,71	RGO051	10	2,87
20 X 3/4"	RGM004			RGF005					3,20		
20 X 1"	RGM005	2,71						RGO062			
25 X 1/2"	RGM006	5	2,87	RGF007			10	3,20	RGO052	10	3,49
25 X 3/4"	RGM007			RGF008					RGO061		
25 X 1"	RGM008		3,76			4,04			RGO053		
32 X 3/4"	RGM009	5	4,11	RGF009			5	5,71	4,60		
32 X 1"	RGM010			RGF010							
32 X 1"1/4	RGM011		4,55								
32 X 1"1/2	RGM012	1	6,84	RGF012			1	7,06	RGO060	1	7,34
40 X 1"	RGM013			RGF013					RGO054		
40 X 1"1/4	RGM014		7,16						RGO058		
40 X 1"1/2	RGM015		9,03			9,59			RGO063		
40 X 2"	RGM016	1	9,03	RGF022			1	9,44	RGO055		
50 X 1"	RGM034			RGF015					RGO056		
50 X 1"1/4	RGM017		12,84			13,54			RGO069		
50 X 2"	RGM018		RGF016						RGO066		
63 X 1"1/4	RGM035		RGF027						RGO057		
63 X 1"1/2	RGM019		RGF025						13,96		
63 X 2"	RGM020		RGF017								
63 X 2"1/2	RGM021		25,58			26,68			RGO064		
75 X 2"	RGM022		RGF018			1	31,34	RGO065			
75 X 2"1/2	RGM023		RGF019					29,52			
75 X 3"	RGM024	30,18									
90 X 2"	RGM025	36,10			31,34			RGO067			
90 X 2"1/2	RGM029	RGF020			1	34,46	37,08				
90 X 3"	RGM026	RGF023									
90 X 4"	RGM033	59,57			74,31			71,98			
110 X 2"	RGM030	RGF024			1	74,31	RGO068				
110 X 3"	RGM028	RGF021*									
110 X 4"	RGM027										

Reinforced rings on F threaded from 1"1/4 to 4"





N.B.: all fitting PN16 except for products with this symbol : * = PN6








FITTINGS

Female threaded derivation elbow				Adaptor ⁽¹⁾			Mural plaque elbow		
									
Ø	Code	Box	€	Code	Box	€	Code	Box	€
16 X 1/2"	RGO020	10	2,65				RPL003	1	7,56
20 X 1/2"	RGO022		3,29				RPL001		
20 X 3/4"	RGO023		4,11	RAD061	1	3,33	RPL002	1	9,03
25 X 1/2"	RGO024		4,88						
25 X 3/4"	RGO025		5,29						
25 X 1"	RGO026	5	7,06						
32 X 3/4"	RGO028		9,65	RAD064	1	5,29			
32 X 1"	RGO029		9,90						
32 X 1 1/4"	RGO030		12,84						
40 X 1"	RGO032		17,41	RAD066	1	7,37			
40 X 1 1/4"	RGO033	1	31,50						
40 X 1 1/2"	RGO034		9,09						
40 X 2"	RGO035		9,09						
50 X 1 1/4"	RGO041		12,84						
50 X 1 1/2"	RGO036		17,41	RAD070	1	9,09			
50 X 2"	RGO037	1	31,50						
63 X 1 1/4"	RGO046		13,67						
63 X 1 1/2"	RGO043		13,67	RAD075	1	13,67			
63 X 2"	RGO038		17,41						
75 X 2"	RGO039		31,50						
75 X 2 1/2"	RGO040	1	31,50						
75 X 3"	RGO045		31,50						




Reinforced rings on threaded female from 1 1/4 to 4"

Coupling				Tee 90°			Elbow 90°			Elbow 45°		
												
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
16	RBG001	10	3,20	RTE001	10	4,19	RGO001	10	3,47			
20	RBG002		4,46	RTE002		5,78	RGO002		4,46			
25	RBG003		5,29	RTE003		7,67	RGO003		5,38			
32	RBG004	5	6,78	RTE004	5	9,87	RGO004	5	6,66	RGO015	5	8,87
40	RBG005	1	11,07	RTE005	1	16,31	RGO005	1	11,68	RGO016	1	14,80
50	RBG006		15,09	RTE006		22,04	RGO006		16,31	RGO017		20,01
63	RBG007		20,94	RTE007		31,34	RGO007		19,76	RGO014		26,93
75	RBG008		39,42	RTE008		54,44	RGO008		38,32	RGO019		55,09
90	RBG009		48,80	RTE009		75,41	RGO009		47,59	RGO018		63,44
110	RBG010	104,38	RTE010	146,86	RGO010	98,57	RGO021	129,90				
125	RBG011		177,67									

Repair coupling				End line			45° T fitting			Modular adaptor			Repair T fitting ⁽¹⁾		
															
Ø	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€
20	RBG100	10	5,45	RTT001	10	3,10				RAM001	10	4,39	RTR102	10	7,70
25	RBG101		6,38	RTT002		3,29				RAM002		5,45	RTR101		5
32	RBG102	5	8,31	RTT003	5	4,04				RAM003	5	6,78	RTR103	1	12,02
40	RBG103	13,21	RTT004	6,78					RAM004	11,76		RTR104	1		19,86
50	RBG104	18,23	RTT005	10,03					RAM005	16,20		RTR105	1		27,45
63	RBG105	1	24,05	RTT006	1	13,67	RTE015	1	40,76	RAM006	5	21,44	RTR106	1	37,74
75	RBG106		45,98	RTT009		32,51	RTE016		70,86						
90	RBG107		58,50	RTT007		37,11	RTE017		98,41						
110	RBG108		119,90	RTT010		80,04	RTE018		191,14						
125	RBG109		198,44												




⁽¹⁾ Programmed delivery



Reduction coupling				Reducing set			90° reducing elbow ⁽¹⁾			
										
Ø	Code	B.	€	Code	B.	€	Code	B.	€	
20 X 16	RMR013	10	4,46				RGO011	10	6,42	
25 X 16	RMR019		4,74							
25 X 20	RMR001	5	6,34	RRD300	10	2,71				
32 X 20	RMR002			RRD301		4,60				
32 X 25	RMR003			RRD302		3,49				
40 X 25	RMR004	10,74								
40 X 32	RMR005		RRD303	10	5,38					
50 X 25	RMR012	13,96				RRD304 ⁽¹⁾	5	7,80		
50 X 32	RMR006		RRD305	7,23						
50 X 40	RMR007		RRD306	6,66						
63 X 25	RMR014	19,76				RRD307 ⁽¹⁾	1	11,61		
63 X 32	RMR015		RRD308	10,98						
63 X 40	RMR008		RRD309	10,74						
63 X 50	RMR009		RRD310							
75 X 50	RMR010	35,96				RRD311	1	28,25		
75 X 63	RMR011									
90 X 63	RMR016	47,59								
90 X 75	RMR017									
110 x 63				RRD312 ⁽¹⁾		64,27				
110 x 75				RRD313	1	42,37				
110 X 90	RMR018	1	99,83	RRD314		36,89				

Y fitting with threaded male offtake - 7550

Ø	Code	B.	€
16 x 16 x 3/4"	RBF001	10	3,49
20 x 20 x 3/4"	RBF002		5,00
25 x 25 x 3/4"	RBF003	5	9,31

Female threaded derivation Tee fitting				Male threaded derivation Tee fitting			Reduced Tee fitting				
											
Ø	Code	Box	€	Code	Box	€	Ø	Code	Box	€	
16 X 1/2" X 16	RTF024	10	3,47				20 X 16 X 20	RTR011	5	6,66	
16 X 3/4" X 16	RTF020						25 X 20 X 25	RTR001		7,46	
20 X 1/2" X 20	RTF001						32 X 25 X 32	RTR009		9,65	
20 X 3/4" X 20	RTF003	5	4,60	RTM001	10	4,88	40 X 25 X 40	RTR012	1	16,31	
25 X 1/2" X 25	RTF004			RTM006	5	6,34	40 X 32 X 40	RTR003			
25 X 3/4" X 25	RTF006						50 X 25 X 50	RTR014		22,04	
25 X 1" X 25	RTF007						50 X 32 X 50	RTR008			
25 X 1 1/4" X 25	RTF028						50 X 40 X 50	RTR004		29,03	
32 X 3/4" X 32	RTF008						63 X 32 X 63	RTR007			
32 X 1" X 32	RTF009						63 X 40 X 63	RTR016			
32 X 1 1/4" X 32	RTF010						63 X 50 X 63	RTR005		54,44	
32 X 1 1/2" X 32	RTF018						75 X 63 X 75	RTR006			
40 X 1" X 40	RTF011			1	13,96						
40 X 1 1/4" X 40	RTF012	RTM005	1			13,96					
40 X 1 1/2" X 40	RTF013	RTM016				15,09					
40 X 2" X 40	RTF029										
50 X 1 1/2" X 50	RTF014					RTM017	1	19,76			
50 X 2" X 50	RTF015										
63 X 1 1/4" X 63	RTF030										
63 X 1 1/2" X 63	RTF025					RTM019 ⁽¹⁾	1	38,32			
63 X 2" X 63	RTF016					RTM018					
75 X 2" X 75	RTF019										
75 X 2 1/2" X 75	RTF017										
75 X 3" X 75	RTF022										
90 X 3" X 90	RTF023										
110 X 4" X 110	RTF021*										

Reinforced rings on threaded female from 1"1/4 to 4"

N.B.: all fitting PN16 except for items with this symbol * = PN6

⁽¹⁾ Programmed delivery

* While stocks lasts



► **THREADED HANSEN COUPLINGS PN16**

NIPPLE				90° MALE/FEMALE THREADED ELBOW				FEMALE THREADED COUPLING				90° FEMALE THREADED ELBOW				MALE THREADED PLUG			
Ø	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	
1/2"	SRNP050	10	1,50	SRGO100	10	1,51	SRMF050	10	1,58	SRGO050	10	1,75	SRTA001	10	1,03	1	18,17	1,03	
3/4"	SRNP051		1,89	SRGO101		1,70	SRMF051		1,84	SRGO051		2,04	SRTA002		1,18				
1"	SRNP052		2,23	SRGO102		2,04	SRMF052		2,10	SRGO052		2,42	SRTA003		1,48				
1 1/4"	SRNP053		3,11	SRGO103		2,92	SRMF053		3,94	SRGO053		4,52	SRTA004		1,77				
1 1/2"	SRNP054		3,67	SRGO104		4,51	SRMF054		4,51	SRGO054		8,09	SRTA005		1,89				
2"	SRNP055		4,85	SRGO105		8,09	SRMF055		6,83	SRGO055		11,03	SRTA006		2,59				
2 1/2"	SRNP056	1	9,98			SRMF056	32,55	SRGO056	36,23	SRTA007	7,35								
3"	SRNP057		12,81			SRMF057	39,90	SRGO057	49,35	SRTA008	9,45								
4"	SRNP058		21,53			SRMF058	51,45	SRGO058	70,35	SRTA009	18,17								

FEMALE THREADED CAP				90° FEMALE THREADED T				9° MALE/FEMALE KNUCKLE UNION				NUT				LARGE NUT			
Ø	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€	
1/2"	SRTA100	10	1,93	SRTE001	10	2,55				SRDD001	10	1,65	SRDD005	10	2,26	1	18,17	1,03	
3/4"	SRTA101		2,23	SRTE002		2,66	SRBC010	5	29,64	SRDD002		1,81							
1"	SRTA102		2,74	SRTE003		3,20	SRBC011	5	32,24	SRDD003		2,10							
1 1/4"	SRTA103		4,13	SRTE004		5,88	SRBC012	5	33,80	SRDD004		2,56							
1 1/2"	SRTA104		4,92	SRTE005		10,29													
2"	SRTA105		6,19	SRTE006		14,70													
2 1/2"	SRTA106	1	9,45	SRTE007	1	46,20													
3"	SRTA107		13,86	SRTE008		59,85													
4"	SRTA108		21,42	SRTE009		90,30													

FEMALE-FEMALE UNION				NUT AND HOSE TAIL				SELF-THREADING BACKNUT FITTING FROM F TO H.A.				MALE-FEMALE ADAPTER			
Ø	Code	B.	€	Ø	Code	B.	€	Code	B.	€	Ø	Code	B.	€	
1/2"	SRBC001	1	5,15	1/2"F x 1/2"PG	SRPG001	1	3,32	SRPG010	1	10,64	1/2"M x 3/4"F	SRMG001	1	1,93	
3/4"	SRBC002		5,78	3/4"F x 1/2"PG	SRPG002		3,74								
1"	SRBC003		7,14	3/4"F x 3/4"PG	SRPG003		3,83								
1" x 3/4"	SRBC004		7,35	1"F x 1/2"PG	SRPG004		4,13								
1 1/4"	SRBC005		9,03	1"F x 3/4"PG	SRPG005		4,23								
1 1/4 x 1"	SRBC006		9,24												
1 1/2"	SRBC007		12,81												
2"	SRBC008		19,11												

N.B.: fittings PN16 until Ø 2" - PN12 Ø 2 1/2" - PN10 Ø 3" ÷ 4"

MALE-FEMALE REDUCER			FEMALE REDUCTION THREADED COUPLING			REDUCED NIPPLE			SELF-THREADING BACKNUT REDUCING FROM F TO HOSE ADAPTOR					
Ø	Code	B.	€	Code	B.	€	Code	B.	€	Code	B.	€		
3/4" x 1/2"	SRRD001	10	1,31	SRMR001	10	1,63	SRNP100	10	1,88	SRPG011	1	12,34		
1" x 1/2"	SRRD002			SRMR002			1,89		SRNP101		2,23			
1" x 3/4"	SRRD003			SRMR003					SRNP102			SRPG012	1	16,10
1 1/4 x 1/2"	SRRD004		2,21		SRMR004	10	2,76	SRNP104	10	3,14				
1 1/4 x 3/4"	SRRD005				SRMR005			SRNP105			SRPG013	1	26,10	
1 1/4 x 1"	SRRD006		4,25											
1 1/2 x 1/2"	SRRD007													
1 1/2 x 3/4"	SRRD008				SRMR006	10	4,62	SRNP107	10	3,65				
1 1/2 x 1"	SRRD009				SRMR007			SRNP108			SRPG014	1	31,35	
1 1/2 x 1 1/4"	SRRD010		SRMR008	SRNP109										
2" x 1/2"	SRRD011		5,67											
2" x 3/4"	SRRD012				SRMR009	10	5,99	SRNP111	10	4,85				
2" x 1"	SRRD013				SRMR010			SRNP112						
2" x 1 1/4"	SRRD014				SRMR011			SRNP113						
2" x 1 1/2"	SRRD015				SRMR012			SRNP114			SRPG015	1	39,14	
2 1/2 x 1 1/4"	SRRD016							SRNP115						
2 1/2 x 1 1/2"	SRRD017				9,98	1	27,62	SRNP116	1	9,45				
2 1/2 x 2"	SRRD018							SRMR014			SRNP117			
3" x 1 1/2"	SRRD019				12,81	1	34,65							
3" x 2"	SRRD020							SRMR015	SRNP118	1	12,50			
3" x 2 1/2"	SRRD021							SRMR016	SRNP119					
4" x 2"	SRRD022											SRNP120		
4" x 2 1/2"	SRRD023					SRNP121								
4" x 3"	SRRD024		21,00	1	47,25	SRNP122	1	22,26						
		SRMR017				SRNP123								
					SRMR018									

N.B.: fittings PN16 until Ø 2" - PN12 Ø 2 1/2" - PN10 Ø 3" ÷ 4"

► TRUE FIT TANK FITTING HANSEN PN16

TANK FEMALE THREADED FITTING				TANK BLACK HOSE ADAPTOR FITTING			TANK WHITE HOSE ADAPTOR FITTING		
Ø	Code	Box	€	Code	Box	€	Code	Box	€
1/2"	RAT010	1	8,72						
3/4"	RAT011		9,87						
1"	RAT012		11,54						
1 1/4"	RAT013		14,18	RAT020	1	9,57	RAT023	1	8,96
1 1/2"	RAT014		18,90	RAT021		11,94	RAT024		12,66
2"	RAT015		23,10	RAT022		15,40	RAT025		16,43
3"	RAT016		57,75						
4"	RAT017	82,95							

N.B.: fittings PN16 until Ø 2" - PN12 Ø 2 1/2" - PN10 Ø 3" ÷ 4"



► HANSEN VALVES PN16

FEMALE-FEMALE TOTAL TRANSITION BALL VALVES				MALE-FEMALE TOTAL TRANSITION BALL VALVES			FEMALE-FEMALE CHECK VALVE ⁽¹⁾			FEMALE FOOT VALVE		
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
1/2"	OHV001	1	32,64									
3/4"	OHV002		32,64									
1"	OHV003		36,72	OHV022	1	38,63	OHV010	1	48,76	OHV015	1	48,76
1 1/4"	OHV004		48,96	OHV023		51,45	OHV011		74,20	OHV016		74,13
1 1/2"	OHV005		61,20	OHV024		64,33	OHV012		93,28	OHV017		93,28
2"	OHV006		73,44	OHV025		77,15	OHV013		135,68	OHV018		135,68
2 1/2"						OHV014	278,78	OHV019	278,78			

⁽¹⁾ PN10

► HANSEN LEVELLER VALVE WORKING PRESSURE 0,2 ÷ 12 BAR

SUPER FLOW						MAX FLOW		
Code	F threaded conn.	€	Code	Description	€	Code	F threaded conn.	€
SGL005	1/2"-3/4" SHORT NYLON	37,20						
SGL015	3/4"-1" SHORT NYLON	43,65						
SGL001	3/4"-1" NYLON	39,73	SGL002	Blue float Ø 140mm threaded for the brass arm	9,87	SGL003	1" x 3/4"	72,45
SGL008	3/4"-1" - LONG NYLON	47,01	SGL013	Yellow float Ø 140mm threaded for the brass arm	11,65	SGL011	1" x 3/4" LONG	96,08
SGL016	1"-3/4" SHORT OTTONE	91,50				SGL014	1"1/4 - 1"	92,40
SGL006	3/4"-1" BRASS	94,25				SGL012	1"1/4 x 1" LONG	92,40
SGL010	1/2"-3/4" LONG BRASS	101,15						
SGL009	1/2"-3/4" BRASS	92,08						

All the level regulators are accompanied by male threaded adaptors

MINIFAST FLOW		
Code	Female threaded conn.	€
SGL021	1/2"	39,63
SGL022	3/4"	
SGL023	1"	

Box	Ø	Code for standard valve	€	Code for valve with long brass arm	€
1	1" x 1/2"	SGLA001	4,41	SGLA007	10,11
	1" x 3/4"	SGLA002		SGLA008	
	1" x 1"	SGLA003		SGLA009	
	1" x 1 1/4"	SGLA004	12,09	SGLA010	12,92
	1" x 1 1/2"	SGLA005			
	1"x2"	SGLA006			

FAST FLOW					FAST FLOW VALVE		
Code	Arm	(A) F threaded conn.	(B) Adaptor male-male Ø	€ ⁽¹⁾	Code	Description	€
SGL050	Short	1"	1" x 1/2"	33,28	SGL017	Blue ball Ø 115 mm threaded for SUPERFLO/FASTFLO	12,28
SGL051			1" x 3/4"				
SGL052			1" x 1"				
SGL053	Long		1" x 1/2"	36,42			
SGL054			1" x 3/4"				
SGL055			1" x 1"				

⁽¹⁾ Price includes arms, adaptor and starter

RAPID FLO - SLO FLO					LEVELLER		
NEW							
Code	Item	Fthr. conn.	l/m	€	Code	Fthr. conn.	€
SGL060	Rapid	1/2"-3/4"-1"	1.275	291,38	SGL004	1"	236,38
SGL061	Slo	1/2"-3/4"	2				



► PLASSON FITTINGS FOR DRIP LINE AND PE LD PIPE PN 6



Description	Code	Ø mm	Fig.	B.	€
Coupling	RBGI050	16 X 16	A	10	1,55
	RBGI051	20 X 20			1,74
Fitting M	RGMI050	16 X 1/2"	B		1,05
	RGMI051	16 X 3/4"			1,14
	RGMI052	20 X 1/2"			
	RGMI053	20 X 3/4"			
Elbow with female derivation	RGOI050	16 X 1/2"	C		1,43
	RGOI051	16 X 3/4"			
Elbow with male derivation	RGOI052	16 X 1/2"	D		1,33
	RGOI053	16 X 3/4"			
Elbow	RGOI049	16	E	2,13	
Reduction coupling	RMRI001*	20 X 16	F	1,83	
Fitting Tee with female derivation	RTFI050	16 X 1/2" X 16	G	2,09	
	RTFI051	16 X 3/4" X 16			
	RTFI052	20 X 1/2" X 20		2,19	
	RTFI053	20 X 3/4" X 20			
Fitting Tee with male derivation	RTMI081	16 X 3/4" X 16	H	2,46	
Tee 90°	RTFI001	16	I	3,05	
	RTFI002	20			
Reduced Tee 90°	RTFI003*	20 X 16 X 20	L	3,44	
	RTFI016				
	RTFI017*	25 X 16 X 25	M	4,48	
	RTFI018*	32 X 16 X 32		5,86	

* while stocks lasts

N.B.: fittings for light dripline on page 11

► POLYPROPYLENE THREADED FITTINGS WITH OR WITHOUT O-RING PN10

Box	Ø	Nipple without o-ring		90° elbow without o-ring		Plug without o-ring		Female cap without o-ring		Coupling without o-ring		Tee without o-ring	
		Code	€	Code	€	Code	€	Code	€	Code	€	Code	€
10	1/2"	RNP100	0,49	RGO200	1,28	RTA100	0,67	RTA106	0,63	RMF100	0,79	RTE150	1,47
	3/4"	RNP101	0,53	RGO201	1,50	RTA101	0,78	RTA107	0,71	RMF101	0,98	RTE151	1,75
	1"	RNP102	0,63	RGO202	2,08	RTA102	0,80	RTA108	0,91	RMF102	1,12	RTE152	2,61
	1 1/4"	RNP103	0,80	RGO203	3,30	RTA103	1,34	RTA109	1,34	RMF103	2,32	RTE155	4,05
	1 1/2"	RNP104	1,53	RGO204	3,90	RTA104	1,56	RTA110	1,47	RMF104	3,51	RTE153	4,98
	2"	RNP105	1,82	RGO205	5,42	RTA105	1,90	RTA111	2,14	RMF105	4,67	RTE154	6,85
1	2 1/2"	RNP106	4,55	RGO206	11,59	RTA120	3,95	RTA125	5,06	RMF106	9,56	RTE156	19,88
	3"	RNP107	5,08	RGO207	16,00	RTA121	4,95	RTA126	6,97	RMF107	11,43	RTE157	29,34
	4"	RNP108	9,11	RGO208	20,00			RTA127	11,78			RTE158	36,00





Box	Ø	Nipple with o-ring		90° elbow with o-ring		Plug with o-ring	
		Code	€	Code	€	Code	€
1	1/2"	RNP131	0,39	RGO160	1,77	RTA130	0,39
	3/4"	RNP132	0,44	RGO161	2,20	RTA131	0,43
	1"	RNP133	0,95	RGO162	2,30	RTA132	0,95
	1 1/4"	RNP134	1,82	RGO163	4,82	RTA133	1,57
	1 1/2"	RNP135	2,14	RGO164	5,37	RTA134	1,75
	2"	RNP136	2,90	RGO165	8,65	RTA135	2,01

Coupling with o-ring		Tee with o-ring	
Code	€	Code	€
RMF130	0,74	RTE130	1,91
RMF131	0,95	RTE131	2,37
RMF132	1,45	RTE132	2,62
RMF134	2,15	RTE133	5,09
RMF135	3,83	RTE134	5,80
RMF136	5,47	RTE135	9,73

N.B.: fittings PN10 until Ø 1" - PN6 Ø 1 1/4 ÷ 2"







FITTINGS

M/F reducer without o-ring			Reduction coupling without o-ring			Reduction nipple without o-ring			Reduction nipple with o-ring				
													
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€	
3/4" x 1/2"	RRD050	10	0,87	RMR050	10	1,66	RNP050	10	0,55	RNP140	1	0,43	
1" x 1/2"	RRD051		1,07	RMR051		1,93	RNP052		0,67	RNP144			
1" x 3/4"	RRD052			RMR052			RNP055			RNP141			
1" 1/4 x 1/2"	RRD058		2,14										
1" 1/4 x 3/4"	RRD054				RMR053	10	2,85	RNP053	10	1,53	RNP145	1	1,70
1" 1/4 x 1"	RRD055												
1" 1/2 x 1/2"	RRD056		3,27										
1" 1/2 x 3/4"	RRD057				RMR055	10	4,81	RNP059	10	1,45	RNP143	1	2,00
1" 1/2 x 1"	RRD059				RMR056			RNP056					
1" 1/2 x 1" 1/4"	RRD053				RMR057		4,38	RNP051					
2" x 1/2"	RRD064	4,18											
2" x 3/4"	RRD060			RMR058	10	6,15	RNP060	10	2,33				
2" x 1"	RRD061			RMR059			RNP058		1,80				
2" x 1" 1/4"	RRD065			RMR060			RNP061						
2" x 1" 1/2"	RRD063			RMR061		5,64	RNP057		2,04	RNP149	1	2,82	
3" x 2"	RRD066												
3" x 2" 1/2"	RRD067	9,94				RNP062	5	3,00					
4" x 2"	RRD068	10,34											
4" x 2" 1/2"	RRD049												
4" x 3"	RRD069		11,32										

