

MODVLS

Pump units and Components for Heating Systems

MODVSOL *THERMAL SOLAR* *Price List 2012*



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SOLAR PUMP UNITS

S1 Solar 1

1-WAY SOLAR PUMP UNIT

Solar pump unit with circulating pump

Dimension	Code	Price with circulating pump				s.b.	m.c.
		Wilco Star ST 25/4	Wilco Star ST 25/6	Wilco Star ST 25/7	Wilco Star RSG 25/8		
3/4" M	103641R-xx-WST(4/6/7)	€ 256,08	€ 264,18	€ 297,61		1	-
1" M	104641R-xx-WST(4/6/7)	€ 261,90	€ 271,46	€ 297,61		1	-
22 mm	122641R-xx-WST(4/6/7)	€ 279,56	€ 287,80	€ 299,95		1	-
3/4" M	103641R-xx-RSG8				€ 379,37	1	-
1" M	104641R-xx-RSG8				€ 379,37	1	-
22 mm	122641R-xx-RSG8				€ 381,71	1	-

On request available with pre-wired circulating pump (2 m).

Price increase: € 2,67



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SOLAR PUMP UNITS

S1 Solar 10

1-WAY SOLAR PUMP UNIT WITH
BUILT-IN CONTROLLER

Solar pump unit with circulating pump and pre-wired ModvSol S controller

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	103-xx-(6/7)X-STDC	€ 501,97	€ 514,31	1	-
1" M	104-xx-(6/7)X-STDC	€ 501,97	€ 514,31	1	-
22 mm	122-xx-(