N.B.: fittings PN10 until Ø 1" - PN6 Ø 1" 1/4 ÷ 4"

► CLAMP SADDLES

PLASSON							SPS					
Without stainless steel reinforcement PN10				With stainless steel reinforcement PN12,5			Without stainless steel reinforcement PN16			With reinforcement, stainless steel bolts and antirotation pipe system PN16		
												
Ø	Code	Box ⁽¹⁾	€	Code	Box ⁽¹⁾	€	Code	Box ⁽¹⁾	€	Code	Box ⁽¹⁾	€
20 x 1/2"	RPS001	400	2,43	RPS099	400	3,25	RPS500	200	0,96	RPS301	180	3,19
25 x 1/2"	RPS002	300		RPS103	300		1,04		RPS302			
25 x 3/4"	RPS003	150	2,53	RPS102	150	3,53	RPS503	150	1,16	RPS303	150	3,39
32 x 1/2"	RPS004			RPS100			RPS504			RPS304		
32 x 3/4"	RPS005		RPS106	RPS505			RPS305	120	3,71			
40 x 1"	RPS007	100	3,09	RPS104	100	4,55	RPS506	120	1,36	RPS306	100	4,13
40 x 3/4"	RPS008			RPS105			RPS507			RPS307		
40 x 1"	RPS009		RPS127	RPS508			RPS308					
50 x 1/2"	RPS010	70	3,20	RPS107	70	5,39	RPS509	100	1,52	RPS309	80	5,61
50 x 3/4"	RPS011			RPS108			RPS510			RPS300		
50 x 1"	RPS012		RPS109	RPS511			RPS310					
50 x 1" 1/4"	RPS034**			RPS130								
63 x 1/2"	RPS013	60	3,92	RPS110	60	7,67	RPS513	50	2,00	RPS311	50	6,74
63 x 3/4"	RPS014			RPS111			RPS514			RPS312		
63 x 1"	RPS015		RPS112	RPS515			RPS313					
63 x 1" 1/4"	RPS017**	55	6,18	RPS114	55	6,73	RPS516**	40	2,60	RPS314	40	7,24
63 x 1" 1/2"	RPS016**			RPS113			RPS517**			RPS315		
75 x 1/2"	RPS018	50	7,16	RPS115	50	7,67	RPS518	35	4,19	RPS316	35	9,80
75 x 3/4"	RPS019			RPS116			RPS519			RPS317		
75 x 1"	RPS020	45	7,16	RPS117*	45	7,67	RPS520	30	2,79	RPS318	30	9,75
75 x 1" 1/4"	RPS021**			RPS118*			RPS521**			RPS319		
75 x 1" 1/2"	RPS022**	40	7,16	RPS119*	40	7,67	RPS522**	25	4,39	RPS320	25	10,60
75 x 2"	RPS029**			RPS120*			RPS523**			RPS321		
90 x 1/2"	RPS024	40	7,16	RPS121	40	7,67	RPS524**	30	2,79	RPS322	30	9,75
90 x 3/4"	RPS025			RPS122			RPS525**			RPS323		
90 x 1"	RPS026	40	7,16	RPS123*	40	7,67	RPS526**	25	4,39	RPS324	25	10,60
90 x 1" 1/4"	RPS030**			RPS142*			RPS527**			RPS325		
90 x 1" 1/2"	RPS028**	40	7,16	RPS128*	40	7,67	RPS528**	25	4,39	RPS326	25	10,60
90 x 2"	RPS027**			RPS124*			RPS529**			RPS327		

(1) Clamp saddles not in box - on request

* = PN10 - ** = PN6



► PVC FITTINGS FOR GLUING PN16

COUPLING				TEE 90°			ELBOW 90°			ELBOW 45°		
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
16	RMI015	10	0,82	RTI015	10	0,94	RGO129	10	0,70	RGO107	10	1,74
20	RMI016		0,83	RTI016		0,97	RGO080		0,84	RGO140		1,37
25	RMI001		0,76	RTI001		1,17	RGO110		0,91	RGO095		1,72
32	RMI002		0,84	RTI002		1,74	RGO111		1,08	RGO106		1,87
40	RMI003	5	1,33	RTI003	5	2,76	RGO112	5	1,98	RGO096	5	2,42
50	RMI004		1,66	RTI004	3,28	RGO113	2,70		RGO097	3,36		
63	RMI005	1	2,33	RTI005	1	5,02	RGO114	1	3,78	RGO108	1	4,36
75	RMI006		5,56	RTI006		9,88	RGO115		8,77	RGO102		7,90
90	RMI007		8,68	RTI007		13,82	RGO116		11,92	RGO100		10,77
110	RMI008		12,18	RTI008		23,34	RGO117		18,31	RGO103		23,19
125	RMI009		18,19	RTI009		44,78	RGO118		34,56	RGO101		30,34
140	RMI010		23,71	RTI010		60,90	RGO123		41,23	RGO124		41,30
160	RMI011		28,55	RTI011		74,28	RGO119		62,78	RGO104		48,75
180	RMI017*		115,06	RTI017		265,00	RGO084		215,00	RGO109*		215,00
200	RMI012*		54,95	RTI012*		109,86	RGO121*		101,62	RGO105*		87,03
225	RMI013*		64,69	RTI013*		155,86	RGO081*		141,67	RGO098*		93,90
250	RMI014*		153,43	RTI014*		212,71	RGO082*		202,98	RGO099*		164,13
280	RMI018*		196,59	RTI019*		441,58	RGO142*		412,46	RGO092*		321,58
315	RMI019*	214,85	RTI020*	534,75	RGO127*	467,58	RGO093*	428,78				
400	RMI020**	352,26	RTI021***	1.352,44	RGO083**	1.126,64	RGO094**	775,22				

N.B.: fittings PN 16 except products marked with asterisks:
 * = PN10
 ** = PN5
 *** = PN4

BEND 90°				UNION			CAP			Stub Serrated		
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
16		5		RBC400	10	4,09	RTA039	10	0,70		10	
20	RG0180		4,31	RBC252		3,17	RTA040		0,77	RCL061		0,80
25	RG0181		5,18	RBC052		3,66	RTA041		0,85	RCL062		0,90
32	RG0182		6,45	RBC053		4,07	RTA042		1,03	RCL063		0,94
40	RG0183	1	8,79	RBC054	5	5,93	RTA043	5	1,42	RCL064	10	1,37
50	RG0184		12,53	RBC055	7,78	RTA044	1,82		RCL058	2,14		
63	RG0185	1	16,32	RBC056	1	10,33	RTA045	1	2,48	RCL059	1	3,46
75	RG0186		36,12	RBC057		28,36	RTA046		5,47	RCL060		5,47
90	RG0187		44,72	RBC058		33,26	RTA047		7,62	RCL055		6,70
110	RG0188		72,31	RBC059		38,49	RTA048		10,77	RCL054		8,77
125							RTA049		18,80	RCL051		18,74
140							RTA050		19,82	RCL052		20,40
160					RTA051	27,50	RCL053	22,74				
180							RCL065*	125,00				
200							RTA055*	51,35	RCL050*	34,57		
225							RTA056*	80,61	RCL056*	42,54		
250							RTA057*	199,10	RCL057*	61,43		
280									RCL067*	116,29		
315									RCL066*	150,54		

FITTINGS

REDUCTION M/F/F



Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€
20x16x16	RRI001	10	1,02	50x40x40	RRI009	10	1,75	110x90x50	RRI213	10	10,98	160x140x110	RRI018	1	34,31
25x20x16	RRI200			63x50x25	RRI206	5	3,14	110x90x63	RRI100			160x140x125	RRI019	1	46,10
25x20x20	RRI003			63x50x32	RRI207	5	2,63	110x90x75	RRI013			1	16,51		
32x25x16	RRI004			63x50x40	RRI208		1,94	110x90x90	RRI012						
32x25x20	RRI005			63x50x50	RRI010	2,63	125x110x63	RRI214							
32x25x25	RRI006	75x63x32	RRI209	4,67	125x110x75	RRI021	1	26,17							
40x32x16	RRI201	75x63x40	RRI210	3,07	125x110x90	RRI015									
40x32x20	RRI202	75x63x50	RRI024	4,67	125x110x110	RRI016	1	42,80							
40x32x25	RRI203	75x63x63	RRI023	3,07	140x125x90	RRI216									
40x32x32	RRI007	90x75x40	RRI211	8,99	140x125x110	RRI017	1	33,36							
50x40x20	RRI020	90x75x50	RRI212	7,38	160x140x63	RRI217									
50x40x25	RRI204	90x75x63	RRI022	4,78	160x140x75	RRI218	1	33,36							
50x40x32	RRI008	90x75x75	RRI011	7,81	160x140x90	RRI219									

REDUCTION TEE 90°



Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€
20x16x20	RTI066	30	1,20	63x40x63	RTI072	1	5,76	125x63x125	RTI230	1	74,12	250x160x250	RTI101*	1	448,24
25x16x25	RTI067	45	1,43	63x50x63	RTI073			125x75x125	RTI231			250x200x250	RTI102*	1	274,89
25x20x25	RTI068	10	1,25	75x32x75	RTI074	1	16,47	125x90x125	RTI085	1	51,22	315x160x315	RTI108**	1	625,96
32x20x32	RTI060			75x40x75	RTI075			125x110x125	RTI087			315x250x315	RTI107**		
32x25x32	RTI061			75x50x75	RTI076			140x90x140	RTI089			1	71,82		
40x20x40	RTI062			75x63x75	RTI077			140x110x140	RTI090						
40x25x40	RTI063			90x40x90	RTI078			140x125x140	RTI091			1	89,33		
40x32x40	RTI064	90x50x90	RTI079	160x90x160	RTI092	1	108,38								
50x20x50	RTI065	90x63x90	RTI220	160x110x160	RTI095			1	210,26						
50x25x50	RTI207	90x75x90	RTI081	160x125x160	RTI093	1	414,91								
50x32x50	RTI069	110x50x110	RTI082	160x140x160	RTI094			1	678,18						
50x40x50	RTI070	110x63x110	RTI225	200x160x200	RTI097*	1	108,38								
63x25x63	RTI212	110x75x110	RTI084	225x200x225	RTI099*			1	210,26						
63x32x63	RTI211	110x90x110	RTI229	250x110x250	RTI100*	1	414,91								

REDUCTION COMPASS M/F



Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€			
20x16	RRI066	10	1,01	63x40	RRI064	10	1,55	140x90	RRI040	1	19,26	250x160	RRI082*	1	96,16			
25x16	RRI035			63x50	RRI048			140x110	RRI036			22,66	250x200			RRI071*	1	105,30
25x20	RRI055			75x40	RRI068			140x125	RRI037			17,74	250x225			RRI500*		
32x16	RRI041			75x50	RRI028			160x90	RRI050			24,71	280x225			RRI083*	1	153,05
32x20	RRI057			75x63	RRI029			160x110	RRI033			19,22	315x200			RRI073*		
32x25	RRI058	90x50	RRI045	160x125	RRI039	22,38	315x225	RRI074*										
40x20	RRI059	90x63	RRI047	160x140	RRI034	1	19,22	315x250	RRI072*	1	89,97							
40x25	RRI062	90x75	RRI027	180x160	RRI038*													
40x32	RRI056	110x63	RRI065	200x110	RRI077*	1	49,05	315x280	RRI085*	1	37,22							
50x20	RRI042	110x75	RRI046	200x125	RRI069*			1	38,19									
50x25	RRI063	110x90	RRI032	200x160	RRI043*	1	53,86											
50x32	RRI067	125x75	RRI049	200x180	RRI080*			1	61,63									
50x40	RRI060	125x90	RRI030	225x160	RRI081*	1	61,63											
63x32	RRI061	125x110	RRI031	225x200	RRI075*			1										

MALE GLUING HOSE ADAPTOR



Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€	Ø	Code	B.	€
12x12	RPG100	1	1,06	20x20	RPG102	1	1,18	32x30	RPG104	1	1,33	50x50	RPG106	1	2,25
16x16	RPG101			25x25	RPG103			40x40	RPG105			63x60	RPG107		

N.B.: fittings PN 16 except products marked with asterisks: * = PN10 ** = PN8



► PVC FLANGE PN16

Box	Ø	Loose flange		Blank flange		Female fixed flange for gluing	
		Code	€	Code	€	Code	€
1	32	RFG008	3,74	RFG100	5,94	RFG056	5,91
	40	RFG009	5,29	RFG101	7,88	RFG057	7,71
	50	RFG011	5,76	RFG102	9,46	RFG058	9,22
	63	RFG108	6,21	RFG103	9,98	RFG059	9,94
	75	RFG109	7,87	RFG104	11,17	RFG060	11,84
	90	RFG004	8,83	RFG105	13,15	RFG061	14,08
	110	RFG001	11,02	RFG106	17,02	RFG062	18,18
	125 - DN110	RFG005	16,04	RFG107	27,24		
	140	RFG006	20,31	RFG118	32,26		
	160	RFG002	21,24	RFG119	29,87		
	200	RFG003*	50,54	RFG120*	105,75		
	225	RFG007*	54,09	RFG121*	112,08		
	250	RFG010*	83,89				
	280	RFG013*	112,36				
	315	RFG030*	126,39				

Box	Ø	Fixed threaded flange	
		Code	€
1	1"	RFG049	9,00
	1 1/4"	RFG050	13,00
	1 1/2"	RFG051	18,50
	2"	RFG052	21,50
	2 1/2"	RFG053	29,00
	3"	RFG054	35,50
4"	RFG055	44,00	

N.B.: flanges PN 16 except products marked with asterisks: * = PN 10

► PVC ADAPTOR FITTINGS PN16

Box	Ø	Coupling		Female threaded gluing union		Male threaded gluing union		90° Elbow		M/F Adaptor		Stainless steel reinforcement coupling		Stainless steel reinforcement 90° elbow	
		Code	€	Code	€	Code	€	Code	€	Code	€	Code	€	Code	€
1	16x3/8"	RMP010	1,48	RBC101	4,50			RGO603	1,22			RMP050	4,09		
	20x1/2"	RMP001	1,40	RBC102	4,01			RGO604	1,34			RMP051	2,70	RGO281	5,20
	25x3/4"	RMP002	1,52	RBC103	4,67	RBC081	4,64	RGO126	1,56	RAD051	1,98	RMP052	3,01	RGO282	6,00
	32x1"	RMP003	1,74	RBC104	6,21	RBC082	5,81	RGO120	1,82	RAD052	2,39	RMP053	3,03	RGO283	7,90
	40x1 1/4"	RMP004	2,17	RBC105	7,26	RBC083	6,78	RGO600	3,58	RAD053	2,58	RMP054	3,89	RGO284	10,00
	50x1 1/2"	RMP005	3,30	RBC106	10,21	RBC084	10,24	RGO601	4,96	RAD054	3,22	RMP055	5,06	RGO285	13,50
	63x2"	RMP006	4,86	RBC107	13,06	RBC085	13,06	RGO602	6,79	RAD055	5,43	RMP056	6,20	RGO286	17,50
	75x2 1/2"	RMP008	12,88	RBC108	35,03			RGO125	13,99	RAD056	9,89				
	90x3"	RMP007	13,99	RBC109	40,95			RGO122	20,42	RAD057	12,23				
	110x4"	RMP009	20,46	RBC110	47,33			RGO128	31,53	RAD058	17,47				


TEE 90°															
Box	Ø	Code		€		Ø	Code		€		Ø	Code		€	
		Code	€	Code	€		Code	€	Code	€					
1	16X3/8"X16	RTP011	1,55	25X3/4"X25	RTP001	1,98	40X1"1/4X40	RTP006	3,30	63X2"X63	RTP008	8,74	90X3"X90	RTP002	22,18
	20X1/2"X20	RTP010	1,79	32X1"X32	RTP005	4,62	50X1"1/2X50	RTP007	4,92	75X2"1/2X75	RTP003	15,99	110X4"X110	RTP004	36,25


NIPPLE COUPLING															
Box	Ø	Code		€		Ø	Code		€		Ø	Code		€	
		Code	€	Code	€		Code	€	Code	€					
1	20X16X3/8"	RMN008	0,86	32X25X3/4"	RMN010	1,03	50X40X1"1/4	RMN012	1,89	75X63X2"	RMN001	3,89	110X90X3"	RMN004	12,23
	25X20X1/2"	RMN009	0,91	40X32X1"	RMN011	1,30	63X50X1"1/2	RMN005	2,92	90X75X2"1/2	RMN003	9,96	125X110X4"	RMN002	18,08



FITTINGS

NIPPLE													
Box													
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€	
	1	16X12X3/8"	RNP157	1,08	32X25X1"	RNP154	1,09	63X50X2"	RNP153	2,92	110X90X4"	RNP151	15,28
		20X16X1/2"	RNP158	0,86	40X32X1"1/4	RAD165	1,53	75X63X2"1/2	RNP155	7,62	125X110X5"	RNP152	25,56
	25X20X3/4"	RNP156	0,91	50X40X1"1/2	RAD011	2,17	90X75X3"	RNP150	10,62				









ADAPTOR													
Box													
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€	
	1	25X20X3/8"	RAD003	0,91	40X32X3/4"	RAD004	1,30	63X50X1"1/4	RAD005	2,92	90X75X2"	RAD007	3,89
		32X25X1/2"	RAD002	1,03	50X40X1"	RAD166	1,89	75X63X1"1/2	RAD006	9,14	110X90X2"1/2	RAD008	12,23


M/F REDUCTION													
Box													
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€	
	1	25X20X1/2"	RAD199	1,69	40X32X1"	RRI079	2,46	75X63X2"	RRI084	6,98	110X90X3"	RAD210	15,20
		32X25X3/4"	RAD155	1,98	50X40X1"1/4	RAD206	2,91	90X75X2"1/2	RAD197	10,82			


STAINLESS STEEL REINFORCEMENT REDUCTION M/F													
Box													
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€	
	1	25X20X1/2"	RRD200	2,54	32X25X3/4"	RRD201	2,88	40X32X1"	RRD202	3,36	50X40X1"1/4	RRD203	3,92


90° STAINLESS STEEL REINFORCEMENT TEE													
Box													
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€	
	1	20X1/2"X20	RTP051	3,42	32X1"X32	RTP053	5,56	50X1"1/2X50	RTP055	8,20			
		25X3/4"X25	RTP052	4,15	40X1"1/4X40	RTP054	6,04	63X2"X63	RTP056	10,18			

► PVC THREADED FITTINGS PN16

Box	COUPLING		UNION		TEE 90°		ELBOW 45°		ELBOW 90°		NIPPLE		CAP		PLUG		
																	
	Ø	Code	€	Code	€	Code	€	Code	€	Code	€	Code	€	Code	€		
1	3/8"	RMF011	1,22	RBC010	4,93	RTE112	2,15	RG0190	3,80	RG0141	1,16	RNP010	0,86	RTA029	1,05	RTA008	0,70
	1/2"	RMF001	1,41	RBC004	4,07	RTE100	2,46	RG0191	1,97	RG0130		RNP001	0,91	RTA020	1,09	RTA001	
	3/4"	RMF002	1,54	RBC005	4,82	RTE101	2,66	RG0192	2,08	RG0131	1,48	RNP002	1,09	RTA021	1,22	RTA002	0,94
	1"	RMF003	1,90	RBC001	5,54	RTE102	3,22	RG0193	2,70	RG0132	1,86	RNP003	1,34	RTA022	1,34	RTA003	1,18
	1"1/4	RMF004	2,43	RBC002	6,75	RTE106	4,54	RG0194	3,70	RG0133	2,61	RNP004	1,72	RTA023	1,98	RTA004	1,62
	1"1/2	RMF005	3,22	RBC003	9,30	RTE103	5,81	RG0195	5,49	RG0134	3,92	RNP005	2,07	RTA024	2,37	RTA005	1,89
	2"	RMF006	4,22	RBC006	12,77	RTE104	8,32	RG0196	7,76	RG0135	5,59	RNP006	2,75	RTA025	3,22	RTA006	2,58
	2"1/2	RMF007	12,18	RBC007	36,07	RTE105	21,64			RG0136	14,18	RNP007	7,39	RTA026	10,88	RTA007	8,19
	3"	RMF010	14,54	RBC008	41,83	RTE110	25,74			RG0137	19,50	RNP008	10,15	RTA027	14,12	RTA009	10,49
	4"	RMF009	20,99	RBC009	48,23	RTE111	39,12			RG0138	31,83	RNP009	16,07	RTA028	18,16	RTA010	17,47

REDUCTION M/F													
Box													
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€	
	1	1/2"X3/8"	RRD075	1,10	1"X3/4"	RRD071	1,30	1"1/2X3/4"	RRD084	2,46	2"X1"1/4	RRD087	3,36
		3/4"X3/8"	RRD100	1,18	1"1/4X1/2"	RRD079	1,90	1"1/2X1"	RRD077		2"X1"1/2	RRD085	
	3/4"X1/2"	RRD070	1"1/4X3/4"		RRD088	1"1/2X1"1/4		RRD073	2"1/2X1"1/2	RRD080	7,51		
	1"X1/2"	RRD074	1"1/4X1"	RRD076	2"X1"	RRD078	3,36	2"1/2X2"	RRD083	4"X2"1/2		RRD089	16,14
										4"X3"	RRD082		

NIPPLE SOCKET M/F												
Box												
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€
	3/8"X1/2"	RMG001	1,82	1"X1"1/4"	RMG004	2,22	1"1/2X2"1/2	RMG007	12,00	2"1/2X3"	RMG010	9,08
	1/2"X3/4"	RMG002	1,93	1"1/4"X1"1/2	RMG005	2,57	2"X2"1/2	RMG008	6,78	2"1/2X4"	RMG011	25,00
1	3/4"X1"	RMG003	2,05	1"1/2X2"	RMG006	3,34	2"X3"	RMG009	15,00	3"X4"	RMG012	15,30

REDUCTION NIPPLE															
Box															
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€			
	1/2"X3/8"	RNP070	1,37	1"X3/4"	RNP074	1,89	1"1/2X1"1/4	RNP078	3,14	2"1/2X2"	RNP082	8,13	4"X3"	RNP086	16,07
	3/4"X3/8"	RNP071	2,50	1"1/4X3/4"	RNP075	3,90	2"X1"1/4	RNP079	6,90	3"X2"	RNP087	10,49			
	3/4"X1/2"	RNP072	1,53	1"1/4X1"	RNP076	2,46	2"X1"1/2	RNP080	4,45	3"X2"1/2	RNP084				
1	1"X1/2"	RNP073	3,00	1"1/2X1"	RNP077	4,80	2"1/2X1"1/2	RNP081	13,30	4"X2"1/2	RNP085	25,00			

THREADED BACKNUT HOSE-ADAPTOR														
Box														
	Ø	Code	€	Ø	Code	€	Ø	Code	€	Ø	Code	€		
	1/4"X12	RPG001	1,25	1/2"X20	RPG003	1,26	1"X30	RPG005	1,34	1"1/2X50	RPG007	2,92	2"1/2X80	RPG009
1	3/8"X16	RPG002	1,22	3/4"X25	RPG004		1"1/4X40	RPG006	2,37	2"X60	RPG008	5,39		

N.B.: fittings PN 16 except threaded backnut hose-adaptor

► SOLVENT AND CLEANER FOR GLUING FITTINGS





Description	Vol/Weight	Code	Fig.	Box	€
Solvent for PVC with brush	250 ml	MCL010	A	10	16,00
	500 ml	MCL011			31,30
	1000 ml	MCL012			56,30
Solder adhesive for pipes and PVC TANGIT	500 ml	MCL025	B	12	50,00
Cleaner for PVC	1000 ml	MDT001	C	10	22,00



N.B.: you can find PVC BI-BACKNUT ball valves, 3 ways PVC ball valves and PVC butterfly valves on page 33 and page 34



► PVC ELASTOMERIC JOINT FITTINGS

Male/female reducer PN16					Sliding coupling PN10			90° T F/F/F PN10			Solvent cement deriv. 90° T F/F PN10			
														
Female	Male	Code	Box	€	Ø mm	Code	Box	€	Code	Box	€	Code	Box	€
110	75	RRD360	1	78,81	75	RBG201	1	20,41	RTE508	1	37,93	RTE514	1	37,46
		RRD361			90	RBG202		22,48	RTE509		51,17	RTE516		41,52
125	90	RRD362		110	RBG203	23,82		RTE510	85,71		RTE517	66,84		
		RRD363		125	RBG204	31,71		RTE511	126,69		RTE515	91,12		
140	90	RRD364		140	RBG205	46,75		RTE512	156,68		RTE518	214,65		
		RRD365		160	RBG206	47,82		RTE513	200,69		RTE519	220,73		
		RRD366												
160	110	RRD367			219,28									
		RRD368												
		RRD369												
180	110	RRD370			376,86									
		RRD371												
		RRD372												
		RRD373			394,49									
200	110	RRD374			433,21									
		RRD376												
		RRD377												



FITTINGS

Bend 90° M/F PN10				Bend 45° M/F PN10			Bend 22°30' M/F PN10		
ø mm	Code	Box	€	Code	Box	€	Code	Box	€
75	RG0251	1	28,61	RG0260	1	28,61	RG0266	1	28,61
90	RG0252		38,77	RG0261		35,18	RG0267		35,18
110	RG0253		43,67	RG0262		39,79	RG0268		39,79
125	RG0254		56,87	RG0263		47,86	RG0270		47,86
140	RG0255		79,39	RG0264		60,25	RG0271		60,25
160	RG0256		98,02	RG0265		82,13	RG0269		82,13

► UNDERGROUND GALVANIZED FITTINGS HEIGHT MT 1

Line elbow hydrant		in line Tee hydrant		Hydrant in Tee line		
ø	Code	€	Code	€	Code	€
110 x 4"	AID123-Z	225,22	AID073-Z	202,55	AID403-Z	239,10
125 x 4"	AID124-Z	243,88	AID074-Z	223,22	AID404-Z	281,14
140 x 4"	AID125-Z	250,43	AID075-Z	234,80	AID405-Z	300,04
160 x 4"	AID126-Z	260,23	AID076-Z	246,45	AID406-Z	318,97

"S" male flanged		
ø	Code	€
DN80x90	ATL117-Z	221,45
DN100x110	ATL109-Z	286,85
DN100x125	ATL111-Z	299,77
DN125x125	ATL114-Z	411,24
DN125x140	ATL116-Z	418,26
DN150x140	ATL119-Z	646,87
DN150x200	ATL120-Z	715,71

Cross M/M/M/F		T M/M/F		Curve M/F		Lead through F/F		Rubber ring for lead through F for PVC		
ø	Code	€	Code	€	Code	€	Code	€	Code	€
110	ACI022-Z	169,97	ATI047-Z	121,34	ACI047-Z	124,65	API022-Z	69,27	RGN302	2,80
125	ACI023-Z	193,63	ATI048-Z	143,85	ACI048-Z	152,88	API023-Z	80,32	RGN303	3,20
140	ACI024-Z	218,01	ATI049-Z	162,65	ACI049-Z	185,88	API024-Z	90,36	RGN304	4,20
160	ACI025-Z	248,69	ATI050-Z	181,58	ACI050-Z	230,19	API025-Z	102,57	RGN305	5,40



Bout female		
ø	Code	€
110 F X DN100	ABI022-Z	116,48
125 F X DN 125	ABI023-Z	160,36
140 F X DN 150	ABI024-Z	193,07
160 F X DN 150	ABI025-Z	197,69

T flanged			Flanged cross	
ø	Code	€	Code	€
100	FCL409-Z	297,18	FCR022-Z	401,62
125	FCL422-Z	393,56	FCR023-Z	539,28
150	FCL441-Z	491,27	FCR024-Z	666,66
200	FCL442-Z	656,91	FCR025-Z	913,53

* All packages in single units

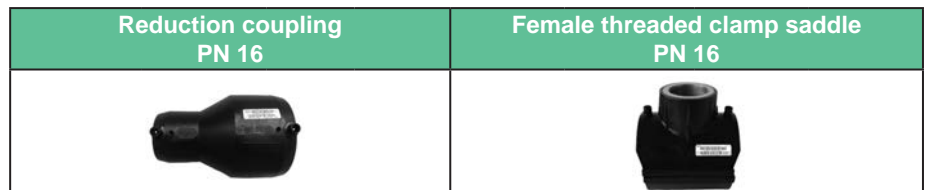


ELECTROFUSION FITTINGS

Cap PN 16				Elbow 45° PN 16			Elbow 90° PN 16			Tee 90° PN 16			Ball valve PN 16		
															
Ø mm	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
20	ATAE050	50	10,17	AGOE029	50	14,24	AGOE001	50	14,24	ATEE049	50	15,01			
25	ATAE051	40	10,68	AGOE030		14,62	AGOE002	30	14,62	ATEE050	40	15,39			
32	ATAE052	60	12,15	AGOE031	15	14,24	AGOE003	25	14,24	ATEE052	25	16,16	AVSE003	1	208,87
40	ATAE053	30	13,38	AGOE032	20	19,24	AGOE004		19,24	ATEE053	18	19,24			
50	ATAE054	12	20,28	AGOE033	18	22,70	AGOE005	15	22,70	ATEE054	12	21,55	AVSE005	1	257,29
63	ATAE055	15	22,41	AGOE018	12	23,86	AGOE006	10	23,86	ATEE055		23,47	AVSE006		352,95
75	ATAE056	10	35,22	AGOE019	6	34,63	AGOE007	5	34,63	ATEE056	8	34,63			
90	ATAE057	12	50,09	AGOE020	9	43,87	AGOE008	6	43,87	ATEE057	5	44,25	AVSE008	1	529,71
110	ATAE058	8	64,26	AGOE021	5	53,87	AGOE009	4	53,87	ATEE058	3	63,49	AVSE009		635,68
125	ATAE059	6	78,97	AGOE022		76,96	AGOE010	3	76,96	ATEE059	2	80,81	AVSE010		654,44
140	ATAE060	4	105,22												
160	ATAE061		110,92	AGOE024	2	150,07	AGOE012	1	150,07	ATEE061	1	161,62	AVSE011	1	2.165,69
180	ATAE062	3	145,64	AGOE025		223,18	AGOE013		223,18	ATEE062		261,66	AVSE012		2.182,46
200	ATAE063	4	172,12	AGOE026	1	300,14	AGOE014	1	300,14						
225	ATAE064	2	219,13	AGOE027		380,95	AGOE015		380,95	ATEE064	1	442,52	AVSE014	1	3.184,85
250	ATAE065	3	326,49												
280	ATAE066	1	451,63												
315	ATAE067	2	569,00												






Coupling PN 16-25			
Ø mm	Code	Box	€
20	ABGE001	100	5,00
25	ABGE002	50	5,39
32	ABGE003		5,77
40	ABGE004	16	6,16
50	ABGE005	24	8,85
63	ABGE006	15	9,24
75	ABGE007	10	13,85
90	ABGE008	8	16,55
110	ABGE009	4	20,39
125	ABGE010	6	28,86
140	ABGE011	4	33,86
160	ABGE012		42,33
180	ABGE013	7	57,72
200	ABGE014	6	67,34
225	ABGE015	5	90,43
250	ABGE016	1	126,98
280	ABGE018		173,16
315	ABGE017		188,55









Reduction coupling PN 16				Female threaded clamp saddle PN 16			
Ø mm	Code	Box	€	Ø mm	Code	Box	€
25 X 20	AMRE001	35	9,79	110 X 2"	ACLE564	1	288,08
32 X 20	AMRE002		10,65	125 X 2"	ACLE570		319,31
32 X 25	AMRE003	50	12,25	140 X 2"	ACLE572		341,64
40 X 20	AMRE023			160 X 2"	ACLE136		366,90
40 X 25	AMRE024	40	13,60				
40 X 32	AMRE004	30					
50 X 25	AMRE026	25	17,01				
50 X 32	AMRE027						
50 X 40	AMRE006	20	18,59				
63 X 32	AMRE007	18	22,18				
63 X 40	AMRE008	14					
63 X 50	AMRE009	12	29,19				
75 X 50	AMRE011						
75 X 63	AMRE010	7	34,70				
90 X 63	AMRE012						
110 X 63	AMRE013	12	56,55				
110 X 90	AMRE014						
125 X 90	AMRE015	8	69,47				
125 X 110	AMRE016	6					
160 X 90	AMRE031	4	98,68				
160 X 110	AMRE018			101,15			
225 X 160	AMRE022	2	229,60				

FITTINGS


Simple clamp saddle PN 16				Perforator clamp saddle PN 16				Valve clamp saddle PN 16			
											
Ø mm	Code	Box	€	Ø mm	Code	Box	€	Ø mm	Code	Box	€
63 X 32	ACLE010	1	35,17	63 X 32	ACPE103	1	52,65	63 X 32	ACVE001	1	277,54
63 X 50	ACLE012			63 X 63	ACPE105		58,45	90 X 32	ACVE002		287,32
75 X 32	ACLE014	1	36,42	90 X 32	ACPE108	1	57,77	110 X 63	ACVE003	1	298,77
75 X 50	ACLE016			90 X 63	ACPE109		63,40	125 X 63	ACVE004		303,88
75 X 63	ACLE017			110 X 32	ACPE110		65,12	160 X 63	ACVE006		312,04
90 X 32	ACLE018	1	34,91	110 X 63	ACPE112	1	69,24	180 X 63	ACVE007	1	340,74
90 X 50	ACLE020			125 X 32	ACPE113		77,45	200 X 63	ACVE008		344,09
90 X 63	ACLE021			125 X 63	ACPE114		80,55	225 X 63	ACVE009		403,71
110 X 32	ACLE030	1	36,68	160 X 32	ACPE118	1	104,11			1	
110 X 63	ACLE022			160 X 63	ACPE120		107,20				
110 X 90	ACPE016	1	99,95	200 X 32	ACPE122	1	138,58			1	
125 X 32	ACLE033			200 X 63	ACPE124		140,81				
125 X 63	ACPE024	1	37,40	225 X 32	ACPE125	1	149,74			1	
125 X 90	ACPE017			225 X 63	ACPE126		159,60				
140 X 32	ACLE035	1	42,25								
140 X 63	ACLE007		43,84								
160 X 32	ACLE038		117,10								
160 X 63	ACLE511		73,90								
160 X 90	ACPE019		120,00								
160 X 110	ACPE020		122,53								
180 X 32	ACLE042		109,92								
180 X 63	ACLE045		116,88								
180 X 90	ACLE032		117,77								
180 X 110	ACLE049		132,67								
200 X 32	ACLE050		133,75								
225 X 32	ACLE051		125,68								
225 X 63	ACLE052		143,15								
225 X 90	ACPE022		222,66								
225 X 110	ACLE053										
250 X 63	ACLE048										
250 X 90	ACLE512										
315 X 63	ACLE060										

► MOULDED FITTINGS




		Stub flange long spigot				Flange			Tee 90°			
		SDR 17 - PN 10		SDR 11 - PN 16		PN 16			SDR 17 - PN 10		SDR 11 - PN 16	
												
Ø mm	Box	Code	€	Code	€	Ø mm	Code	€	Code	€	Code	€
20				ACTE018	3,33						ATEE040	4,50
25				ACTE019	3,51						ATEE041	5,16
32				ACTE001	4,09						ATEE042	6,17
40				ACTE002	4,84						ATEE043	7,65
50				ACTE003	5,90						ATEE044	10,12
63		ACTE023	7,44	ACTE004	7,44	63-DN50	AFAE004	13,25			ATEE001	13,97
75		ACTE024	9,62	ACTE005	9,62	75-DN65	AFAE005	16,19	ATEE032	20,56	ATEE002	23,16
90		ACTE025	12,55	ACTE006	12,55	90-DN80	AFAE006	18,31	ATEE012	29,58	ATEE003	32,94
110		ACTE026	16,02	ACTE007	16,02	110-DN100	AFAE007	22,51	ATEE013	43,40	ATEE004	48,23
125		ACTE027	19,51	ACTE008	19,51	125-DN100	AFAE008		ATEE014	59,55	ATEE005	66,19
140		ACTE028	25,12	ACTE009	29,19	140-DN125	AFAE009	34,46	ATEE015	95,70	ATEE006	106,37
160		ACTE029	31,58	ACTE010	39,54	160-DN150	AFAE010	42,25	ATEE016	124,24	ATEE007	138,03
180		ACTE030	44,28	ACTE011	44,28	180-DN150	AFAE011		ATEE017	162,99	ATEE008	181,12
200		ACTE031	55,54	ACTE012	71,89	200-DN200	AFAE012	54,37	ATEE018	233,41	ATEE009	259,49
225		ACTE032	59,87	ACTE013	74,14	225-DN200	AFAE013		ATEE019	277,43	ATEE010	308,35
250		ACTE033	97,24	ACTE014	113,55	250-DN250	AFAE014	79,65			ATEE011	398,13
280		ACTE034	114,03	ACTE015	133,01	280-DN250	AFAE015				ATEE045	597,01
315		ACTE035	149,59	ACTE016	176,91	315-DN315	AFAE016	120,43			ATEE046	764,55
355		ACTE036	258,59	ACTE017	277,90	355-DN350	AFAE017	180,78			ATEE047	1.414,80
400		ACTE037	456,20	ACTE594	490,25	400-DN400	AFAE018	225,89			ATEE048	2.035,33

		Cap				Elbow 45°				Elbow 90°			
		SDR 17 - PN 10		SDR 11 - PN 16		SDR 17 - PN 10		SDR 11 - PN 16		SDR 17 - PN 10		SDR 11 - PN 16	
													
Ø mm	B.	Code	€	Code	€	Code	€	Code	€	Code	€	Code	€
20				ATAE033	3,50								
25				ATAE034	3,86								
32				ATAE035	4,85								
40				ATAE019	5,98								
50				ATAE020	7,84								
63		ATAE001	10,32	ATAE021	10,32	AGOE137	13,65	AGOE155	15,16			AGOE096	11,43
75		ATAE002	16,01	ATAE022	16,01	AGOE138	16,87	AGOE156	18,84			AGOE097	16,88
90		ATAE003	24,29	ATAE023	24,29	AGOE139	21,26	AGOE157	23,61	AGOE112	17,40	AGOE098	29,30
110		ATAE004	32,94	ATAE024	32,94	AGOE140	40,74	AGOE158	45,22	AGOE123	32,73	AGOE103	36,00
125		ATAE005	35,60	ATAE025	35,60	AGOE141	50,21	AGOE163	55,89	AGOE820	47,01	AGOE104	48,00
140		ATAE006	44,51	ATAE660	44,51	AGOE136	65,82	AGOE130	73,12	AGOE115	63,38	AGOE105	69,61
160		ATAE007	49,90	ATAE026	49,90	AGOE142	76,16	AGOE159	84,48	AGOE124	70,22	AGOE099	74,81
180		ATAE008	64,87	ATAE027	64,87	AGOE143	83,16	AGOE160	92,50				
200		ATAE009	80,82	ATAE028	80,82	AGOE892	113,74	AGOE167	126,38				
225		ATAE010	96,48	ATAE029	96,48	AGOE144	135,71	AGOE168	150,67				
250		ATAE011	130,02	ATAE030	144,53	AGOE145	262,61	AGOE169	291,79	AGOE128	262,61	AGOE109	320,97
280		ATAE012	184,68	ATAE031	205,30	AGOE146	396,56	AGOE170	440,61	AGOE121	396,56	AGOE102	484,67
315		ATAE013	247,00	ATAE032	276,03	AGOE147	493,49	AGOE171	551,29	AGOE122	493,49	AGOE111	606,41



		Reduction			
		SDR 17 - PN 10		SDR 11 - PN 16	
					
Ø mm	Box	Code	€	Code	€
63 X 32	1			ARDE047	7,97
63 X 40				ARDE003	
63 X 50				ARDE004	
75 X 50				ARDE006	12,35
75 X 63		ARDE056	12,35	ARDE007	
90 X 63		ARDE058	17,31	ARDE009	17,31
90 X 75		ARDE059	17,44	ARDE010	17,44
110 X 63		ARDE060	23,26	ARDE012	23,26
110 X 90		ARDE062		ARDE014	
125 X 63		ARDE063	27,96	ARDE015	27,96
125 X 90		ARDE065		ARDE048	
125 X 110		ARDE066	28,03	ARDE049	28,03
140 X 125		ARDE070	40,24	ARDE019	40,24
160 X 90		ARDE071	53,72	ARDE020	53,72
160 X 110		ARDE072	53,87	ARDE021	53,87
160 X 125		ARDE073		ARDE022	
160 X 140		ARDE074	54,17	ARDE023	54,17
180 X 125		ARDE076	69,81	ARDE024	69,81
180 X 160		ARDE078		ARDE026	
200 X 160		ARDE103	76,50	ARDE028	76,50
225 X 160		ARDE084	123,10	ARDE032	123,10
250 X 160		ARDE087	166,44	ARDE033	166,44
250 X 200		ARDE088	174,08	ARDE035	174,08
280 X 250		ARDE090	232,01	ARDE037	232,01
315 X 200		ARDE091	298,50	ARDE038	298,50






► NYLON FITTINGS (WHILE STOCKS LASTS)






		Fitting M			Elbow M			Coupling PG		
										
"G" thread	Hose adaptor mm	Code	Box	€	Code	Box	€	Code	Box	€
3/4"	20	RPO001	10	3,23	RPO020	10	3,75			
1"									RPO500	10
	25	RPO008	10	3,51	RPO023	10	4,47	RPO501	3,37	
	30							RPO502	4,07	
	32	RPO015	10	4,25	RPO032	10	5,85	RPO507	4,40	
	35							RPO503	4,93	
1 1/4"	40							RPO504	5,29	
	32	RPO017	10	5,02	RPO034	10	6,57			
	40	RPO011		5,85	RPO029		8,10			
50	RPO014	8,62		RPO035	11,36		RPO505	10	9,09	
1 1/2"	40	RPO005		5,85	RPO026		8,10			
	50	RPO006		8,62	RPO027		11,47			
2"	50	RPO007	5	9,00	RPO028	5	11,98			
	60	RPO010		10,96				RPO506	5	11,61





► YOU CAN FIND HOSE CLAMPS ON PAGE 11



► CAST IRON THREADED FITTINGS PN25






Nipple				Coupling F/F				Elbow M/F				Elbow F/F				Cross			
																			
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€				
1/2"	FNZ002	10	0,89	FMA001	10	0,99	FGT001	10	1,00	FGT020	10	0,87	FCR001	10	4,20				
3/4"	FNZ001		1,16	FMA002		1,35	FGT002		1,56	FGT021		1,36	FCR002		6,29				
1"	FNZ003		1,67	FMA003		1,79	FGT003		2,63	FGT022		2,01	FCR003		7,78				
1 1/4"	FNZ004	1	2,82	FMA004	1	2,82	FGT004	1	4,54	FGT023	1	3,88	FCR005	1	10,44				
1 1/2"	FNZ005		3,26	FMA005		4,06	FGT005		6,82	FGT024		6,26	FCR006		13,92				
2"	FNZ006		5,87	FMA006		6,03	FGT006		8,94	FGT025		7,36	FCR007		20,78				
2 1/2"	FNZ007	1	9,52	FMA007	1	15,14	FGT007	1	19,90	FGT026	1	19,47	FCR009	1	47,01				
3"	FNZ008		11,68	FMA008		18,61	FGT008		26,83	FGT027		26,40	FCR008		54,09				
4"	FNZ010		39,81	FMA009		39,81	FGT009		45,00	FGT028		44,57							






Tee				Straight union M/F				Curved union M/F				Cap				Plug			
																			
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€				
1/2"	FTZ009	10	1,16	FBZ010	10	4,58	FBZ060	10	6,01	FTZ078	10	1,13	FTZ051	10	0,69				
3/4"	FTZ001		2,01	FBZ011		5,94	FBZ061		7,64	FTZ070		1,35	FTZ050		0,94				
1"	FTZ002		2,94	FBZ012		7,03	FBZ062		10,46	FTZ071		1,58	FTZ052		1,09				
1 1/4"	FTZ003	1	5,27	FBZ014	1	10,39	FBZ063	1	17,55	FTZ077	1	2,39	FTZ053	1	1,95				
1 1/2"	FTZ004		8,17	FBZ013		13,33	FBZ064		21,49	FTZ072		2,98	FTZ054		2,39				
2"	FTZ005		11,49	FBZ015		21,26	FBZ065		35,53	FTZ073		5,64	FTZ055		4,29				
2 1/2"	FTZ006	1	23,80	FBZ016	1	46,60	FBZ066	1	78,94	FTZ074	1	10,26	FTZ056	1	9,36				
3"	FTZ007		31,59	FBZ017		72,89	FBZ067		105,84	FTZ075		11,19	FTZ057		12,06				
4"	FTZ010		58,42							FTZ079		24,50	FTZ058		21,29				





Extension (20cm)					Reduction M/F				Reduction coupling M/F				Reduction nipple			
																
Ø	Cm.	Code	Box	€	Ø	Code	Box	€	Code	Box	€	Code	Box	€		
3/4"	20	FPR010	10	2,46	1/2" x 3/8"	FRD001	10	0,94	FMA020	10	2,68	FNZ037	100	2,09		
1"		FPR011		3,61	3/4" x 1/2"							FRD002		2,85	FNZ036	1,83
3/4"	150	FPR038	1	17,41	1" x 1/2"	FRD003	1	1,42	FMA021	1	3,05	FNZ039	70	3,70		
1"		FPR039		25,87	1" x 3/4"							FRD004		2,30	FNZ040	5,67
1 1/4"		FPR040		34,10	1 1/4" x 1/2"							FRD005		2,28	FNZ041	4,82
1 1/2"	200	FPR041	1	39,97	1 1/4" x 3/4"	FRD006	1	2,27	FMA024	1	4,32	FNZ015	50	3,43		
2"		FPR042		54,09	1 1/4" x 1"							FRD007		3,33	FNZ042	4,89
1 1/4"		FPR043		45,45	1 1/2" x 3/4"							FRD008		2,68	FMA025	1
1 1/2"	300	FPR044	1	53,29	1 1/2" x 1"	FRD009	1	2,70	FMA028	1	5,50	FNZ021	30	4,28		
2"		FPR045		72,10	1 1/2" x 1 1/4"							FRD010		5,99		
1 1/2"		FPR046		79,94	2" x 3/4"							FRD011		4,91		
2"	FPR047	108,14	2" x 1"	FRD012	4,68	FMA026	1	8,90	FNZ022	10	8,71					
					2" x 1 1/2"	FRD013		4,20	FMA027	1	9,66	FNZ020		7,96		
					2 1/2" x 1"	FRD014		9,66								
					2 1/2" x 1 1/4"	FRD015		11,17								
					2 1/2" x 1 1/2"	FRD016		10,55								
					2 1/2" x 2"	FRD017		8,07								
					3" x 2"	FRD021		10,42								
					3" x 2 1/2"	FRD022		11,79								

FITTINGS

► YELLOW BRASS FITTINGS

Nipple			Coupling F/F			Elbow M/F			Elbow F/F			Cross			
															
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
1/2"	FNO002	10	1,57	FMO001	10	1,78	FGO002	10	2,64	FGO011	10	2,54	FCO011	10	4,42
3/4"	FNO003		2,38	FMO002		2,59	FGO003		4,40	FGO012		4,15	FCO012		7,89
1"	FNO004	1	3,56	FMO003	1	4,66	FGO004	1	6,92	FGO013	1	6,51	FCO013	1	12,01
1 1/4"	FNO005		5,32	FMO004		6,70	FGO006		10,51	FGO014		10,43	FCO014		15,09
1 1/2"	FNO006		6,07	FMO005		9,16	FGO007		13,31	FGO015		12,64			
2"	FNO007		9,58	FMO006		17,37	FGO008		24,21	FGO016		23,26			

Tee			Straight union M/F			Curved union M/F			Cap			Plug			
															
Ø	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€	Code	Box	€
1/2"	FTO011	10	3,45	FBO002	10	3,98	FBO016	10	6,71	FTO043	10	0,94	FTO021	10	0,95
3/4"	FTO012		5,29	FBO003		6,21	FBO017		12,01	FTO044		1,50	FTO022		1,36
1"	FTO013	1	8,14	FBO005	1	10,85	FBO018	1	18,26	FTO045	1	2,51	FTO023	1	2,35
1 1/4"	FTO014		11,91	FBO006		18,67	FBO019		19,12	FTO046		3,44	FTO024		3,85
1 1/2"	FTO015		15,84	FBO007		26,98	FBO020		47,44	FTO047		4,88	FTO025		5,57
2"	FTO016		29,08	FBO008		48,70	FBO021		125,04	FTO048		7,82	FTO026		9,64

Extension (20cm)				Reduction M/F			Reduction coupling M/F			Reduction nipple			
													
Ø	Code	Box	€	Ø	Code	Box	€	Code	Box	€	Code	Box	€
3/4"	FPO001	10	11,78	1/2" x 3/8"	FRO020	10	0,76	FMO014	10	1,64	FNO020	100	1,51
1"	FPO002		17,48	3/4" x 1/2"	FRO023		1,38	FMO016		2,49	FNO023		2,25
				1" x 1/2"	FRO026	1	3,07	FMO018	1	4,04	FNO025	70	3,28
				1" x 3/4"	FRO027		2,39	FMO019		3,94	FNO026		3,49
				1" 1/4 x 3/4"	FRO029		4,34				FNO027		5,22
				1" 1/4 x 1"	FRO030	1	3,29	FMO021	1	5,69	FNO028	40	5,73
				1" 1/2 x 1"	FRO032		5,51				FNO029		6,84
				1" 1/2 x 1 1/4"	FRO033		3,82	FMO023		7,64	FNO030		7,08
				2" x 1"	FRO034		9,65						
				2" x 1 1/4"	FRO035	1	9,81		1		FNO031	10	11,53
				2" x 1 1/2"	FRO036		8,46	FMO027		18,63	FNO032		11,86

Continuous use limitations for brass fittings until 120°C:
 1/2" ÷ 3/4" 25 bar
 1" ÷ 2" 16 bar
 2" ÷ 4" 10 bar

► SWIFT FITTING



Description	Code	Ø	Fig.	Box	€
Female quick connect fitting	FAR002	1/2"	A	10	4,60
	FAR003	3/4"			4,56
	FAR004	1"			4,94
	FAR005	1 1/4"			7,37
	FAR006	1 1/2"			7,98
	FAR012	1/2"			4,56
Male quick connect fitting	FAR013	3/4"	B	10	4,37
	FAR014	1"			4,93
	FAR015	1 1/4"			7,16
	FAR016	1 1/2"			7,79
	FAR021	DN 13			4,90
	FAR022	DN 15			4,48
Hose adaptor quick connector fitting	FAR029	DN 18	C	10	5,10
	FAR023	DN 20			4,90
	FAR026	DN 25			5,64
	FAR027	DN 32			7,56
	FAR028	DN 38			11,36
	Quick connector plug	FAR031			
F/M/M 3 ways fitting	FAR041	3/4"	E		5,97
Quick fitting gask	FGN001			100	0,58

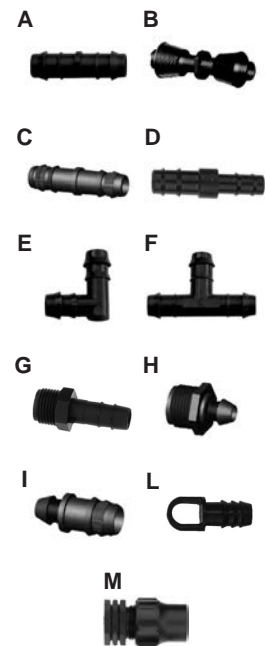
► FLEXIBLE FITTINGS CONNECT 1"

Type	Length mm	Code	Box	€
RSF 630	630	RFO063	1	20,00
RSF 680	680	RFO068		40,00

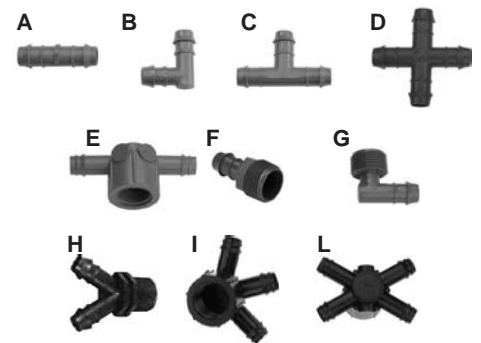


► FITTINGS FOR DRIP LINE AND PE LOW DENSITY PIPE

Black barbed fittings					
Description	Ø mm	Code	Fig.	Box	€
Coupling	16 X 16	RMP100	A	100	0,07
	20 X 20	RMP101			0,09
	16 X 16	RMP090	B		0,52
	20 X 20	RMP091			0,96
Coupling with security	16	RMP802	C		0,13
	20	RMP803			0,15
Reduction coupling	16 X 20	RMP115	D		0,08
Elbow	16	RG0150	E		0,22
	20	RG0151			0,26
Tee 90°	16	RTE050	F		0,16
	20	RTE051		0,34	
M H.A. threaded connect	16 X 1/2"	RMP110	G	0,08	
	20 X 1/2"	RMP111		0,08	
Start from PE with thread	3/4"	RMP804	H	0,24	
Start from PE with security device	16	RMP805	I	0,13	
	20	RMP806		0,17	
Ring end line for Dripnet	16	RMP807	L	1	0,16
End line plug for pipe and dripline	16	RTT200	M	25	0,82
	20	RTT201			



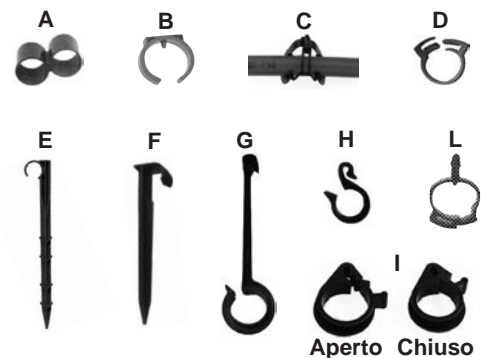
Brown barbed fittings					
Description	Ø mm	Code	Fig.	Box	€
Coupling	17	RMP105	A	1	0,16
Elbow		RG0152	B		0,30
Tee a 90°		RTE055	C		0,32
Cross		RCR001	D		1,02
2 output female threaded connect	17 X 3/4"	RMP123	E		1,86
Male threaded connect		RMP114	F		0,42
Elbow with male threaded connect		RG0154	G		0,53
Male threaded connect		RMP125	H		0,89
3 output female threaded connect		RMP150	I		1,86
4 output female threaded connect		RMP124	L		



N.B.: fittings for light dripline on page 11

► ACCESSORIES

Accessories for dripline and pipe						
Description	Ø mm	Code	Fig.	Box	€	
End line for dripline	16/17	RMP127	A	1	0,23	
	20	RMP128			0,30	
Dripline closing ring Ram/Tiran	16/17	RTA066 ⁽¹⁾	B	500	0,21	
Support for dripline		RGS003 ⁽¹⁾	C	1	0,29	
Reusable hose clip		RFS050	D	100	0,20	
Brown hose clip spike for dripline and pipe		RGS005	E		0,16	
Black hose clip spike for dripline and pipe	16/20	RGS020	F	0,14		
Spacer hook for screw	mm 150	16	G	500	0,13	
		20			RGS211	0,19
		23-25			RGS212	0,13
Support hook	16	RGS002	H		0,04	
	20	RGS001			0,08	
	25	RGS010			0,05	
Removable hook for DropClip	20	RGS083	I		0,05	
Adaptor from dripline to tube of 5/3	16/17	RMP143 ⁽¹⁾	L		100	0,31



Aperto Chiuso

⁽¹⁾ While stocks lasts

Teflon tape and wire for threaded fittings					
Description	Code	Fig.	Box	€	
Teflon belt for threading mt. 12 x 1/2" height	MTF001	A	10	0,54	
Teflon belt for threading mt. 15 x 3/4" height	MTF002	B		2,21	
Silicon belt for threading mt. 15 x 14 mm	MTF003	C		13,64	
Loctite 55 teflon sealant thread for threading	MTF050	D		37,23	

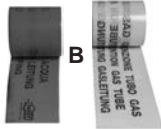


FITTINGS



A

Pipe assembly with rubber ring joints					
Description	Volume	Code	Fig.	Box	€
Slide	1000 ML	MSV005	A	10	10,69



B

Warning tape					
Description	Measurements	Code	Fig.	Box	€
Blue for "Pipe water"	mt. 200 x 20 mm	MVR185	B	1	20,94
Yellow for "Pipe gas"		MVR265			



B



C



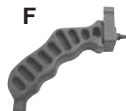
► DRILLER, CUTTER AND INSERTION COUPLINGS FOR PIPES



E



F



G

Pipe driller					
Description	Ø mm	Code	Fig.	Box	€
Quick-Drill	S 7,5	Holes 7,5	OAF220	A	59,40
	S 11	Holes 11,0	OAF221		75,24
Driller for clamp saddle		Conn. 1/2" and 3/4"	OAF030	B	23,36
Metalpuncher driller			OAF315	C	8,07
Plastic driller clamp for pipe PE	Ø 16/20	3	OAF007	D	21,80
	Ø 25/32		OAF008		
Driller with residue ejector PE			OAF002	E	15,66
Driller with insertion penetration tool			OAF205	F	13,32
		4	OAF206		14,62
Driller for Layflat PUNLF	14 orange	14	OAF300	G	95,04
	19 blue	19	OAF301		118,80



H



L

Cutter					
Description	Ø mm	Code	Fig.	Box	€
Combo cutter	40	OAF016	I + H	1	33,04
Basic cutter		OAF017	I		
Self-closing ratchet driller		OAF018	L		



M

N



O



Insertion couplings					
Description	Ø mm	Code	Fig.	Box	€
Clamp for insert pipe	5/3	OAF210	M	1	25,43
	7/4	OAF211			
Black Layflat LFDRS clutch fittings key	7	OAF310	N	1	45,60
	10	OAF312			
Punches for start connectors for pipe Ø 50	7,5	OAF316	O		205,70

► SUBMERSIBLE PUMPS

Ø 3" Grundfos 230V single-phase submersible pumps variable speed				
Description	Type	Kw	Code	€
SQE series 2 8 ÷ 50 l/m 143 ÷ 20 w.c.m.	SQE 2 - 35	0,45	PSM171	1.312,50
	SQE 2 - 55	0,65	PSM172	1.391,25
	SQE 2 - 70	0,87	PSM173	1.536,15
	SQE 2 - 85	0,98	PSM174	1.722,00
	SQE 2 - 100	1,30	PSM175	2.142,00
	SQE 2 - 115	1,50	PSM176	2.215,50
SQE series 3 25 ÷ 58 l/m 138 ÷ 20 w.c.m.	SQE 3 - 30	0,44	PSM178	1.260,00
	SQE 3 - 40	0,63	PSM179	1.333,50
	SQE 3 - 55	0,83	PSM180	1.543,50
	SQE 3 - 65	1,02	PSM185	1.722,00
	SQE 3 - 80	1,23	PSM186	2.142,00
	SQE 3 - 95	1,43	PSM187	2.210,25
	SQE 3 - 105	1,63	PSM188	2.289,00
SQE series 5 50 ÷ 100 l/m 89 ÷ 9 w.c.m.	SQE 5 - 15	0,26	PSM159	1.249,50
	SQE 5 - 25	0,54	PSM160	1.302,00
	SQE 5 - 35	0,80	PSM161	1.543,50
	SQE 5 - 50	1,06	PSM162	1.722,00
	SQE 5 - 60	1,33	PSM165	2.213,40
SQE series 7 58 ÷ 150 l/m 52 ÷ 6 w.c.m.	SQE 7 - 15	0,42	PSM167	1.711,50
	SQE 7 - 30	0,84	PSM168	1.858,50
	SQE 7 - 40	1,27	PSM169	2.373,00

SQE pump completing accessories variable speed			
Description	Type	Code	€
Control unit	CU 301 1 x 230 V	EUN001	490,00
Expansion vessel	5 LITRI	FID030	52,00
Cable and pressure sensor	X CU 301	SPUN010	192,00
Remote control	R100	EAC001	390,00

HS Ø 4" 230 v single-phase submersible pumps variable speed				
Description	Type	Kw	Code	€
Hs series 8 ÷ 50 l/m 190 ÷ 25 w.c.m.	4HS-02/04	1,1	PMK006	1.829,05
	4HS-06/02	1,3	PMK004	1.738,09
	4HS-04/03	1,4	PMK001	1.781,09
	4HS-04/05	2,0	PMK002	2.254,06
	4HS-06/04	2,2	PMK005	2.206,10



HS series

Ø 4" submersible pumps with motor in oil bath ⁽¹⁾								
Description	Type	HP	Kw	µF ⁽²⁾		230V	400V	Only pump
4A series 5 ÷ 35 l/m 352 ÷ 16 w.c.m.	4A 005 N11	0,50	0,37	16	Code	PSSM050	PSST050	PCPS061
					€	446,25	435,75	216,30
	4A 007 N16	0,75	0,55	20	Code	PSSM051	PSST051	PCPS019
					€	498,75	478,80	258,30
	4A 010 N22	1,00	0,75	25	Code	PSSM052	PSST052	PCPS018
					€	569,10	550,89	320,25
	4A 015 N32	1,50	1,10	35	Code	PSSM053	PSST053	PCPS060
					€	696,15	674,10	422,10
	4A 020 N42	2,00	1,50	40	Code	PSSM054	PSST054	PCPS009
					€	869,40	830,55	540,75
	4A 030 N63	3,00	2,20	50	Code	PSSM055	PSST055	PCPS008
					€	1.172,85	1.130,85	761,25

⁽¹⁾ Pumps assembled with water wetted motor on request

⁽²⁾ Capacitors for monophasic motors (not included) on page 90



Submersible pumps
Ø 3"



Control unit
CU 301



Expansion vessel



Cable



Remote control



Submersible pumps
Ø 4"

PUMPS



Submersible pump
Ø 4"

Description	Type	HP	Kw	µF ⁽¹⁾		230V	400V	Only pump
4B series 5 ÷ 50 l/m 355 ÷ 15 w.c.m.	4B 005 N07	0,50	0,37	16	Code	PSSM060	PSST060	PCPS001
					€	389,55	389,55	170,93
	4B 007 N11	0,75	0,55	20	Code	PSSM061	PSST061	PCPS002
					€	442,05	423,15	202,53
	4B 010 N15	1,00	0,75	25	Code	PSSM062	PSST062	PCPS003
					€	480,90	462,00	232,70
	4B 015 N22	1,50	1,10	35	Code	PSSM063	PSST063	PCPS004
€					557,55	536,55	284,40	
4B 020 N30	2,00	1,50	40	Code	PSSM064	PSST064	PCPS005	
				€	697,20	658,35	369,16	
4B 030 N44	3,00	2,20	50	Code	PSSM065	PSST065	PCPS006	
				€	891,45	850,50	479,76	
4B 040 N60	4,00	3,00			Code	PSST066	PCPS007	
					€	1.179,15	642,08	
4D series 20 ÷ 70 l/m 355 ÷ 18 w.c.m.	4D 005 N05	0,50	0,37	16	Code	PSSM010	PSST010	PCPS010
					€	387,45	376,95	158,00
	4D 007 N07	0,75	0,55	20	Code	PSSM011	PSST011	PCPS011
					€	412,65	393,75	172,37
	4D 010 N10	1,00	0,75	25	Code	PSSM012	PSST012	PCPS012
					€	445,20	425,25	196,79
	4D 015 N15	1,50	1,10	35	Code	PSSM013	PSST013	PCPS013
					€	515,55	493,50	241,73
4D 020 N20	2,00	1,50	40	Code	PSSM014	PSST014	PCPS014	
				€	612,15	573,30	283,50	
4D 030 N30	3,00	2,20	50	Code	PSSM015	PSST015	PCPS015	
				€	789,60	747,60	377,77	
4D 040 N40	4,00	3,00			Code	PSST016	PCPS016	
				€	1.030,05	492,68		
4D 055 N54	5,50	4,00			Code	PSST017	PCPS017	
				€	1.356,60	616,21		
4E series 30 ÷ 90 l/m 286 ÷ 12 w.c.m.	4E 005 N04	0,50	0,37	16	Code	PSSM030	PSST040	PCPS053
					€	388,50	378,00	159,44
	4E 007 N06	0,75	0,55	20	Code	PSSM031	PSST041	PCPS062
					€	412,65	392,70	172,37
	4E 010 N08	1,00	0,75	25	Code	PSSM032	PSST042	PCPS054
					€	435,75	416,85	188,17
	4E 015 N12	1,50	1,10	35	Code	PSSM033	PSST043	PCPS055
					€	496,65	474,60	222,64
4E 020 N16	2,00	1,50	40	Code	PSSM034	PSST044	PCPS056	
				€	596,40	557,55	268,61	
4E 030 N24	3,00	2,20	50	Code	PSSM035	PSST045	PCPS057	
				€	762,43	720,30	350,48	
4E 040 N32	4,00	3,00			Code	PSST046	PCPS063	
				€	993,30	456,77		
4E 055 N44	5,50	4,00			Code	PSST047	PCPS064	
				€	1.321,95	581,74		
4F series 40 ÷ 150 l/m 310 ÷ 13 w.c.m.	4F 010 N06	1,00	0,75	25	Code	PSSM020	PSST020	PCPS020
					€	454,65	435,75	206,84
	4F 015 N09	1,50	1,10	35	Code	PSSM021	PSST021	PCPS021
					€	521,85	500,85	245,34
	4F 020 N12	2,00	1,50	40	Code	PSSM022	PSST022	PCPS022
					€	609,00	570,15	281,54
	4F 030 N18	3,00	2,20	50	Code	PSSM023	PSST023	PCPS023
					€	764,40	722,40	352,49
4F 040 N24	4,00	3,00			Code	PSST024	PCPS024	
				€	976,50	439,54		
4F 055 N34	5,50	4,00			Code	PSST025	PCPS025	
				€	1.222,20	596,11		
4F 075 N45	7,50	5,50			Code	PSST026	PCPS026	
				€	1.517,25	787,14		
4F 100 N60	10,00	7,50			Code	PSST027	PCPS027	
				€	1.920,45	965,27		
4H series 70 ÷ 200 l/m 224 ÷ 16 w.c.m.	4H 015 N06	1,50	1,10	35	Code	PSSM070	PSST030	PCPS030
					€	427,35	431,55	202,53
	4H 020 N08	2,00	1,50	40	Code	PSSM071	PSST031	PCPS031
					€	501,90	516,60	228,39
	4H 030 N12	3,00	2,20	50	Code	PSSM072	PSST032	PCPS032
					€	639,45	681,45	311,70
	4H 040 N16	4,00	3,00			Code	PSST033	PCPS033
€					879,90	343,30		
4H 055 N22	5,50	4,00			Code	PSST034	PCPS034	
				€	1.050,00	424,07		
4H 075 N30	7,50	5,50			Code	PSST035	PCPS035	
				€	1.268,40	527,73		
4H 100 N39	10,00	7,50			Code	PSST036	PCPS036	
				€	1.603,14	647,56		

⁽¹⁾ Capacitors for monophase motors (not included) on page 90



Description	Type	HP	Kw	µF ⁽¹⁾		230V	400v	Only pump
4L series 150 ÷ 350 l/m 131 ÷ 7 w.c.m.	4L 020 N05	2,00	1,50	40	Code	PSSM080	PSST080	PCPS040
					€	554,40	515,55	226,80
	4L 030 N07	3,00	2,20	50	Code	PSSM081	PSST081	PCPS041
					€	715,05	673,05	302,40
	4L 040 N10	4,00	3,00		Code		PSST082	PCPS042
					€		905,10	367,50
	4L 055 N14	5,50	4,00		Code		PSST083	PCPS043
					€		1.069,95	443,10
	4L 075 N19	7,50	5,50		Code		PSST084	PCPS044
					€		1.286,25	544,95
	4L 100 N25	10,00	7,50		Code		PSST085	PCPS045
					€		1.640,10	684,60

⁽¹⁾ Capacitors for monophase motors (not included) on page 90

Ø 5" Multi-stage submersible pumps ⁽¹⁾							
Description	Type	HP	Kw	µF ⁽²⁾	Code	€	
SC series without float switch 10 ÷ 80 lt/m 96 ÷ 9 w.c.m. single-phase	SC 007 N03	0,75	0,55	16	PSSC007	523,95	
	SC 010 N04	1,00	0,75	20	PSSC008	584,85	
	SC 015 N06	1,50	1,10	25	PSSC009	674,10	
	SC 020 N08	2,00	1,50	35	PSSC010	749,70	
SC series with float switch 10 ÷ 80 lt/m 96 ÷ 9 w.c.m. single-phase	SC 007 N03	0,75	0,55	16	PSSC015	571,20	
	SC 010 N04	1,00	0,75	20	PSSC016	642,60	
	SC 015 N06	1,50	1,10	25	PSSC017	714,00	
	SC 020 N08	2,00	1,50	35	PSSC018	785,40	
	Type	HP	Kw		Code	€	
SC series 10 ÷ 80 lt/m 96 ÷ 9 w.c.m. three-phase	SC 007 N03	0,75	0,55		PSSC057	523,95	
	SC 010 N04	1,00	0,75		PSSC058	584,85	
	SC 015 N06	1,50	1,10		PSSC059	670,95	
	SC 020 N08	2,00	1,50		PSSC060	749,70	
	Type	HP	Kw	µF ⁽²⁾	Code 230V	Code 400V	€
Serie SF 25 ÷ 200 lt/m 55 ÷ 10 w.c.m.	SF 010 N02	1,00	0,75	20	PSSF002	PSSF010	617,40
	SF 015 N03	1,50	1,10	25	PSSF003	PSSF011	702,45
	SF 020 N04	2,00	1,50	35	PSSF004	PSSF012	799,05
Float switch with 10 mt cable H07RNF						EGL900	126,00

⁽¹⁾ With 10 mt cable H07RNF standard and built-in thermal

⁽²⁾ Capacitors for monophase motors (not included) on page 90

Ø 6" submersible pumps with stainless steel jacket and water wetted motor								
	Type	HP	Kw	Code (eng.+pump)	€	Code (only pump)	€	
6B series 50 ÷ 250 lt/m 698 ÷ 27 w.c.m.	6B 030 N05/4 ⁽¹⁾	3,0	2,2	PSSM1000	1.177,59	PCPS500	683,55	
	6B 030 N05/4 ⁽¹⁾			PSST1000	1.251,18	PCPS539		
	6B 040 N06/4 ⁽¹⁾	5,5	4,0	PSST1001	1.463,24	PCPS501	723,45	
	6B 040 N07/4 ⁽¹⁾			PSST1006	1.506,33	PCPS514	769,65	
	6B 055 N08/4 ⁽¹⁾			PSST1003	1.652,05	PCPS503	766,02	
	6B 055 N09/4 ⁽¹⁾			PSST1004	1.693,78	PCPS504		
	6B 075 N12/4 ⁽¹⁾	7,5	5,5	PSST1005	1.995,08	PCPS505	1.015,35	
	6B 075 N12			PSST1100	2.562,08	PCPS534		
	6B 100 N15	10,0	7,5	PSST1101	2.839,77	PCPS506	1.277,85	
	6B 125 N18	12,5	9,2	PSST1102	3.103,26	PCPS507	1.370,25	
	6B 125 N21			PSST1103	3.320,02	PCPS508	1.601,25	
	6B 150 N24	15,0	11,0	PSST1104	3.556,30	PCPS509	1.754,55	
	6B 200 N30/SD	20,0	15,0	PSST1106	4.857,07	PCPS511	2.694,30	
	6B 250 N40/SD	25,0	18,5	PSST1107	5.655,33	PCPS512	3.073,35	
	6B 300 N45/SD	30,0	22,0	PSST1108	6.265,20	PCPS513	3.602,53	
	6D series 120 ÷ 300 lt/m 599 ÷ 30 w.c.m.	6D 040 N05/4 ⁽¹⁾	4,0	3,0	PSST1011	1.162,35	PCPS521	683,55
6D 055 N06/4 ⁽¹⁾		5,5	4,0	PSST1012	1.301,83	PCPS522	723,45	
6D 075 N07/4 ⁽¹⁾				PSST1013	1.447,95	PCPS523	769,65	
6D 075 N07		7,5	5,5	PSST1110	2.154,98	PCPS535		816,90
6D 075 N08/4 ⁽¹⁾				PSST1014	1.705,91	PCPS524		
6D 075 N08				PSST1111	2.198,83	PCPS536		
6D 075 N09/4 ⁽¹⁾				PSST1015	1.748,25	PCPS525	861,00	
6D 075 N09				PSST1112	2.241,16	PCPS537		
6D 100 N12				10,0	7,5	PSST1113	2.464,56	
6D 125 N15		12,5	9,2	PSST1114	2.760,53	PCPS527	1.215,90	
6D 150 N18		15,0	11,0	PSST1115	2.986,58	PCPS528	1.370,25	
6D 175 N21		17,5	13,0	PSST1116	3.489,32	PCPS529	1.601,25	
6D 200 N24		20,0	15,0	PSST1117	3.633,71	PCPS530	1.754,55	
6D 250 N30		25,0	18,5	PSST1118	4.085,05	PCPS531	2.106,30	
6D 300 N35/SD		30,0	22,0	PSST1119	5.360,04	PCPS532	2.838,15	
6D 400 N40/SD		40,0	30,0	PSST1120	6.374,21	PCPS533	3.073,35	

⁽¹⁾ With Ø 4" oil wetted motor



Submersible pump
Ø 4"



Submersible pump
Ø 5"



Submersible pump
Ø 6"



PUMPS



Submersible pump Ø 6"

Description	Type	HP	Kw	Code (eng.+pump)	€	Code (only pump)	€
6E series 200 ÷ 600 l/m 35 ÷ 2 w.c.m.	6E 020 N02/4 ⁽¹⁾	2,0	1,5	PSSM1020	997,50	PCPS546	601,65
	6E 020 N02/4 ⁽¹⁾			PSST1020	945,00		
	6E 030 N03/4 ⁽¹⁾	3,0	2,2	PSSM1021	1.068,90	PCPS547	661,50
	6E 030 N03/4 ⁽¹⁾			PSST1021	1.050,00		
6F series 200 ÷ 600 l/m 593 ÷ 11 w.c.m.	6F 040 N03/4 ⁽¹⁾	4,0	3,0	PSST1030	1.155,00	PCPS550	
	6F 050 N04/4 ⁽¹⁾	5,0	4,0	PSST1031	1.365,00	PCPS551	823,20
	6F 075 N06/4 ⁽¹⁾	7,5	5,5	PSST1032	1.603,35	PCPS552	847,35
	6F 075 N06			PSST1125	2.457,00		
	6F 100 N08	10,0	7,5	PSST1126	2.670,15	PCPS553	970,20
	6F 125 N10	12,5	9,2	PSST1127	2.927,40	PCPS554	1.108,80
	6F 150 N12	15,0	11,0	PSST1128	3.157,35	PCPS555	1.246,35
	6F 175 N14	17,5	13,0	PSST1129	3.360,00	PCPS556	1.370,25
	6F 200 N16	20,0	15,0	PSST1130	3.678,15	PCPS557	1.507,80
	6F 250 N20	25,0	18,5	PSST1131	4.276,65	PCPS558	1.908,90
	6F 300 N24	30,0	22,0	PSST1132	4.786,95	PCPS559	2.124,15
	6F 350 N28/SD	35,0	26,0	PSST1133	6.195,00	PCPS560	3.156,30
	6F 400 N32/SD	40,0	30,0	PSST1134	6.864,90	PCPS561	3.402,00
	6F 500 N40/SD	50,0	37,0	PSST1135	8.584,80	PCPS562	3.976,35
6H series 300 ÷ 800 l/m 400 ÷ 7 w.c.m	6H 040 N02/4 ⁽¹⁾	4,0	3,0	PSST1040	1.365,00	PCPS569	549,15
	6H 055 N03/4 ⁽¹⁾	5,5	4,0	PSST1041	1.543,50	PCPS570	661,50
	6H 075 N04/4 ⁽¹⁾	7,5	5,5	PSST1042	1.753,50	PCPS571	739,20
	6H 075 N04			PSST1140	2.349,90	PCPS572	
	6H 100 N05	10,0	7,5	PSST1141	2.500,05	PCPS573	801,15
	6H 125 N06	12,5	9,2	PSST1142	2.680,65	PCPS574	861,00
	6H 150 N08	15,0	11,0	PSST1143	2.913,75	PCPS575	1.000,65
	6H 175 N09	17,5	13,0	PSST1144	2.992,50	PCPS576	1.071,00
	6H 200 N10	20,0	15,0	PSST1145	3.373,65	PCPS577	1.140,30
	6H 250 N13	25,0	18,5	PSST1146	3.703,35	PCPS578	1.335,60
	6H 300 N16	30,0	22,0	PSST1147	4.184,25	PCPS579	1.377,20
	6H 350 N19	35,0	26,0	PSST1148	4.935,00	PCPS580	1.838,55
	6H 400 N22	40,0	30,0	PSST1149	5.467,35	PCPS581	2.004,45
	6H 500 N27/SD	50,0	37,0	PSST1150	6.756,75	PCPS582	2.148,63
6I series 400 ÷ 900 l/m 16 ÷ 5 w.c.m	6I 030 N02/4 ⁽¹⁾	3,0	2,2	PSSM1030	1.029,00	PCPS590	557,36
	6I 030 N02/4 ⁽¹⁾	3,0	2,2	PSST1050	1.029,00		
6L series 500 ÷ 1.100 l/m 232 ÷ 4 w.c.m.	6L 055 N03/4 ⁽¹⁾	5,5	4,0	PSST1060	1.480,50	PCPS599	
	6L 075 N04/4 ⁽¹⁾	7,5	5,5	PSST1061	1.575,00	PCPS600	642,60
	6L 100 N04	10,0	7,5	PSST1161	2.500,05	PCPS602	739,20
	6L 125 N06	12,5	9,2	PSST1162	2.557,80	PCPS605	861,00
	6L 150 N07	15,0	11,0	PSST1163	2.831,85	PCPS603	919,80
	6L 175 N08	17,5	13,0	PSST1164	3.045,00	PCPS609	1.000,65
	6L 200 N09	20,0	15,0	PSST1165	3.300,15	PCPS606	1.071,00
	6L 250 N12	25,0	18,5	PSST1166	3.643,50	PCPS607	1.277,85
	6L 300 N12	30,0	22,0	PSST1167	4.072,95	PCPS608	1.410,15
	6L 350 N15	35,0	26,0	PSST1168	4.725,00	PCPS610	1.530,90
	6L 400 N19	40,0	30,0	PSST1169	5.120,85	PCPS611	1.881,60
	6L 500 N22/S	50,0	37,0	PSST1170	6.892,20	PCPS612	2.283,75

(1) With Ø 4" oil wetted motor



Semi-axial Ø 6"

Semi-axial Ø 8"

Ø 6" Cast iron submersible semi-axial pumps with water wetted motor - three-phase - 400V							
Description	Type	HP	Kw	Code	€		
Capacity 600 ÷ 1.400 l/m	140REC66/03	7,5	5,5	PSSTG112	2.556,00		
	140REC66/04	10,0	7,5	PSSTG100	2.766,24		
	140REC66/05	12,5	9,2	PSSTG101	3.064,32		
	140REC66/06	15,0	11,0	PSSTG102	3.382,56		
	140REC66/07	17,5	13,0	PSSTG103	3.808,80		
	140REC66/08	20,0	15,0	PSSTG104	4.138,56		
	140REC66/09	25,0	18,5	PSSTG105	4.652,64		
	140REC66/10	25,0	18,5	PSSTG106	4.824,00		
	140REC66/11	30,0	22,0	PSSTG107	5.778,72		
	140REC66/12	35,0	26,0	PSSTG108	6.308,64		
	140REC66/13	35,0	26,0	PSSTG109	6.481,44		
	140REC66/15	40,0	30,0	PSSTG110	7.034,40		
	140REC66/18	50,0	37,0	PSSTG111	8.030,88		

Ø 8" Cast iron submersible semi-axial pumps with water wetted motor - three-phase - 400V							
Description	Type	HP	Kw	Code	€		
Capacity 600 ÷ 1.600 l/m	180REC78/02	15,0	11,0	PSSTG400	3.481,00		
	180REC78/03	20,0	15,0	PSSTG401	4.299,84		
	180REC78/04	30,0	22,0	PSSTG402	5.531,04		
	180REC78/05	35,0	26,0	PSSTG403	6.215,04		
	180REC78/06	40,0	30,0	PSSTG404	7.610,40		
	180REC78/07	50,0	37,0	PSSTG405	8.146,08		
	180REC78/08	60,0	44,0	PSSTG406	8.844,48		
	180REC78/10	75,0	55,0	PSSTG408	10.700,64		
	180REC78/13	90,0	66,0	PSSTG410	12.614,40		
	180REC78/14	100,0	75,0	PSSTG411	13.978,08		



► MOTORS FOR SUBMERSIBLE PUMPS WITH COOLING OIL Ø 4"

Power supply	HP	Kw	µf ⁽¹⁾	Type	Code	€
230V single-phase Ø 4"	0,50	0,37	16	S4MOM005	PMTM030	236,21
	0,75	0,56	20	S4MOM007	PMTM031	247,39
	1,00	0,75	25	S4MOM010	PMTM032	255,80
	1,50	1,10	35	S4MOM015	PMTM033	282,35
	2,00	1,50	40	S4MOM020	PMTM034	338,26
	3,00	2,20	50	S4MOM030	PMTM035	424,96
Power supply	HP	Kw		Type	Code	€
400V three-phase Ø 4"	0,50	0,37		S4MOT005	PMTT030	225,74
	0,75	0,56		S4MOT007	PMTT031	227,84
	1,00	0,75		S4MOT010	PMTT032	236,21
	1,50	1,10		S4MOT015	PMTT033	259,96
	2,00	1,50		S4MOT020	PMTT034	297,61
	3,00	2,20		S4MOT030	PMTT035	381,63
	4,00	3,00		S4MOT040	PMTT036	553,56
	5,50	4,00		S4MOT055	PMTT037	645,80
	7,50	5,50		S4MOT075	PMTT038	763,22
	10,00	7,50		S4MOT100	PMTT039	984,25

⁽¹⁾ Capacitors for monophase motors (not included) on page 90



Ø 4"
oil wetted

► SUBMERSIBLE PUMPS

230V - single - phase submersible drainage pump for clean water

Type	HP	Kw	Code	€
SGM 10	0,40	0,30	PSG700	300,30



SGM 10

230V - single - phase s/s submersible drainage pump for clean water

Type	HP	Kw	Code	€
SDG-Steel 37 (Tcw10)	0,5	0,37	PSG1070	394,49
	0,75	0,55	PSG1072	487,31
	1,0	0,75	PSG1071	551,57

Tcw 10 = Thermal protector, capacitor, vertical float switch and 10 mt cable



SDG

230V - single - phase submersible drainage pump for dirty water

Type	HP	Kw	Code	€
Watervortex 750	1,00	0,75	PSG1064	264,60



Watervortex

230V - single - phase submersible high pressure drainage pump for clean water

Type	HP	Kw	Code	€
SAP200 (TC SICM)	2,30	1,70	PSG253	1.108,49
SAP200 (TCG SICM)			PSG254	1.120,98

TC = thermal protector, capacitor; TCG = thermal protector, capacitor, float switch; SICM = 1 silicon carbide mechanical seal and 1 o-ring



SAP200

400V - three - phase submersible high pressure drainage pump for dirty water

Type	HP	Kw	Code	€
SAPN250 (TRG SICM)	2,30	1,70	PSG109	1.076,36
SAPN250 (TR SICM)			PSG111	1.063,86

TR = relé thermal protector; TRG = relé thermal protector and float switch; SICM = 1 silicon carbide mechanical seal and 1 o-ring

Type	HP	Kw	Code	€
SAPN250 (T 2SIC)	2,40	1,80	PSG597	2.181,27
SAPN300 (T 2SIC)	3,00	2,20	PSG598	2.359,77
SAPN400 (T 2SIC)	4,10	3,00	PSG596	2.997,02
SAPN550 (T 2SIC)	5,60	4,10	PSG347	3.193,37

T=thermal protector; 2SIC = 2 silicon carbide mechanical seal



SAPN



PUMPS



CKIT



C2KIT

► CENTRIFUGAL PUMPS

Description	Type	HP	Kw	Code	€
CKIT series built-in thermal protector - 1 impeller 20 ÷ 100 l/m - 31 ÷ 12,5 w.c.m	CKIT 60M	0,50	0,37	POR1040	284,00
	CKIT 100M	1,00	0,75	POR1041	356,00
C2KIT series 2 impellers 15 ÷ 180 l/m - 92,5 ÷ 36 w.c.m	C2KIT 150M	1,50	1,10	POR1042	595,00
	C2KIT 200M	2,00	1,50	POR1043	675,00
	C2KIT 200T ⁽¹⁾			POR1044	696,00
	C2KIT 300M	3,00	2,20	POR1045	888,00
	C2KIT 300T ⁽¹⁾			POR1046	755,00
	C2KIT 400T ⁽¹⁾	4,00	3,00	POR1047	1.252,00
	C2KIT 550T ⁽¹⁾	5,50	4,00	POR1048	1.387,00
C2KIT 750T ⁽¹⁾	7,50	5,50	POR1049	1.525,00	

⁽¹⁾ Three-phase



HMIT



HXIT



XJN

► SELF-PRIMING PUMPS

Description	Type	HP	Kw	Code	€
HMIT series multi-stage 10 ÷ 160 l/m - 72 ÷ 14 w.c.m	HMIT 380M	0,80	0,60	POR1050	391,00
	HMIT 4100M	1,00	0,75	POR1051	425,00
	HMIT 4150M	1,50	1,10	POR1052	616,00
	HMIT 5200M	2,00	1,50	POR1053	667,00
	HMIT 5200T ⁽¹⁾			POR1054	648,00
	HMIT 6300M	3,00	2,20	POR1055	896,00
HMIT 6300T ⁽¹⁾	POR1056			875,00	
HXIT series s/s multi-stage - 10 ÷ 135 l/m - 46 ÷ 16 w.c.m	HXIT 4100M	1,00	0,75	POR1057	721,00
XJN series s/s with built-in thermal protector 10 ÷ 50 l/m - 43 ÷ 7,6 w.c.m	XJN 80ITM	0,80	0,60	POR1058	458,00
	XJN 100ITM	1,00	0,75	POR1059	476,00

⁽¹⁾ Three-phase

► HORIZONTAL END-SUCTION CLOSE COUPLED (UNI 7467 - DIN 24255 - NF E44-111)

Description	Type	HP	Kw	Code	€
Series C32 100 ÷ 600 l/m - 62 ÷ 36 w.c.m	C32IT-160B	4,0	3,0	POT070	1.320,00
	C32IT-160A	5,5	4,0	POT071	1.304,00
	C32IT-200B	7,5	5,5	POT072	1.799,00
	C32IT-200A	10,0	7,5	POT073	1.938,00
Series C40 150 ÷ 700 l/m - 92 ÷ 21 w.c.m	C40 IT-160B	4,0	3,0	POT074	1.320,00
	C40IT-160A	5,5	4,0	POT075	1.353,00
	C40IT-200B	7,5	5,5	POT076	1.848,00
	C40IT-200A	10,0	7,5	POT077	1.958,00
	C40IT-250B	15,0	11,0	POT078	2.582,00
	C40IT-250A	20,0	15,0	POT079	3.638,00
Series C50 350 ÷ 1.300 l/m - 93 ÷ 11 w.c.m	C50IT-125B	4,0	3,0	POT080	1.287,00
	C50IT-160B	7,5	5,5	POT081	1.833,48
	C50IT-160A	10,0	7,5	POT082	1.956,24
	C50IT-200C	12,5	9,0	POT083	2.277,00
	C50IT-200B	15,0	11,0	POT084	2.568,72
	C50IT-200A	20,0	15,0	POT085	3.568,00
	C50IT-250B	25,0	18,5	POT086	3.883,00
	C50IT-250A	30,0	22,0	POT087	4.080,00
Series C65 700 ÷ 2.400 l/m - 56,5 ÷ 16 w.c.m	C65IT-160C	12,5	9,5	POT088	2.249,28
	C65IT-160B	15,0	11,0	POT089	2.546,00
	C65IT-200B	25,0	18,5	POT090	3.887,00
	C65IT-200A	30,0	22,0	POT091	4.105,00
Series C80 1.100 ÷ 3.200 l/m - 29,5 ÷ 14 w.c.m	C80IT-160D	15,0	11,0	POT092	2.706,00
	C80IT-160C	20,0	15,00	POT093	3.790,00



C SERIES

► FUEL CENTRIFUGAL PUMP MOTOR

Self-winding starter - Handle tubular base							
Type		Hp	Material	Suction	Delivery	Code	€
BC160	35170	5,5	Ghisa		2"	PMP060	1.741,00
	3140					PMP061	1.478,00



Self-winding starter
Handle tubular base

► DIESEL CENTRIFUGAL PUMPS MOTOR

Self-winding starter - Handle tubular base							
Type		Hp	Material	Suction	Delivery	Code	€
DC170	35170	4,7	Cast iron		2"	PMP063	2.534,40
	3140					PMP062	2.444,80
Self-winding starter - Handle trolley							
Type		Hp	Material	Suction	Delivery	Code	€
DC186	6190	10	Cast iron	60 mm	50 mm	PMP064	3.849,00
	4202					PMP065	3.796,00
	602					PMP066	4.646,40
	603			PMP067	5.145,60		
	35180			2"	PMP068	3.072,00	
	7180				PMP069		
Electrical starter 12 Volt, standard electrical panel, cables and battery - Handle trolley							
Type		Hp	Material	Suction	Delivery	Code	€
DC186E	6190	10	Cast iron	60 mm	50 mm	PMP070	4.878,00
	4202					PMP071	4.848,00
	602					PMP072	5.506,00
	603			PMP073	5.983,00		
	35180			2"	PMP074	4.192,00	
	7180				PMP075		



Self-winding starter
Handle tubular base

► FUEL SELF-PRIMING PUMPS

Self-winding starter - Handle tubular base								
Type		Hp	Material	Suction	Delivery	Code	€	
BA200	A3T	Dirty water	6,5		3"	PMP077	1.377,28	
BA160	A2	Low prevalence	Aluminium		2"	PMP078	512,00	
	A3				3"	PMP079	583,68	
	A17		Cast iron		2"	PMP080	1.561,60	
	A26				3"	PMP081	1.830,40	
BA240	A4	8,0	Aluminium		4"	PMP082	1.043,20	
	A42		Cast iron			PMP083	2.457,60	
BA200	A50	High prevalence	6,5	Aluminium	2"	1"	PMP084	691,20

► DIESEL SELF-PRIMING PUMPS

Self-winding starter - Handle tubular base								
Type		Hp	Material	Suction	Delivery	Code	€	
DA178	A3T	Dirty water	6,0		3"	PMP085	1.452,80	
DA170	A2	Low prevalence	Aluminium		2"	PMP086	1.064,96	
	A17					Cast iron	PMP087	2.301,44
	A26		3"		PMP088	2.611,20		
DA178	A3	6,0	Aluminium		3"	PMP089	1.187,84	
DA186	A4	10,0				4"	PMP090	1.497,60
DA178	A50	High prevalence	6,0	Aluminium	2"	1"	PMP091	1.306,88
	A402				1"1/2	1"	PMP092	1.523,20
Self-winding starter - Handle trolley								
Type		Hp	Material	Suction	Delivery	Code	€	
DA186	A45	Low prevalence	10	Cast iron	4"	PMP093	3.980,00	
Electrical starter 12 Volt, standard electrical panel, cables and battery - Handle trolley								
Type		Hp	Material	Suction	Delivery	Code	€	
DA186E	A45	Low prevalence	10	Cast iron	4"	PMP094	5.029,00	



Electrical starter
Handle trolley

PUMPS



Single channel impeller trolley pumps



Multi channel impeller trolley pumps



Trolley Base with connection



Diaphragm self-priming pump



Drainage centrifugal trolley pumps



Electrogen group GPE



Spherical diaphragm water supply plants

► TROLLEY PUMPS

Single channel impeller trolley pumps - rpm 540 speed power ⁽¹⁾						
Type	Hp tractor power	rpm speed power pump	Suction	Delivery	Code	€
CA2	79035	15	4.000	2"	POM002	1.400,00
	7907	20			POM001	1.366,40
Multi channel impeller trolley pumps - rpm 540 speed power ⁽¹⁾						
Type	Hp tractor power	rpm speed power pump	Suction	Delivery	Code	€
CA120	520F	85	100 mm	65 mm	POM019	2.951,20
	570F	100			POM020	
	630F	110			POM021	
CA125	520C4	100	125 mm	80 mm	POM016	3.292,80
	570B4	120			POM017	
	570A4	130			POM018	
CA552	537B	45	65 mm	55 mm	POM011	3.046,40
	537A				POM010	
CA652	537B2	70	80 mm	65 mm	POM013	3.371,20
	537A2	75			POM012	
CA822	520SF	70	100 mm	65 mm	POM022	3.931,20
	570SF	90			POM023	

⁽¹⁾ From 541 to 900 r.p.m. speed power available on request

Trolley pumps accessories		
Description	Code	€
Trolley	ZVR005	1.140,00
Base with three-point connection without winch	ZVR101	960,00
Base with three-point connection with winch	ZVR024	1.870,00
Diaphragm self-priming pump	PAM001	123,60

► DRAINAGE CENTRIFUGAL TROLLEY PUMPS ON REQUEST

► SCM SERIES PUMPS MOTOR

Type	Model		Suction	Delivery	Code	€	
	Engine	Pump					
SCM085	30/OR	F32MNS	DN125	DN100	GMP016	18.968,26	
SCM090		NEF45MSAA			MEC AZH4/100A	GMP004	20.682,51
SCM110	10/OR	NEF45MSSA	DN150	DN125	GMP001	23.943,77	
	30/OR				MEC MR100/2H	GMP002	25.267,78
	30/FL		MEC MG100/2H	GMP013	25.393,21		
	60/OR		MEC MR 80-1/3A	DN80	DN80	GMP014	25.881,01
SCM120	10/OR	NEF67MSA	DN150	DN125	GMP017	25.128,41	
	40/OR		MEC MR80.4/3B	DN100	DN80	GMP018	24.961,17
SCM160	10/OR	NEF45MSTA20	MEC AZRBH4/125C	DN150	DN125	GMP045	29.239,83
SCM200	20/OR	NEF67MSTD23	MEC MR 125/2E	DN125	DN100	GMP046	33.142,19
			MEC MR 100/2A			GMP023	31.288,57
			MEC MG 100/2A			GMP024	31.414,00
SCM220	05/OR	NEF67MNTA20	MEC AZRBH4/125A	DN150	DN125	GMP025	33.825,10
10/OR	MEC MR 125/2E	GMP026	42.201,24				
SCM250	30/OR	NEF67ENTA20	MEC MR 100-2/3D	DN125	DN100	GMP027	44.737,77
	30/FL		MEC MG100-2/3D			GMP028	44.974,70

► ELECTROGEN GROUPS GPE ON PAGE 92

► SPHERICAL DIAPHRAGM WATER SUPPLY PLANTS PATENTED CE ITALY

Type	Positioning	Capacity liters	Code	€
SZ - 24 SP	Vertical	24	FID060	73,50
SZ - 60 VERT		60	PAT158	249,90
SZ - 100 VERT		100	PAT160	435,75
SZ - 200 VERT		200	PAT161	718,20
SZ - 300 VERT		300	PAT162	892,50
SZ - 500 VERT		500	PAT164	1.344,00
SZ - 750 VERT		750	PAT165	3.360,00
SZ-60 HOR	Horizontal	60	PAT200	215,25
SZ-100 HOR		100	PAT201	349,65
SZ-200 HOR		200	PAT202	591,15
SZ-300 HOR		300	PAT300	756,00
Check valve and pressure gauge kit			PAC052	46,20

Butyl food interchangeable spheric diaphragm water supply plants - body painted by epoxy paint

► VESSELS, TANKS AND JARS FOR DRINKING WATER

Horizontal tanks			
Type	Capacity liters	Code	€
CON 300	300	OSB100	206,00
CON 2000	2.000	OSB105	802,69
CON 3000	3.000	OSB110	1.178,27
CON 5000	5.000	OSB115	1.693,77
CON 10000	10.000	OSB116	6.253,55



CON

Underground tanks			
Type	Capacity liters	Code	€
INVSV1500	1.500	OSB842	1.038,00
INVSV 3000	3.000	OSB844	1.853,00
INVSV 4000	4.000	OSB845	2.051,00
INVSV 5000	5.000	OSB847	2.743,17
INVSV 6000	6.000	OSB848	3.129,80
INCON 2000	2.000	OSB830	1.484,00
INCON 3000	3.000	OSB831	2.139,00



INVSV

INCON

Cylindrical tanks			
Type	Capacity liters	Code	€
PAN 2000	2.000	OSB753	678,75
PAN 3000	3.000	OSB754	843,19
PAN 5000	5.000	OSB755	1.362,37



PAN

Vertical tanks			
Type	Capacity liters	Code	€
NSV 100	100	OSB400	164,00
NSV 300	300	OSB401	204,00
NSV 3000	3.000	OSB407	974,00
NSV 4000	4.000	OSB408	1.251,93



NSV

Mix tanks			
Type	Capacity liters	Code	€
MIX120	120	OSB889	150,00
MIX325	325	OSB990	286,00
MIX550	550	OSB991	386,00
MIX1070	1.070	OSB992	755,00



MIX

Jars			
Type	Capacity liters	Code	€
ORCIO 200	200	OSB900	236,00
ORCIO 300	300	OSB901	272,00
ORCIO 500	500	OSB902	364,00
ORCIO 1000	1.000	OSB905	488,00



ORCI

N.B: other models of tanks available on request per dimensions/capacity

ADAPTORS FOR TANKS WITH GAS THREAD M E F					
Type	Tank connection	Gas thread	Code	€	
Adaptor for tank	S60 x 6 (60mm, distance between thread 6 mm)	1"	Male	RAT100	16,00
			Female	RAT101	



Adaptor

► HANSEN LEVELLER VALVES
ON PAGE 62



PUMPS

► OXYGENATOR AND FLOATING WATER GAMES FOR LAKES



Splash series				
Type	Power supply	l/m	Code	€
Splash	Single-phase	2.000	OKT027	1.386,00
	Three-phase		OKT024	
	Single-phase	3.200	OKT028	1.555,00
	Three-phase		OKT025	
	Single-phase	3.100	OKT040	1.694,00
Three-phase	OKT045			
Protection for Splash	Open		OKT070	283,00
	Closed		OKT071	



Brio series				
Type	Power supply	Hp	Code	€
Brio	Three-phase	0,5	OKT250	1.598,00
	Single-phase		OKT251	
	Three-phase	1,0	OKT252	1.680,00
	Single-phase		OKT253	



Force 7 series				
Type	Power supply	Hp	Code	€
Force 7	Single-phase	1,0	OKT254	1.534,00
	Three-phase		OKT255	
	Single-phase	2,0	OKT256	1.621,00
	Three-phase		OKT257	



Rio Bravo series				
Type	Power supply	Hp	Code	€
Rio Bravo	Single-phase	1,0	OKT258	4.803,00
	Three-phase		OKT259	

Rio Grande series				
Type	Power supply	Hp	Code	€
Rio Grande	Single-phase	2,0	OKT260	5.010,00
	Three-phase		OKT261	



Sprint series				
Type	Power supply	Hp	Code	€
Sprint	Single-phase	1,0	OKT262	1.804,00
	Three-phase		OKT263	
	Single-phase	2,0	OKT264	1.951,00
	Three-phase		OKT265	
Sprint 220V light set with timer		Single-phase	OKT266	1.754,00



Combo series				
Type	Power supply	Code	€	
Combo	Brio 1 hp + Force 7/1	Three-phase	OKT267	2.954,00
	Rio 1 hp + Force 7/2		OKT268	6.100,00
	Rio 2 hp + Force 7/1		OKT269	6.307,00
	Rio 2 hp + 2 Force 7/2		OKT270	7.120,00

► ELECTRICAL CONTROL EQUIPMENT



Vanguard				
Type	Power supply	HP max	Code	€
VANGUARD 230V VM50-200	Single-phase 230V	2,00	EQVM50-200	262,50
VANGUARD 380V VT50-400	Three-phase 400V	4,00	EQVT50-400	357,00
VANGUARD 380V VT1000		10,00	EQVT1000	420,00



QEL series (control equipment) - 400V three-phase ⁽¹⁾				
Type	Power supply	HP	Code	€
QEL-M	Single-phase 230V	0,50 ÷ 3,0	EQE520	204,00
QEL-T	Three-phase 400V	0,75 ÷ 7,5	EQE526	323,00

⁽¹⁾ Dry-running protection included (probes not included)

SA series (boxes zip) - 230V single-phase ⁽¹⁾				
For 4" submersible pumps				
Type	Amper	Capacitor	Code	€
SA 0,5 4A 16	4	16	ESA001	51,50
SA 0,75 6A 20	6	20	ESA010	52,60
SA 1 8A 25	8	25	ESA020	56,70
SA 1,5 12A 35	12	35	ESA053	55,80
SA 2 16A 40	16	40	ESA040	60,00
For 5" submersible pumps				
Type	Amper	Capacitor	Code	€
SA 0,75 6A 16	6	16	ESA054	53,60
SA 1 8A 20	8	20	ESA055	
SA 1 10A 30	10	30	ESA056	55,70
SA 1,5 10A 30	10		ESA057	
SA 2 14A 35	14	35	ESA058	60,00

⁽¹⁾ Capacitor and amperometric protection included



SA

EQE M series (electromechanical panels) - 230V single-phase							
Type	HP	Kw		G	H	GMP	HMP
EQE M 0,5	0,50	0,37	Code	EQEM-G/M0,5	EQEM-H/M0,5	EQEM-G/MP0,5	EQEM-H/MP0,5
			€	770,00	854,00	770,00	988,75
EQE M 0,75	0,75	0,55	Code	EQEM-G/M0,75	EQEM-H/M0,75	EQEM-G/MP0,75	EQEM-H/MP0,75
			€	770,00	854,00	770,00	988,75
EQE M 1	1,00	0,75	Code	EQEM-G/M1	EQEM-H/M1	EQEM-G/MP1	EQEM-H/MP1
			€	770,00	854,00	770,00	988,75
EQE M 1,5	1,50	1,10	Code	EQEM-G/M1,5	EQEM-H/M1,5	EQEM-G/MP1,5	EQEM-H/MP1,5
			€	770,00	854,00	770,00	988,75
EQE M 2	2,00	1,50	Code	EQEM-G/M2	EQEM-H/M2	EQEM-G/MP2	EQEM-H/MP2
			€	825,00	915,00	824,00	1.048,08
EQE M 3	3,00	2,20	Code	EQEM-G/M3	EQEM-H/M3	EQEM-G/MP3	EQEM-H/MP3
			€	825,00	915,00	824,00	1.048,08

G = pump protection + control unit automatic remote control - H = G + automatic refilling - GMP = G + MP (minimum pressure protection) - HMP = H + MP (minimum pressure protection)

N.B.: D and F type available (G and H cheap version), prices on request



EQE M - H

EQE T series (electromechanical panels) - 400V three-phase							
Type	HP	Kw		G	H	GMP	HMP
EQE T 0,5	0,50	0,37	Code	EQEM-G/T0,5	EQEM-H/T0,5	EQEM-G/MPT0,5	EQEM-H/MPT0,5
			€	751,45	832,00	1139,00	1320,00
EQE T 0,75	0,75	0,55	Code	EQEM-G/T0,75	EQEM-H/T0,75	EQEM-G/MPT0,75	EQEM-H/MPT0,75
			€	751,45	832,00	1139,00	1320,00
EQE T 1	1,00	0,75	Code	EQEM-G/T1	EQEM-H/T1	EQEM-G/MPT1	EQEM-H/MPT1
			€	751,45	832,00	1139,00	1320,00
EQE T 1,5	1,50	1,10	Code	EQEM-G/T1,5	EQEM-H/T1,5	EQEM-G/MPT1,5	EQEM-H/MPT1,5
			€	751,45	832,00	1139,00	1320,00
EQE T 2	2,00	1,50	Code	EQEM-G/T2	EQEM-H/T2	EQEM-G/MPT2	EQEM-H/MPT2
			€	751,45	832,00	1139,00	1320,00
EQE T 3	3,00	2,20	Code	EQEM-G/T3	EQEM-H/T3	EQEM-G/MPT3	EQEM-H/MPT3
			€	751,45	860,50	1139,00	1320,00
EQE T 4	4,00	3,00	Code	EQEM-G/T4	EQEM-H/T4	EQEM-G/MPT4	EQEM-H/MPT4
			€	751,45	860,50	1139,00	1320,00
EQE T 5,5	5,50	4,00	Code	EQEM-G/T5,5	EQEM-H/T5,5	EQEM-G/MPT5,5	EQEM-H/MPT5,5
			€	751,45	860,50	1139,00	1320,00
EQE T 7,5	7,50	5,50	Code	EQEM-G/T7,5	EQEM-H/T7,5	EQEM-G/MPT7,5	EQEM-H/MPT7,5
			€	770,00	987,00	830,55	1.067,85
EQE T 10	10,00	7,50	Code	EQEM-G/T10	EQEM-H/T10	EQEM-G/MPT10	EQEM-H/MPT10
			€	810,78	987,00	909,65	1.067,85
EQE T 12,5	12,50	9,20	Code	EQEM-G/T12,5	EQEM-H/T12,5	EQEM-G/MPT12,5	EQEM-H/MPT12,5
			€	810,78	987,00	909,65	1.067,85
EQE T 15	15,00	11,00	Code	EQEM-G/T15	EQEM-H/T15	EQEM-G/MPT15	EQEM-H/MPT15
			€	1.086,00	1.026,00	909,65	1.067,85
EQE T 25	25,00	18,00	Code	EQEM-G/T25	EQE-H/T25	EQEM-G/MPT25	
			€	1.465,00	1.500,00	1.584,00	

G = pump protection + control unit automatic remote control - H = G + automatic refilling - GMP = G + MP (minimum pressure protection) - HMP = H + MP (minimum pressure protection)

N.B.: D and F type available (G and H cheap version), prices on request



EQE M - G

► WE REALIZE ANY TYPE OF ELECTRICAL PANEL CUSTOM



PUMPS



Variable speed kit

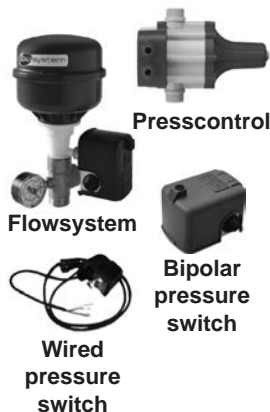
VARIABLE SPEED KIT				
Description	Power supply	Code	€	
200 lt variable speed kit	230V single-phase	8,5 A	KVV004	2.070,00
		11 A	KVV002	2.380,00
		14 A	KVV005	2.510,00
	380V three-phase	7,5 A	KVV003	3.170,00
		13,5 A	KVV006	3.600,00



Inverter Vacon

INVERTER VACON 100 FLOW				
Description	Kw	Hp	Code	€
Inverter Vacon 100 Flow series	1,1	1,5	EIV214	1.142,35
	1,5	2,0	EIV215	1.239,50
	2,2	3,0	EIV216	1.336,65
	3,0	4,0	EIV205	1.463,95
	4,0	5,0	EIV217	1.638,15
	5,5	7,5	EIV203	1.845,85
	7,5	10,0	EIV207	2.197,60
	11,0	15,0	EIV208	2.673,30
	15,0	20,0	EIV218	3.205,95
	18,5	25,0	EIV219	3.772,10
	22,0	30,0	EIV220	4.224,35

► PRESSURE AND FLOW BOOSTING PLANTS CONTROL



Presscontrol

Flowsystem

Bipolar pressure switch

Wired pressure switch

Type	Code	€		
Flowsystem	EPS175	108,00		
Type	Pressure control set	Code	€	
Presscontrol	1,2	EPS100	112,00	
	2,2	EPS101	115,00	
	3,0	EPS102	118,00	
	2,2 automatic reset	EPS105	124,00	
Type	Working pressure bar	Code	€	
Bipolar pressure switch	SFSG 2	1.4 ÷ 2,8	EPS002	21,00
	SFYG 22	6 ÷ 8	EPS003	45,00
	SFYG 32	8 ÷ 10,5	EPS051	49,00
Type	Code	€		
Wired pressure switch with mt 0,5 cable HO5RN-F with forks or Shuko plug PS9C	EPS006	20,00		

► ELECTRICAL ACCESSORIES



Capacitor

CAPACITORS OR SINGLE-PHASE MOTORS	
Capacitor µF	€
16 ÷ 25	9,00
35 ÷ 50	14,00



Cable H07 RN-F

H07 RN_F Neoprene submersible pumps power supply cable			
Type	Voltage	Code	€
3 x 1 mm ²	400V T	CVN001	2,20
3 x 1,5 mm ²		CVN002	2,55
3 x 2,5 mm ²		CVN003	3,51
4 x 1,0 mm ²	230V M	CVN016	2,78
4 x 1,5 mm ²		CVN012	3,15
4 x 2,5 mm ²		CVN010	4,46
4 x 4,0 mm ²		CVN008	6,41
4 x 6,0 mm ²		CVN011	9,05
4 x 10,0 mm ²		CVN019	15,55
4 x 16,0 mm ²		CVN023	23,17
4 x 25,0 mm ²		CVN017	35,00



Electrical cables watertight junction kit

Electrical cables watertight junction kit ⁽¹⁾		
Type mm ²	Code	€
4 X 1 - 2,5	EKIT001	26,60
4 X 4 - 6	EKIT003	39,90
4 X 4 - 10	EKIT005	48,88
4 X 4 - 16	EKIT007	58,19



Electrical cables assembled watertight junction

Electrical cables assembled watertight junction ⁽¹⁾	
Type mm ²	€
4 x 1 - 4 x 1,5 - 4 x 2,5	77,25
4 x 4	87,55
4 x 6 - 4 x 10	122,57
4 x 16	175,10
4 x 25	254,14

⁽¹⁾ Watertight junctions for different cable size on request

Level control dry-running		
Description	Code	€
Control dry-running with 3 probes kit	ESN100	238,56
Level probe	ESN001	20,44
24 -240V AC level relay	ERL205	150,00



Level probe



Relè

Float switches			
Mt cable	Cable coating	Code	€
2	Neoprene (on the request also in PVC)	EGL011	17,10
5		EGL012	22,10
10		EGL013	32,15
15		EGL014	38,48



Float switches

► BORE-HOLE ACCESSORIES

PVC wellheads - cable glands included		
Ø external	Hole	€
2" ÷ 4"	1" ÷ 2"	80,00
125 mm ÷ 180 mm	2" ÷ 3"	180,00
200 mm	4"	201,62



PVC wellheads

Iron clamps/hole-bore wood support pump	
Ø	€
1" ÷ 2"	55,00
3" ÷ 6"	79,00



Iron clamps/hole-bore wood support pump

► PVC BAR SUPPLY HOSE FOR SUBMERSIBLE PUMPS AVAILABLE ON REQUEST



► COLD WATER COUNTER

Alfa series			
Type	Ø	Code	€
Superdry Alfa	1/2"	FCA090	35,70
	3/4"	FCA091	45,90



Superdry Alfa

Beta series					
Type	Ø	Without emitter		With emitter K=10 ⁽¹⁾	
		Code	€	Code	€
Superdry Beta	1/2"	FCA009	64,00	FCA609	114,24
	3/4"	FCA010	76,50	FCA610	127,50
	1"	FCA008	115,30	FCA613	166,26
	1" 1/4	FCA011	143,00	FCA611	193,80
	1" 1/2	FCA012	232,00	FCA615	282,54
	2"	FCA015	312,00	FCA614	363,12
	2" FL	FCA018	290,00	FCA612	337,62



Superdry Beta

Tangential series					
Type	Ø	Without emitter		With emitter K=100 ⁽²⁾	
		Code	€	Code	€
Tangential	50	FCA600	265,00	FCA622	333,20
	65	FCA601	275,00	FCA616	343,40
	80	FCA602	306,00	FCA617	374,00
	100	FCA603	367,00	FCA618	435,20
	125	FCA604	398,00	FCA619	465,80
	150	FCA605	490,00	FCA620	557,60
	200	FCA606	602,00	FCA621	669,80



Tangential

⁽¹⁾ Available on request K=0,25/0,5/1/2,5/5/100

⁽²⁾ From DN50 to DN125 K=100/1.000 - From DN150 K=1.000/10.000

PUMPS

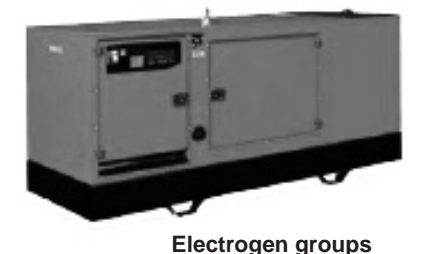
► FIRE FIGHTING SYSTEMS AND ACCESSORIES



Description	Type	€
Pressurisation boosting plant	SGP - A	ON REQUEST
	SGP - B	
	SGP - C	
Fire hydrant box with multieffect flexible hose		
Pillar hydrant with pump motor connection		
Foot hydrant		
Manhole cover hydrant		
Operating key for pillar hydrant		
Threaded connection underground fire hydrant		
One output connection underground fire hydrant		
Operating key for underground hydrant		
2 hydrant threde delivery port plant		

NB: available on request the realization of projects for customized installations

► ELECTROGEN GROUPS



Description	Type	€
30kva - 24kw supersilent generator with electronical panel control	GPE	ON REQUEST

► **POLYPROPYLENE HIGH DENSITY PIPE PE 100**
[UNI EN 12201-UNI EN ISO 15494-ISO TR10358-UNI EN 1622]

PN10 - SDR 17			PN12,5 - SDR 13,6			PN16 - SDR 11				PN25 - SDR 7,4								
Ø	Code	Mt	€	Code	Rolls mt	€	Code	Rolls mt	€	Code	Bars mt	€	Code	Rolls mt	€	Code	Bars mt	€
20	TPE501	100 (rolls)	0,56	TPE530 ⁽¹⁾	100	0,68	TPE510	100	0,74				TPE540	100	1,06			
25	TPE502		0,76	TPE531		0,94	TPE512		1,11			TPE541	1,55					
32	TPE503		1,20	TPE532		1,42	TPE513		1,73	TPE550	1,86	TPE542	2,40		TPE570	2,61		
40	TPE471		1,82	TPE533		2,16	TPE514		2,64	TPE551	2,93	TPE543	3,65		TPE571	4,07		
50	TPE472		2,83	TPE534		3,29	TPE515		4,01	TPE552	4,47	TPE544	5,69		TPE572	6,32		
63	TPE473		4,53	TPE535		5,21	TPE516		6,36	TPE553	7,05	TPE545	8,93		TPE573	9,92		
75	TPE474		6,60	TPE536		8,25	TPE517		9,14	TPE554	8,87	TPE546	14,11		TPE574	12,69		
90	TPE475		9,47	TPE537		11,89	TPE518		13,28	TPE557	12,87	TPE547	20,23		TPE575	18,22		
110	TPE476		14,70	TPE538		17,51	TPE519		19,62	TPE556	19,04	TPE548	30,28		TPE576	27,24		
125	TPE477		16,71							TPE520	24,69				TPE577	35,05		
140	TPE478	20,97					TPE521	30,78			TPE578	44,02						
160	TPE479	26,54					TPE522	39,15			TPE579	57,25						
180	TPE480	35,61					TPE567	52,58			TPE580	74,61						
200	TPE481	41,36					TPE524	61,05			TPE581	89,54						
225	TPE482	55,72					TPE525	82,07										
250	TPE483	64,29					TPE526	95,02										
315	TPE485	102,27					TPE527	150,72										
400	TPE486	12 (bars)	164,48															

⁽¹⁾Not expected by the rule EN 12201 - Others diameters Ø 630 mm and pipe PN 6 SDR 26 (Ø mm da 160 a 630) available on request.

► **LOW DENSITY PE PIPE**
[UNI 7990 2004]

PN4			PN6			
Ø	Code	Rolls mt	€	Code	Rolls mt	€
16	TPE020	300	0,46	TPE103	300	0,51
				TPE101	100	0,51
20	TPE021	200	0,65	TPE049	100-200	0,68
25	TPE043		0,82	TPE054		1,03
32	TPE045		1,17	TPE047		1,67
40	TPE046		1,86	TPE053		2,56
50	TPE022		2,82	TPE056		3,90
63	TPE057	100	4,37	TPE063	100	6,15
75	TPE041		6,90	TPE029	9,59	
90	TPE042		10,01	TPE082	13,76	
110	TPE080		50	14,90	TPE083	50

► **LOW DENSITY WHITE PIPE PE**

Ø	Code	PN	Rolls mt	€
16	TPE1011	3	500	0,53
20	TPE1012		300	0,66
20	TPE1012-S	4	200	0,65
25	TPE1013-S		100	0,82
32	TPE1014-S			1,17
63	TPE1017-S			4,37
20	TPE1005-S	6	200	0,68
25	TPE1006		100	1,03
32	TPE1007			1,69
63	TPE1010			6,15



Low density white pipe PE



Polypropylene pipes

► **POLYPROPYLENE PE 80 GAS PIPE**
[UNI EN 1555-2]

MOP 3 - S 8,3				MOP 5 - S 5					
Ø	Code	Bars mt	€	Code	Rolls mt	€	Code	Bars mt	€
20				TPG005 ⁽¹⁾	100	1,06			
25				TPG006 ⁽¹⁾		1,35			
32				TPG002		1,79	TPG030	6	1,93
40				TPG003		2,57	TPG031	2,87	
50				TPG001	4,08	TPG032	4,52		
63				TPG004	50-100	6,41	TPG033	7,13	
75				TPG007	9,20	TPG034	8,65		
90	TPG107	6-12	8,82	TPG008	50	13,27	TPG035	12,48	
110	TPG108		13,02	TPG009		19,62	TPG036	18,87	
125	TPG109		16,66				TPG037	23,98	
140	TPG110		20,86				TPG038	6-12	31,71
160	TPG111		26,35				TPG039	40,37	
180	TPG112		34,50				TPG040	52,58	
200	TPG113		41,10				TPG041	62,90	

⁽¹⁾ On request - Others diameters until Ø 400 mm

PIPES



Mini-roll

► RAIN BIRD MINI ROLLS DISTRIBUTION PIPE FOR MICROIRRIGATION

Ø	Colore	Code	Mt	€	Colore	Code	Mt	€
16	Black	TPE112	1 x 100	34,70	Brown	TPE115	1 x 100	49,60

► MICROPIPE

The micro-pipe for drippers, aspersion and hydraulic control is described on page 26



Micro-pipe for drippers

► WRINKLED PASSECABLE PIPE DOUBLES WALL [CEI EN 50086-2-4/A1 (CEI 23-46)]

Rolls				
Ø	Code	Mt	€	
40	TVR007	50	0,92	
50	TVR008		1,11	
63	TVR002		1,44	
75	TVR009		1,71	
90	TVR003		2,43	
110	TVR050		3,03	
125	TVR051		3,79	
160	TVR053		6,01	
200	TVR054		25	10,54



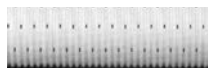
Wrinkled passecable pipe doubles wall

► DRAIN PIPE

Ø	DOUBLES WALL PEAD			PVC			COVERED PVC		
	Code	Mt	€	Code	Mt	€	Code	Mt	€
50				TDR002	240	1,41	TDR011	200	2,86
63	TDR530	50	1,52						
65				TDR003	150	1,96	TDR012	150	3,94
75	TDR531	50	1,88						
80				TDR005	100	2,81	TDR013	100	5,30
90	TDR532	50	2,56						
100				TDR006	50	3,79	TDR014	50	7,75
110	TDR533	50	3,19						
125	TDR534		3,98	TDR007	50	6,24			
160	TDR536		6,31	TDR009	50	11,26			
200	TDR537		25	11,08	TDR008	40	16,52		



Wrinkled drain pipe doubles wall



Drain naked pipe



Drain coconut pipe

► SPIRAL PIPE FOR SUCTION⁽¹⁾

Ø	Code	Roll mt.	€/mt	€/Roll
20	TSP010	50	3,52	175,86
25	TSP001		4,12	206,02
32	TSP009		4,88	244,06
40	TSP004		6,95	347,54
50	TSP005		9,36	468,18
60	TSP011		11,73	586,50

⁽¹⁾ See pumps discount



Spiral pipe for suction

► HARD PVC PRESSURE PIPE IN RODS MT. 6 [UNI EN 1452]

Ø	PN6 SDR 33		PN10 SDR 21		PN16 SDR 13,6	
	Code	€	Code	€	Code	€
32			TRE001	1,11	TRE170	1,57
40	TRE149	1,22	TRE002	1,51	TRE171	2,25
50	TRE046	1,64	TRE003	2,37	TRE172	3,47
63	TRE022	2,52	TRE004	3,67	TRE048	5,53
75	TRE021	3,46	TRE005	5,25	TRE169	7,84
90	TRE010	4,84	TRE006	6,89	TRE080	20,28
Ø	PN6 SDR 41		PN10 SDR 26		PN16 SDR 17	
	Code	€	Code	€	Code	€
110	TRE045	5,77	TRE007	8,35	TRE050	12,61
125	TRE011	7,55	TRE009	10,74	TRE020	16,08
140	TRE150	9,46	TRE016	13,55	TRE173	20,19
160	TRE151	12,25	TRE012	17,76	TRE174	26,35
180	TRE152	14,26	TRE160	22,14	TRE175	33,37
200	TRE153	18,76	TRE013	27,46	TRE176	41,20
225	TRE154	23,73	TRE060	34,50		
250	TRE155	29,77	TRE008	42,82		



PVC pipes

N.B.: the tube section has a different discount than the rest of the price list, check the conditions before the order



► BROWN DRIP LINE

Heavy drip line GR						
Description	Code	Spac.cm	Flow rate l/h	Roll mt	€meter	€roll
Brown drip line GR (Ø 16 - thickness mm 1 - 39 mils)	TAG568	30	2,0	25	0,38	9,50
	TAG564	30		50		19,00
	TAG561	30		100		38,00



Heavy dripline GR

Pressure compensated drip line							
Description	Code	Spac.cm	Flow rate l/h	Roll mt	€meter	€roll	
Pressure compensated drip line PC2 brown (thickness Ø 16 - mm 1,1 - 43 mils)	TAG555	30	2,2	50	0,68	34,00	
	TAG556	40			0,63	31,50	
	TAG551	30		100	0,65	65,00	
	TAG552	40			0,60	60,00	
	TAG557	30			400	0,59	236,00
	TAG558	40				0,54	216,00
RAIN BIRD XF pressure compensated drip line - thickness mm 1,2 - 48 mils ⁽¹⁾	TAG543	33	2,3	25	0,81	20,20	
	TAG544			50	0,75	37,40	
	TAG545			100	0,72	71,60	
	TAG546			200	0,71	141,20	
	TAG547			50	100	0,60	60,00



Pressure compensated dripline PC2 brown



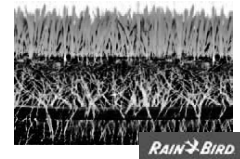
RAIN BIRD XF pressure compensated dripline

Pressure compensated micro-dripline						
Description ⁽¹⁾	Code	Spac.cm	Flow rate l/h	Roll mt	€meter	€roll
Pressure compensated micro-dripline LDQ Ø 1/4"	TAG541	15	3,0	30	0,83	25,00
	TAG542	30			0,60	17,90



Micro-dripline

Pressure compensated dripline for sub-irrigation						
Description ⁽¹⁾	Code	Spac.cm	Flow rate l/h	Roll mt	€meter	€roll
Brown pressure compensated dripline RAIN BIRD XFS Ø 16 Thickness mm 1,2 - 48 mil	TAG549	33	2,3	100	0,99	99,20



pressure compensated dripline RAIN BIRD XFS with copper

N.B: brown dripline with COVERING in BLACK polyester in polyester - price on request

N.B: you can find air releases and other components for sub-irrigation on page 35



Connectors for dripline						
Description ⁽¹⁾	Code	Spac.cm	Ø pipe	Roll mt	€roll	
Connectors QF with fittings for dripline Ø 16mm prefilled on pipe Ø 25mm	TAG539	30	25mm	30	129,00	
	TAG540	40			111,60	

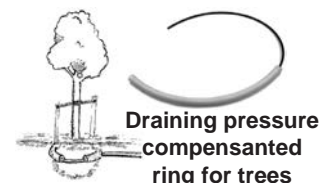
⁽¹⁾ See Rain Bird discount



Connectors for dripline

► ACCESSORIES

Draining pressure compensated ring for trees						
Description	Code	Color	Flow rate l/h	N° dripp.	Box	€
Draining pressure compensated ring for trees (Ø 50 x 1,5 mt)	TDR210	White	6,9	3	1	9,17
	TDR245	Yellow	9,2	4		9,35
	TDR250	Red	11,5	5		10,71

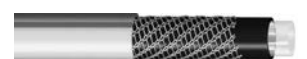


Draining pressure compensated ring for trees

Twist-proof and frost-proof pipe					
Description	Code	Ø pipe mm	Pipe mt	Box	€
STANDARD twist-proof and frost-proof pipe (PVC 3 layer)	OTG032	15 (5/8")	15	1	18,65
	OTG033		25		30,82
	OTG034		50		61,60
	OTG036	19 (3/4")	87,46		
	OTG038	25 (1")	139,15		
Long lasting twist-proof and frost-proof pipe (PRV 5 layer)	OTG053	15 (5/8")	15	1	28,64
	OTG054		25		47,70
	OTG055		50		95,00
	OTG057	19 (3/4")	138,00		
	OTG059	25 (1")	204,00		

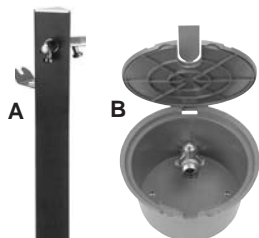


STANDARD twist-proof and frost-proof pipe



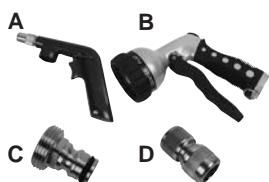
Long lasting twist-proof and frost-proof pipe

LANDSCAPE

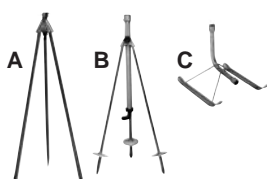


Supports for taps garden						
Description	Code	Height cm	Clamps	Fig.	Box	€
Column in alluminium with tap	OCL020	130	1/2" fil. M	A	1	215,42
Valve box with tap	OPZ400			B		18,00
Replacement cover for valve box	OPZ401					4,20

Available hose taps on page 33



Gardening accessories						
Description	Code	Ø mm	Material	Fig.	Box	€
Emitters without fitting	OPI002		Alluminium	A	1	28,92
7 functions Comfort emitters	OPI003		Metal	B		21,93
M threaded hose	FPS001	3/4"	Brass	C		3,07
Fitting for pipe	FPS002	16/19		D		9,40



Adjustable and fixed columns and galvanised riser						
Description	Code	Ø	Cm	Fig.	Box	€
F threaded column riser with fixed tips	ACL005	1/2"	H 50-70	A	1	19,43
	ACL003	3/4"	H 50-70			23,15
M threaded column riser with adjustable tips	ACL004	1"	H 100	B		38,67
F threaded riser	OST049	1"		C		39,14

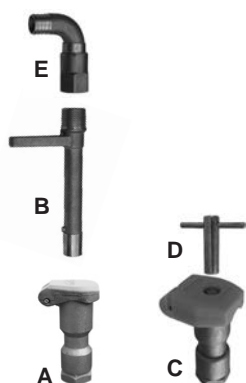
N.B.: brass irrigators to match with columns and risers pointed above on page 26



PE key and hydrant

PE key and hydrant					
Description	Code	Ø	Clamp	Box	€
Threaded demountable hydrant ⁽¹⁾	FIP001	3/4"	M	5	16,56
	FIP002	1"			
Key hydrant	FCH010		3/4"		6,78

⁽¹⁾ Purple cover for waste water on request



Swing checkhose hydrant and brass keys						
Description	Code	Ø	Clamp	Fig.	Box	€
Valve	Valve SV 3/4"	3/4"	F	A	1	23,75
	Valve SV 1" ⁽¹⁾	1"				43,69
	Valve SV 1 1/2"	1 1/2"				112,08
	Key for SV and BT 3/4"	3/4"	F/M	B		11,40
	Key for SV 1" ⁽¹⁾	1"				19,00
	Key for SV 1 1/2"	1 1/2"				69,00
Hydrant Valve BT	Valve BT Lock with cover and lock	3/4"	F	C	25,00	
		1"			48,00	
	Valve BT	1"		A	42,00	
	Key x BT 1"	1"		B	19,00	
	Bt Lock	closer key		D	6,30	
Pivoting elbow to insert on key	3/4"	3/4"	F/PG	E	14,36	
	1"	1"			19,69	
	1 1/2"	1 1/2"			45,71	

⁽¹⁾ While stock lasts



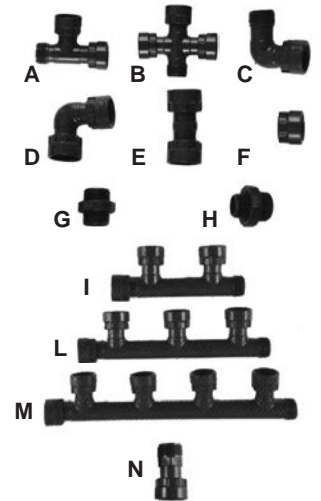
Light series

Light synthetic resin valve box				
Description	Code	Mm	Box	€
Circular mini	OPZ040	Ø 213 x h 230	1	5,08
Circular	OPZ041	Ø 300 x h 250		8,40
Rectangular	OPZ042	380 x 510 x h 300		22,49
Rectangular Maxi	OPZ043	500 x 640 x h 300		38,59

► FITTINGS

DURA swivel fitting in PVC							
Description	Code	Ø	Clamp	Fig.	Box	€	
Tee	OAC050	1"	F/F/M	A	25	6,88	
Cross	OAC054		F/F/F/M	B	15	9,15	
Elbow	OAC051		M/F	C	25	5,87	
	OAC053		F/F	D		6,50	
Coupling	OAC052		F/F	E	50	4,87	
Cap	OAC055		F	F	25	1,48	
Nipple	OAC056		M/M	G		1,60	
Reducing Nipple	OAC057		1" x 3/4"	H		1,78	
Manifold	2 outputs		OAC062	F/F/F/M	I	1	13,45
	3 outputs		OAC061	F/F/F/F/M	L		20,17
	4 outputs	OAC060	F/F/F/F/M	M	26,82		
Union	OAC058		M/F	N	25	4,32	

DURA fittings



DURA joints					
Description	Code	Clamps	Lenght cm	Box	€
Vandal resistant joint ⁽¹⁾	OAC035	1/2"			22,40
	OAC036	3/4"			34,15
	OAC085	1"			62,46
Flexible straight joint	OAC042	1/2"M x elbow 1/2"M	45	1	8,46
	OAC041	1/2"M x elbow 3/4"M			8,40
	OAC040	3/4"M x elbow 3/4"M			
4 pieces joint	OAC096	1"	30		49,51
	OAC098		45		54,87
	OAC097	1"1/2	30		79,62
	OAC038		45		84,97

⁽¹⁾ See Toro discount

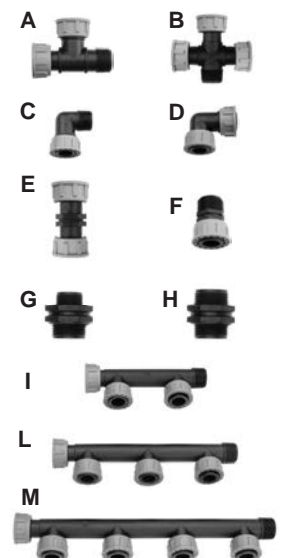
DURA joints

Flexible straight joint



4 pieces joint

Swivel fitting in PVC and Polypropylene							
Description	Code	Ø	Clamp	Fig.	Box	€	
Black tee in PP	SRTF001	1"	F/F/M	A		3,45	
	SRTF010	1"1/2				10,34	
	SRTF011	2"				14,66	
Black cross in PP	SRCR001	1"	F/F/F/M	B		4,56	
Black elbow in PP	SRGO004	1"1/2	M/F	C	1	2,30	
	SRGO005					8,10	
	SRGO006	2"	F/F	D		11,00	
	SRGO001	1"				2,88	
	SRGO002	1"1/2				10,50	
	SRGO003	2"				14,66	
Black coupling in PP	SRMF003	1"	M/F	F		2,90	
	SRMF004					1,95	
	SRMF005	1"1/2	7,01				
	SRMF006	2"	9,51				
Reducing nipple in PP with o-ring	SRNP002	1" x 3/4"	M	G		1,11	
Nipple in PP with o-ring	SRNP003	1"	M	H		1,53	
	SRNP004	1"1/2				2,40	
	SRNP005	2"					
Black fitting in PVC	2 outputs	SRTF002	F	I	5	7,50	
	3 outputs	SRTF003				L	10,90
	4 outputs	SRTF004				M	14,19



► SPRINKLERS



Spray ⁽²⁾						
Description	Nozzle	Rad. max mt	Code	Body cm	Box ⁽¹⁾	€
Rain Bird spray heads UNI-spray series	15-VAN	4,6	OIS221	10	50	3,10
	10-VAN	3,1	OIS222			
	12-VAN	3,7	OIS223			
	15-VAN	4,6	OIS224			
	18-VAN	5,5	OIS225			
	408-HEVAN		OIS232			
	410-HEVAN		OIS233			
	412-HEVAN		OIS234			
	415-HEVAN		OIS235			
	418-RVAN	4,0-5,5	OIS237			
424-RVAN	5,2-7,3	OIS238			9,80	
	Pop-Up Spray Head		OIS226			1,90
Rain Bird 1804 spray heads			OIS202	15	75	2,90

Medium radius data sprinklers ⁽²⁾			
Description	Code	Box ⁽¹⁾	€
3504-PC (40-360°) full or part circle reversal rotation - 2,0 preinstalled nozzle	OID890	20	12,60
Description	Code	Box ⁽¹⁾	€
5004 PC/3.0 (40-360°) full or part circle; preinstalled nozzle size 3.0; 5 nozzle trees included	OID902	20	13,70
5004 Plus-PC/3.0 (40-360°) full or part circle; preinstalled nozzle size 3.0	OID904		16,70
5004 Plus-FC Y45010 full circle (360°)	OID905		

► SPORTS AREA SPRINKLERS

Description	Code	Box	€
RAIN BIRD sprinklers 8005 Pop Up series with threaded connect F Ø1 ⁽²⁾	with plastic spigot	1	86,90
	with plastic s/s covered spigot		106,90
Description	Code	Box	€
Playground sprinklers -F threaded ø2"	AIR093	1	1.081,00
Description	Code	Box	€
Sportgun sprinklers - F threaded ø1 1/2"	AIR091	1	569,60
Description	Code	Box	€
RAIN BIRD sprinklers Eagle ⁽²⁾ series	Eagle 900 full circle	1	365,30
	Eagle 950 part circle		413,10

⁽¹⁾ Unpackaged sprinklers on request

N.B.: You can find Pop-Up sprinklers VP3 and Triton on page 105

► IRRIGATION CONTROLLER AND ACCESSORIES

Monosector irrigation computer ⁽²⁾				
Description	Code	Fig.	Box	€
RAIN BIRD WP-1 kit with valve JTV 9V DC	OPG254	A	1	122,00
KIT Rain Bird WPX-DV	OPG450	B		
KIT Rain Bird WPX-1 without valve	OPG451	C		
Tap Timer Rain Bird	OPG289	D		

Multisector irrigation computer ⁽²⁾							
Name	Use	Stations	Model	Code	Fig.	Box	€
LNK Wi-Fi module int			F55001	OPG521	E	1	121,30
ESP-RZXe - WIFI compatible	outdoor	8	F55358	OPG520	F		186,90
		6	F55356	OPG519			153,50
		4	F55354	OPG518			133,30
	indoor	8	F55328	OPG517			113,00
		6	F55326	OPG516			95,70
			F55324	OPG515			84,80
Controller ESP-Me	outdoor	4	F55120	OPG247	G		211,90
ESP-Me WIFI enabled panel Int.			639392	OPG522			96,50

⁽²⁾ See Rain Bird discount

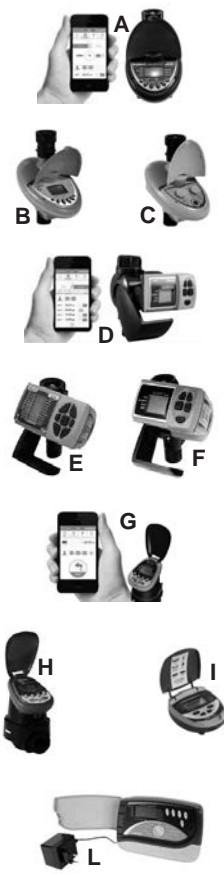
⁽³⁾ Necessary for module LNK for the ESP-Me controllers if bought before 2018

Expansion stations system				
Description	Code	Fig.	Box	€
System expansion module - 1 cable - 2 valves	OVA190	A	1	88,33

► GALCON CONTROLLERS



Battery operated programmable weatherproof controller with inline valve								
Description	Programming	Ø inline valve	Item	Code	Fig.	Box	€	
9001 series	smartphone bluetooth	3/4"	9001BT	OPG239	A	1	63,66	
	digital		9001D	OPG248	B		56,22	
	simplified		9001EZ	OPG238	C		70,73	
11000 series	smartphone bluetooth		11000BT	OPG237	D		1	56,22
	simplified		11000EZ	OPG236	E			122,43
	digital		11000L	OPG214	F			106,41
7100 series	smartphone bluetooth	1"	7101BT	OPG231	G	1	122,43	
	digital		7101D	OPG215	H		106,41	
	smartphone bluetooth		7101BT	OPG232	G		122,43	
	digital		7101D	OPG217	H		106,41	



Waterproof battery operated control for 1, 2, 4 irrigation zones (valves) + one master valve (no solenoid)						
Description	Stations	Item	Code	Fig.	Box	€
6100 series (i9p68) - 9V DC	1	61012 DC-1	OPG213	I	1	114,42
	2	61022 DC-2	OPG212			117,85
	4	61042 DC-4	OPG211			121,28

Residential indoor irrigation controller for 4, 8 irrigation zones (valves) + one master valve (transformer included)						
Description	Stations	Item	Code	Fig.	Box	€
8100 series - 230 V AC	4	GQ8104 AC4	OPG201	L	1	80,91
	8	GQ8108 AC8	OPG203			91,70

► RESIDENTIALTELEMANAGEMENT SYSTEM SAMCLA - SMARTHOME

NEW



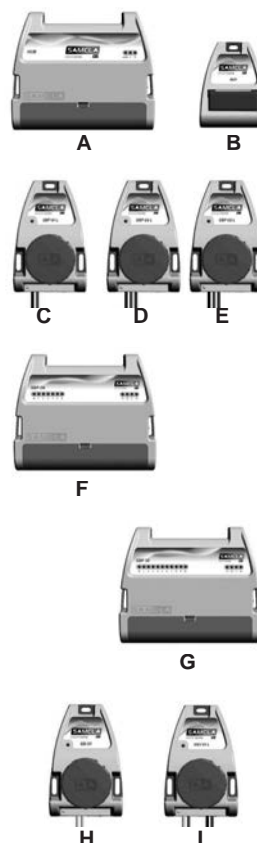
Device Hub Wi-Fi/Rf						
Description	Code	Model	Fig.	Box	€	
Hub Wi-Fi/Rf	OPG391	HUB222A8H	A	1	388,60	

Device Rf Relay						
Description	Code	Model	Fig.	Box	€	
Rf Relay	OPG392	REP006A8H	B	1	232,00	

Device Samclabox controller							
Description	Stations	Power supply	Code	Model	Fig.	Box	€
Controller Samclabox	1	9V CC	OPG393	SBP010A8H	C	1	274,92
	2		OPG394	SBP020A8H	D		300,44
	4		OPG395	SBP040A8H	E		274,92
	6	24V AC	OPG398	SBP172A8H	F		346,84
	10		OPG399	SBP1B2A8H	G		374,68

Samclabox Switch						
Description	Code	Model	Fig.	Box	€	
Samclabox Switch	OPG397	SBI010A8H	H	1	274,92	

Samclabox Water Meter						
Description	Code	Model	Fig.	Box	€	
Samclabox Water Meter	OPG396	SBV110A8H	I	1	274,92	



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SAMCLA

► **TELEMANAGEMENT SYSTEM SAMCLA - SMARTPRO**

Management Software

Description	Code	Model	Box	€
Software Samcla Smartpro Full	OPG432	WEB010	1	REQ.
Annual connectivity cost per Hub	OPG434	CON020		



L

Hub concentrator Unit

Description	Code	Model	Fig.	Box	€
GPRS concentrator modem + RF module + Rain sensor	OPG435	HUB002A8	L	1	REQ.



M

Weather station

Description	Code	Model	Fig.	Box	€
Weather station - wind sensor + temperature sensor	OPG436	MET214A8	M	1	REQ.



N

RF Relay

Description	Code	Model	Fig.	Box	€
Rf Relay	OPG437	REP006A8	N	1	REQ.



O

Samclabox programmeur

Description	Code	Model	Fig.	Box	€
Samclabox programmeur	OPG443	SBV110A8	O	1	REQ.



P

Q

Samclabox Controller

Description	Stations	Power supply	Code	Model	Fig.	Box	€
Samclabox Controller	1	9V CC	OPG438	SBP010A8	P	1	REQ.
	2		OPG439	SBP020A8	Q		
	4		OPG440	SBP040A8	R		
	4 + MV	24V AC	OPG441	SBP052A8	S		



R

S

Wall mounting box for Samclabox

Description	N° Samclabox to install	Code	Model	Box	€
Wall mounting box for Samclabox	2	OPG445	ARM002VO	1	REQ.
	3	OPG446	ARM003VO		
	5	OPG447	ARN005VO		
	7	OPG448	ARM007VO		



T

Samclabox Relay

Description	Code	Model	Fig.	Box	€
Samclabox Relay	OPG442	SBI014A8	T	1	REQ.



U

Scrinster console for the management in the field

Description	Code	Model	Fig.	Box	€
Scrinster console for the management in the field	OPG444	CNS600A8	U	1	REQ.

N.B.: water counters with emitters on page 91

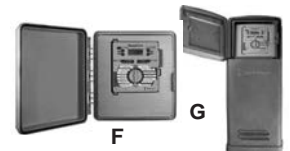
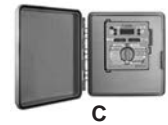


► WEATHERMATIC PRODUCTS

NEW

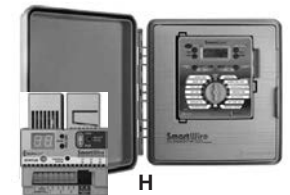


Controllers Proline							
Description	Zo.	Max expandable zones	Code	Item	Fig.	Box	€
Proline INDOOR	4	8	OPG220	E-PL800-ITA (EU plug)	A	10	145,00
		16	OPG221	E-PL1600-ITA (EU plug)	B	5	242,00
Proline OUTDOOR	20	non expandable	OPG222*	E-PL1620-ITA (EU plug)	B	1	570,00
	24	non expandable	OPG223*	E-PL1624-ITA (EU plug)			712,00
	12	48	OPG224	E-PL4800-ITA (EU plug)	C		870,00
	Aircard for Proline with 5 years Serviceplan included			OPG225			B



Controllers Smartline							
Description	Zo.	Max expandable zones	Code	Item	Fig.	Box	€
Smartline INDOOR	4	8	OPG190	E-SL800-ITA (EU plug)	D	10	171,00
Smartline OUTDOOR	4	16	OPG191	E-SL1600-ITA (EU plug)	E	5	299,00
		20	non expandable	OPG189*	E-SL1620-ITA (EU plug)	F	712,00
	12	48	OPG192	E-SL4800-ITA (EU plug)	900,00		
	N. of zones like above + plastic pedestal			OPG193	E-SL4800PE-PED	G	1
Controller monocable	48	non expandable	OPG226	SL9600TW	H	1	2.041,00
	96	non expandable	OPG227	SLM16DM			3.556,00

Module for controller Proline and Smartline							
Description	Zo.	Controller	Code	Item	Fig.	Box	€
Module	+2	800	OPG195	SLM2	I	20	27,00
	+4	1600	OPG196	SLM4	L		53,50
	+12		4800	OPG198	SLM12-1600	M	10
				OPG197	SLM12-4800		



Smartwire monocable system for Proline and Smartline							
Description	Zo.	Controller	Code	Item	Fig.	Box	€
Decoder SmartWire	24	1600/4800	OPG200*	SLM24DM	H	1	841,50
	48	1600/4800	OPG340	SLM48DM			1.300,00
Decoder with straight line protection	1		OPG341	SLM48DM	N	1	176,00
	2		OPG342	SLDEC1			299,00
	4		OPG343	SLDEC2			438,00
Lighting coverage			OPG351	SLDEC4	O		131,00

Smartline Solar							
Description	Zones	Code	Item	Fig.	Box	€	
Controller SL SOLAR	48	OPG228	SLSOLAR48	P	1	14.941,00	
Controller SL SOLAR monocable		OPG229	SLSOLAR48TW				
Controller SL SOLAR	96	OPG230	SLSOLAR96TW				17.600,00



Enclosures							
Description	Code	Item	Fig.	Box	€		
Pedestal in stainless steel for controller 4800 and 9600	OAC225	SLPED-4800	Q	1	1.670,00		



Weather stations for Smartline							
Description	Code	Item	Fig.	Box	€		
Wired Weather station 10mt	OPG348	SLW1	R	10	233,00		
Wireless Weather station 2.4GHz	OPG349	SLW15	S		517,00		



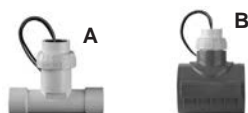
Sensors for Smartline and Proline							
Description	Code	Item	Fig.	Box	€		
Wired Rain Sensor Pioggia 6mt	OSN015	420GLS	T	1	37,00		
Wired Rain/Freeze Sensor 6mt	OSN016	420LS			114,00		
Wireless Rain/Freeze Sensor	OSN017	RFS5	S		149,50		



* While stocks lasts



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Flow Sensor						
Description	Ø	Code	Item	Fig.	Box	€
Flow sensor in PVC	1"	FCA820	E-SLFSI-T10	A	1	641,00
	1 1/2"	FCA821	E-SLFSI-T15			659,00
	2"	FCA822	E-SLFSI-T20			677,00
Saddle Type Flow sensor	3"	FCA823	SLFSI-S30	B	1	1.207,00
	4"	FCA824	SLFSI-S40			1.258,00
Brass Tee Type Flow sensor	1 1/2"	FCA825	SLFSI-B15	C	1	1.755,00

Smartlink wireless landscape network						
Description		Code	Item	Fig.	Box	€
SmartLink Aircard with 1 year services included		OPG345	E-SL-AIRCARD1	D	1	1.245,00
	+ FLOW	OPG352	E-SL-AI-RCARDFLOW1F	E		1.518,00

Additional Service Plan						
Description		Code	Item		Box	€
1 Year Service Plan SmartLink		SLPLAN1	SL-PLAN1		1	REQ.
1 Year SmartLink plus Flow		SLPLAN1F	SL-PLAN1F			

Accessories and spare parts for Smartlink						
Description	cable m.	Code	Item	Fig.	Box	€
SmartLink Aircard Standard Antenna		OPG354	SL-ANT	F	1	46,70
3dBi Gain Antenna with 3 foot cable and ground plane	1	OPG355	SL-HIGHGAIN-ANT-WB-3	G		810,30
3dBi Gain Antenna with 3 foot cable		OPG356	SL-HIGHGAIN-ANT-WOB-3			476,00
3dBi Gain Antenna with 20 foot cable and ground plane	6	OPG357	SL-HIGHGAIN-ANT-WB-20			936,00
Halfwave cellular dual band antenna		OPG346	SL-BLADE-ANTENNA	H		237,00

24V AC c/FlowControl valves							
Description	Ø	PN	Code	Item	Fig.	Box	€
Nitro Series Valve	1"	10	OVA019	N-100F-ISO-H	I	20	23,15
			OVA013	12024EF-10-I-SO-H	L	24	28,50
Silver Bullet Series Valve	1 1/2"	OVA014	12024EF-15-I-SO-H	12		72,50	
	2"	OVA015	12024EF-20-I-SO-H	8		98,80	
Black Bullet Series Valve	1"	14	OVA020	21024E-10D-ISO		M	24
	1 1/2"		OVA022	21024E-15D-ISO	12		99,70
	2"		OVA024	21024E-20D-ISO	8		139,00
Black Max Series Valve	1"	OVA026	11024FCR-10D-ISO	24	148,00		
	1 1/2"	OVA028	11024FCR-15D-ISO	12	196,00		
	2"	OVA030	11024FCR-20D-ISO	8	272,00		
Bronze Bullet Series Valve	1"	16	OVA147	8200CR-10D-ISO	N	1	380,74
	1 1/4"		OVA149	8200CR-12D-ISO		1	446,50
	1 1/2"		OVA151	8200CR-15D-ISO		1	500,17
	2"		OVA153	8200CR-20D-ISO		1	687,34
	2 1/2"		OVA155	8200CR-25D-ISO		1	1.232,21
	3"		OVA157	8200CR-30D-ISO		1	1.471,06



Rotors						
Description	Code	Item	Fig.	Box	€	
T1 Series 1/2"	OID785	T1			18,87	
T3 Series 3/4"	T3 PART. 3/4" c/set 14 nozzles	OID800	T3	A	20	17,80
	T3 FULL Check-Valve 3/4" c/set 14 nozzles	OID801	T3-36			30,66
	T3 PART. Check-Valve INOX 3/4" c/set 14 nozzles	OID806	T3SS			53,75
	T3 FULL Check-Valve INOX 3/4" c/set 14 nozzles	OID807	T3SS-36			62,19
CT70 Series 1"	CT70 PARZ. Check-Valve 1" c/set 5 nozzles	OID846	CT70-ISO	B		57,88
	CT70 FULL Check-Valve 1" c/set 5 nozzles	OID847	CT70-36-ISO			66,98
	CT70 FULL Check-Valve INOX 1" c/set 5 nozzles	OID851	CT70-36SS-ISO			83,74



Spray heads							
Description	Code	Item	Fig.	Box	€		
LX Series without nozzles	OIS029	LX3	C	50	2,81		
MAX Series without nozzles	MAX 4P	OIS030	MAX4		D	8,72	
	MAX 6P	OIS031	MAX6		E	14,58	
	MAX 12P	OIS032	MAX12	F	2,49		
Accessories	Riser extension 6P for LX	OIS059	MAX-EXT	G	100	1,87	
	MAXS Shrub Adapter 1/2"	OIS060	MAXS	H			
FIXED ARC Nozzles for Series LX and MAX	8F 360°	U445		I	25	1,78	
	8H 180°	U446					
	8T 120°	U447					
	8Q 90°	U448					
	10F 360°	U449					
	10H 180°	U450					
	10T 120°	U451					
	10Q 90°	U452					
	12F 360°	U453					
	12H 180°	U454					
	12T 120°	U455					
	12Q 90°	U456					
	15F 360°	U457					
	15H 180°	U458					
	15T 120°	U459					
	15Q 90°	U460					
ADJUSTABLE ARC Nozzles for Series LX and MAX	Strip 15EST	U461		L		1,84	
	Strip 15CST	U462					
	Strip 15SST	U463					
	Strip 9SST	U464					
	8A 2,4 mt	U465	E8A				
BUBBLER Nozzles	10A 3,0mt	U466	E10A	M	10	2,96	
	2A 3,7 mt	U467	E12A				
	15A 4,6 mt	U468	E15A				
	17A 5,2 mt	U469	E17A				
	Adjustable Bubbler with screw fitting	U470	133				
BUBBLER Nozzles	Adjustable Bubbler with screw	U471	102	N		2,68	
	Pressure-compensating Bubbler 120 lt/h	U472	106-50				
	Pressure-compensating Bubbler 240 lt/h	U473	106-100				
							7,72



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Self-propelled sprinklers

► SELF-PROPELLED SPRINKLERS FOR SPORTING AREAS

Description	Code	Model	Ø mm	Pipe mt	Box	€
Piston with accessories	OIR045	SR S300	32	90	1	2.777,60
	OIR046	SR S404	40	130		4.480,00
Turbine with accessories	OIR047	SR 405	40	130		5.568,00
	OIR048	SR 505	50	170		7.299,20

N.B.: You can find self-propelled sprinkler Irriwalker on page 105

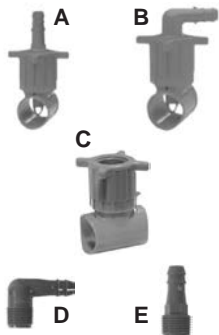
► SPRINKLERS ACCESSORIES



Scarabelli warning flags				
Description	Color	Code	Box	€
Flag cm 10 x 12	White	OBA015	100	0,41
	Silver	OBA016		
	Yellow	OBA017		



Fitting					
Description	Clamps	Code	Fig.	Box	€
PFE extensible extension	3/4" M x 1/2"-3/4" M	OAC100	A	40	3,12
(15 cm) cut-off fitting	1/2" M x 1/2"-3/4" M	OAC013	B	25	0,77
	3/4" M x 3/4" M	OAC006	C		0,84
Easy pipe male adaptor	16/17 x 1/2" M	SOAC026	D	1	0,25
	16/17 x 3/4" M	SOAC027			
Male elbow adaptor 90°	16/17 x 1/2" M	SOAC024	E		
	16/17 x 3/4" M	SOAC025			



Quick clamp saddles					
Description	Ø mm	Code	Fig.	Box	€
Straight easy pipe output clamp saddle	25	RPS980	A	10	4,40
	32	RPS981			
Elbow easy pipe output clamp saddle	25	RPS990	B		4,47
	32	RPS991			
Clamp saddle	25 x 1/2"	RPS994	C		3,98
	25 x 3/4"	RPS993			
	32 x 1/2"	RPS995			
	32 x 3/4"	RPS996			
Elbow adaptor	1/2" M x 16	SOAC100	D	0,41	
Male adaptor		SOAC101	E		
Elbow adaptor	3/4" M x 16	SOAC102	D		
Male adaptor		SOAC103	E		



MP nozzles
Rotator
Hunter

M/F low power consumption multi-stream universal nozzles				
Description	Angles		Box	€
Multi-stream nozzles ⁽¹⁾	mp1000	90°-210° e 360°	10	Req.
	mp2000	90°-210° e 360°		
	mp3000	90°-210° e 360°		
	Cornet/Side			

⁽¹⁾ Please, specify type, angle size, radius data and thread in the purchase order

► **PERROT REGNERBAU CALW PRODUCTS**



Self-propelled sprinklers for sporting areas					
Description	Coverage mt		Code	Box	€
	Width	Length			
Irriwalker with ZE-30w	28 ÷ 36	120	OIR002	1	2.040,00

Sprinklers for sporting areas										
Description	Model	Coverage	Conn.	n° nozzles	Max casting range in mt.	Code	Box	€		
Pop-up sprinkler Hydra series	XS	hydraulic full circle	1" F	1	19,0	OID720	1	163,00		
		hydraulic part circle				OID721		196,00		
	M	hydraulic full circle	1 1/2 F	3 - 4	31,5	OID724		351,09		
		hydraulic part circle				OID725		384,54		
	2-M	24 VAC full circle	1 1/2 F	3 - 4	31,5	OID728		424,00		
		24 VAC part circle				OID729		454,00		
	M	hydraulic full circle with sod cap	1 1/2 F	3 - 4	31,5	OID726		438,87		
		hydraulic part circle with sod cap				OID727		472,31		
	2-M	24 VAC full circle for synthetic lawn	1 1/2 F	3 - 4	31,5	OID728S		424,00		
		24 VAC part circle for synthetic lawn				OID729S		454,00		
	Pop-up sprinkler series Triton-L		hydraulic full circle	2 - 3	2 - 3	38,0		OID029	1	422,03
			hydraulic part circle					OID030		459,00
24 VAC part circle			OID028				706,00			
hydraulic full circle with sod cap			OID032				647,00			
hydraulic part circle with sod cap			OID033				876,53			
Pop-up sprinkler series VP3		hydraulic part circle	2" F	1	54,0	OGR157	1	2.006,25		
		24 VAC part circle				OGR154		2.520,00		
		9 V latch part circle				OGR154S		2.675,00		
		24 VAC with sector scout				OGR155		3.076,25		
Piston Drive sprinkler series P2-M		part circle	2 1/2 F	2	69,0	AIR002	1	1.374,00		
Piston Drive sprinkler series P2-M-var (dust reduction)		with variable angle				AIR009		2.316,13		



Sprinklers for fruit-growing, horticulture, agriculture								
Description	Model	Coverage	Conn.	n° nozzles	Max casting range in mt.	Code	Box	€
Impact sprinkler series Z	ZS-30	full circle	3/4" M	1	16,3	AIR107	1	49,57
	ZB-22				17,8	AIR108		43,37
	ZE-30	sectors		1	AIR109	46,84		
		full circle		AIR113	64,18			
	ZE-30w	sectors	1" M	2	21,8	AIR102		60,72
	ZK-30	full circle				AIR103		91,94
	ZK-30w	full circle			AIR120	81,53		
		sectors			AIR121	140,52		

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Toro LPS



Toro 570



Toro nozzles

► TORO PRODUCTS

Spray heads								
Description	Pop-up height cm	Tvan Nozzle	Radius data. Mt	Clamp F	Code	Box	€	
LPS spray heads	5,0	8	2,4	1/2"	OIS149	100	4,67	
		10	3,0		OIS150			
		12	3,6		OIS152			
		15	4,5		OIS155			
		17	5,2		OIS157			
	10,0	8	2,4		OIS179	50	5,10	
		10	3,0		OIS180			
		12	3,6		OIS182			
		15	4,5		OIS185			
		17	5,2		OIS187			
Description	Pop-up height cm	Model 570	Clamp F	Code	Box	€		
Spray head 570	5,0	2P	1/2"	OIS011	100	6,01		
		3P		OIS001				
		4P		OIS002	50			
	10,0	4P COM		OIS013	1	14,67		
		6P		OIS003		24,78		
	15,0	6 PSI		OIS021		30,26		
		12P		OIS004		34,26		
	30,0	12 PSI		OIS010		44,06		
		4P XF		OIS040		13,75		
	10,0	6P- XF		OIS041		33,02		
		30,0		12P XF		OIS042	46,81	
	Description						Box	€
570* sprinklers nozzles	Variable angle	Mod. Tvan type 8-10-12-15-17				25	3,57	
	Fixed angle	Mod. Standard type 8-10-12-15-special						
		Mod. Precision tipo 8-10-12-15-special				20	18,10	
	Precision RotatingM or F threading, full or part circle							



Toro Mini 8



Toro 300



Toro T5



Toro T7



Toro TS90



Toro DT34-35-54-55

Residential Pop-Up Sprinklers						
Description	Pop-up height cm	Clamps F	Code	Box	€	
MINI8 series sprinkler with 5 nozzle set	9,5	1/2"	OID193	25	19,00	
300 series sprinkler without nozzle and multisector	7,0	3/4"	OID001	25	42,93	
	30,0		OID002	1	92,49	
Nozzle 01-02-03-63-OMNI ⁽¹⁾			U044	1	10,02	
Multisector working angle 90°-180°-270°360° ⁽¹⁾			P001		4,18	
T5P-RS series sprinkler	12,3	3/4"	OID607	20	23,00	
T7 series with set 7 nozzles ⁽²⁾	14,6	1"	OID611	1	112,00	

⁽¹⁾ Please, in the purchase order, specify type, angle, radius data and thread

⁽²⁾ Antivandal clamping backnut screw s/s pop-up version available

Sport grounds and large outdoor areas sprinklers						
Description	Pop-up height cm	Clamps F	Code	Box	€	
TS90 sprinkler with 9 nozzle set	8,3	1"	OID045	1	210,00	
Stabilizer for TS90 sprkinlers positioned within the natural grass pitch			OAC011		69,55	
Kit MiniGRILLO for artificial grass or for Live system (special artificial grass for spon-653,50 taneous grassing included). For TS90 sprinklers, all positioned within the pitch			OID046		699,24	
DT35 Sprinkler adjustable/full circle - elect. Valve 24 V		1"	OID755		Req.	
DT34 Sprinkler full circle - elect. Valve 24 V			OID766			
DT55 Sprinkler adjustable/full circle - elect. Valve 24 V		1 1/2"	OID765			
DT54 Sprinkler full circle - elect. Valve 24 V			OID762			

Description		Clamp	Code	Box	€
690 - 90° series sprinklers	Normally open Hydr. Valve	1"1/2	OID054	1	1.160,00
	Check valve		OID055		
	24 V. e-valve		OID056		
690 - 180° series sprinklers	Normally open Hydr. Valve		OID057		1.160,00
	Check valve		OID058		1.430,00
	24 V. e-valve		OID059		1.050,00
690 - 360° series sprinklers	Normally open Hydr. Valve		OID060		1.050,00
	Check valve		OID061		1.375,00
	24 V. e-valve		OID062		2.200,00
SC690 Toro sprinklers for sport areas	Normally open Hydr. Valve		OGR003		2.200,00
	24 V. e-valve		OGR004		2.360,00



Warning flags sprinklers position					
Description		Height cm	Code	Box	€
Warning flag	Red	10 x 12 cm	OBA001	100	0,49
	White		OBA006		
	Orange		OBA008		
	Yellow		OBA007		
	Red	12 x 20 cm	90		OBA002



Irrigation programmer and accessories					
Description	Sectors	Code	Box	€	
EVO indoor programmer 4 sectors expandable until 16 sectors	4	OPG015	1	305,00	
EVO outdoor programmer 4 sectors expandable until 16 sectors		OPG016		345,00	
Evo 4 sector expansion module	4	OPG018		86,00	
Evo 12 sector expansion module	12	OPG017		290,00	
DDCWP waterproof programmer	2	OPG410		285,00	
	4	OPG411		320,00	
	6	OPG412		350,00	
	8	OPG413		380,00	
Solenoid for valve 9V CC		ORV251		55,00	
Internal assembly DDC programmer	4	OPG106		132,00	
	6	OPG107		180,00	
	8	OPG108		215,00	
External assembly DDC programmer	4	OPG402	345,00		
	6	OPG403	380,00		
	8	OPG404	415,00		
Programmer TMC 424-0D with TSM-4 with 4 sector expandable until 24 sectors outdoor	4	OPG082	610,00		
Standard module		OPG073	122,00		
High strenght overvoltage module		OPG092	140,00		
High strenght overvoltage module sensor flux		OPG187	240,00		
Standard module		OPG074	245,00		
High strenght overvoltage module		OPG093	277,00		
High strenght overvoltage module sensor flux		OPG188	375,00		



LANDSCAPE



A



B



C

Rain sensors					
Description	Fig.	Code	Box	€	
Rain sensor with pre-installed cable L= 8 m.	A	OSN009	1	70,80	
Rain sensor kit (transmitter/receiver)	B	OSN008		245,50	
Rain/ice sensor kit (transmitter/receiver)		OSN012		285,00	
Kit sensor humidity wireless and system control Precision Soil Sensor	C	OSN011		360,00	



Modular pressure reducer for output pressure regulation



Toro pressure sensing kit

Control and measure pressure/capacity					
Description	Bar	Code	Box	€	
Modular pressure reducer for the output pressure regulation in P220 valves	0,3 ÷ 7	FRP550	1	124,45	
Pressure sensing kit		OAC070		190,00	

Toro 264



Toro EZ-FLO Plus

Toro TPV



Toro 252



Toro P220



Valves							
Description	Clamps	Regulator	Code	Box	€		
264 Valves	3/4" M/M	No	OVA001	1	50,60		
			OVA042	10	36,00		
EZ-FLO Plus Valves	1" M/M	Yes	OVA043	20	47,00		
			OVA044		36,00		
	1" F/F	No	OVA045	10	47,00		
			OVA048		67,30		
Pre-installed latching solenoid DC	1" M/M		OVA046	20	63,00		
	1" F/F		OVA091		83,00		
TPV Valves	1" M/M	Yes	OVA093	10	63,00		
			OVA095		83,00		
Pre-installed latching solenoid DC	1" F/F		OVA097	20	83,00		
	1" M/M		OVA005		334,59		
252 valves	1" 1/2 F/F	Yes	OVA007	10	508,46		
			OVA070	24	150,00		
P220 Valves	24V 50Hz		OVA073	12	240,00		
			OVA075	4	359,00		
			OVA078		740,00		
	Pre-installed latching solenoid DC		1" F/F	OVA272	24	170,00	
			1" 1/2 F/F	OVA273	12	260,00	
			2" F/F	OVA274	4	380,00	
3" F/F	OVA275	758,00					

OUTDOOR ELEMENTS

► KIT MOSQUITO REPELLENT

Description	Code	Tank lt	Box	€ ⁽¹⁾
Kit mosquito repellent	OKTS102	100	1	1.204,00
	OKTS100	300		1.360,00
	OKTS101	500		1.420,00
Vectobak 12as 10 lt	MVR014			435,00

⁽¹⁾ See discount fertirigation



mosquito repellent kit

PRODUCT FILTRISSIMO: MOSQUITO REPELLENT AND FERTILIZER - GARDEN LINE

Description	Code	Fig.	Box	€
Cartridge body 1" F	OKTS090	A	1	61,50
Cartridge PEST with bottle of mosquito repellent	OKTS091			41,00
Cartridge REPELLENT with bottle of natural repellent product	OKTS092			
Cartridge FERT with bottle of vegetal fertilizer	OKTS093			
Filtrissimo Mobile "Off the Ground"	OKTS089	B		132,00

NEW



► OUTDOOR POOLS

Description	Code	Size ext. Mt	Height mt	water area m ²	Swimm. area m ²	€	
Model 410	ESAGONAL	OPF006	3,75 x 3,75	1,2	12,3	8,0	3.350,00
Model 430		OPF001	4,25 x 4,25		15,0	10,4	4.927,00
Model 510	OCTAGONAL	OPF002	5,00 x 5,00		20,6	15,0	5.556,00
Model 580		OPF003	5,70 x 5,70	1,3	27,0	20,7	6.792,00
Model 400x610	OVAL	OPF005	4,25 x 6,35		24,0	18,1	8.992,00
Model 470x860		OPF013	5,00 x 8,90		40,0	30,0	16.199,00

Blue liner with flat bottom - Wood thickness 45 mm - Filter stairs and other accessories are included



► COMPLEMENTS

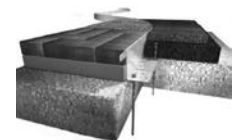
Aluminium curb						
Description	Code	Color	Dimens. mt	Box	€	
Aluminium curb	OKTLE003	Natural aluminium	10,2 cm x 2,44	1	34,17	
	OKTLE004	Brown			41,90	
	OKTLE005	Green				
	OKTLE006	Black				
Reinforced aluminium curb	OKTLE008	Natural aluminium	14,0 cm x 2,44		66,45	

N.B.: the price for each plate includes two pegs



Aluminium curb

Curb Stable Edge						
Description	Code	Box mt	Length mt	Height cm	Box	€
Aluminium curb thickness 5 mm	OKTLE012	68,26	2,438	2,5	1/28	31,25
	OKTLE013	53,64		3,8	1/22	31,10
	OKTLE014	46,32		5,0	1/19	36,74
	OKTLE015	41,45		6,4	1/17	41,99
	OKTLE016	31,69		7,5	1/13	53,80
	OKTLE017	24,38		10,0	1/10	64,75
Pegs	OKTLE018		0,255	25,0	1/250	0,87

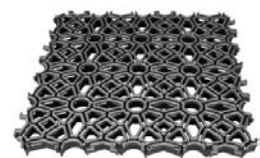


Curb Stable Edge

Practicable grating Modi						
Description	Code	Color	Dimens. m ²	Box	€	
Grating	GCR001	Green ⁽¹⁾	1	3	26,00	
Locking ring upper side	ABS001					
Locking ring lower side	ABI001					
Sign cap upper side	TGS001	White ⁽²⁾		1	1,05	
Sign cap lower side	TGI001					

⁽¹⁾ Colours available on request : grey and beige

⁽²⁾ Colours available on request : grey and blue



Practicable grating Modi

OUTDOOR ELEMENTS

► REFRESHING NEBULIZING SYSTEMS



Premium pump

Premium pump					
Model	l/m	Watt	Code	Box	€
Premium pump 70 bar	0,6	440	ONF502	1	1.270,00
	1,0	550	ONF503		
	2,0	680	ONF504		
	3,0	815	ONF505		
	4,0	900	ONF506		
	6,0	1.250	ONF507		

N.B.: other models with different performances are available on request



Polyamide pipe

Kit Polyamide line					
Model	N° nozzles	Code	Box	€	
Kit Polyamide line (it includes filter, pipe and nozzles)	10	ONF578	1	784,30	
	20	ONF579		1.187,30	
	30	ONF580		1.587,20	
	50	ONF581		2.390,10	
	70	ONF582		3.193,00	



Nozzle

Kit Noxide line (copper)					
Model	N° nozzles	Code	Box	€	
Kit Noxide line (it includes filter, pipe and nozzles)	10	ONF583	1	899,00	
	20	ONF584		1.388,80	
	30	ONF585		1.881,70	
	50	ONF586		2.862,85	
	70	ONF587		3.844,00	



Copper pipe

Kit Premium wind					
Model	N° fans	Code	Box	€	
Kit Premium Vento (it includes filter, pipe and nozzles)	2	ONF588	1	1.300,45	
	4	ONF589		2.362,20	
	6	ONF590		3.406,90	
	8	ONF591		4.477,95	
	10	ONF592		5.531,95	



Fan

Accessories and spare parts					
Description	Fig.	Code	Box	€	
Cleanable nozzle Noxide/stainless steel 10/24" with valve anti drop hole 0,20 mm ⁽¹⁾	A	ONF151	1	8,68	
⁽¹⁾ Orifices available from 0,15 mm to 0,50 mm					
Anti-limestone - package of 1 lt ⁽²⁾	B	ONF232	1	24,65	
⁽²⁾ Other chemical product on request					
Filter's cartridge 1 micron 20" ⁽³⁾	C	ONF313	1	23,25	
⁽³⁾ Other diametres and micron are available					
Kit filter ECONOMY with accessoires - 1x 5" 1/2 - 5 micron IN 3/4F - OUT 10 mm ⁽⁴⁾	D	ONF316	1	65,10	
⁽⁴⁾ Filters 9" and 20" and antibacterial are available					



A



B



C



D



Mobi Cool

Mobi Cool 450 W - 70 bar					
Model	Autonomy hours	Outflow l/m	Code	Box	€
Mobi Cool with 4 nozzles	3	0,31	ONF610	1	3.239,50
	5	0,18	ONF611		



TERMS OF SALES

ORDERS

Orders sent to Scarabelli Irrigazione Ltd, are to be considered valid only after validation and acceptance of the Sales Department. The company can satisfy orders in more than one consignment, without the right to annulment of the order or part of it.

PRICE

Prices exclude taxes.

The prices can be changed unilaterally by the Scarabelli Irrigazione Ltd, without notice, in consequence of the overall market, and for other causes.

DELIVERY

Delivery delays due to force majeure, accident or act of third, or otherwise, does not justify the cancellation of the order and, accordingly, no compensation and or damages that may be requested by the purchaser who must pay what written in the order.

SHIPPING

The material travels at the sole risk of the buyer. The buyer, in case of disputes, must immediately report the incident to the carrier for any, related responsibilities by registered letter and send a copy to Scarabelli Irrigazione Ltd.

PAYMENT

Invoices must be paid in the manner established and accepted in the order.

For orders of special material, considered non standard, we require one-third of the value of goods purchased to send together with the order accepted.

In case of payment delay, we will charge interest according to the Italian law D.Lgs 9.10. 2002 n. 231, starting in the notice payment.

PROPERTIES OF THE MATERIAL

The ownership of the goods delivered remains of Scarabelli Irrigazione Ltd until full payment of the invoice.

Risks relating to the things sold passes from the seller to the buyer from the moment of delivery.

In the case of unjustified payment delay, Scarabelli Irrigazione Ltd can require return of the material delivered.

WARRANTY

Buyer can report defects within eight days of the discovery, on pain of forfeiture, and has the limitation period of one year from delivery for asking the warranty.

The warranty is limited to replacement or repair of the material, however, implies the possibility to claim for compensation and / or damages and / or termination of the contract.

The warranty excludes failures caused by errors in the electrical, lack of adequate protection from removal and replacement or tampering, false maneuvers and in any case by the failure to comply with the limits listed or instructions provided by Scarabelli Irrigazione Ltd.

The warranty can not be recognized and therefore not in force also in the following cases:

- Failures caused to materials for corrosion or abrasion of each type and nature or cause of the pumped liquid;
- Failure of proper functioning caused by installations not performed in a workmanlike manner;
- In cases where the customer is in arrears with payments.

The warranty does not recognized in the case that the customer does not provide information on the conditions of use or any other information to clarify the cause of the fault.

When warranty is claimed, it must be shown a document proving the date of shipment or the code number on the identification plate on the material, or the label on the packaging, to find the date of manufacture.

It is excluded by warranty material repaired or tampered with by anyone not authorized by Scarabelli Irrigazione Ltd.

For items described in Section L-Fertigation, the following specifications:

duration 3 months warranty for materials subject to deterioration chemical / mechanical (such as pH sensor) under normal conditions of use; the installation of appropriate control systems for supply voltages (stabilizers) and disconnect from the mains supply or distribution in the case of plants located in areas prone to lightning strikes are binding for the validity of the warranty conditions.

Scarabelli Irrigazione Ltd disclaims any liability for damage to property and injuries that can be caused by our items.

The material must be sent to the Scarabelli Irrigazione Ltd and delivery must be paid by the customer.

The warranty is not recognized in the case of extreme external use with chemical conditions and / or physical particularly aggressive, such as, sand wells, aquifers ferruginous, acidic environments, etc...

Advice and support before and after sale: the Scarabelli Irrigazione assumes no responsibility for possible free consulting services and technical assistance, agronomic and planning (eg preparation of explanatory hydraulic diagrams, etc..) provided as a courtesy, On the occasion of the sale of its items.

Complaints: Any complaints relating to the supply must be received in writing strictly within 8 days from delivery of the goods.

Returns: Any material returned (warranty or otherwise) must always be authorized by the marketing department.

On the release must be reported the reference of the approval.

The shipment must be paid by the customer.

If the return is not due to our sins, it will be accepted with a 10% deduction on the credit note.

JURISDICTION

For the resolution of any dispute arising from the interpretation and / or execution of this contract, the parties expressly declare and identify in Bologna, the competent court, relinquishing any exception and reservation of jurisdiction.

SCARABELLI IRRIGAZIONE S.r.l.

N.B. – The information and specifications of the items listed in this publication can be changed at any time without notice. The photos of supplied products are indicative.



the PRECIOUS ELEMENT
called WATER



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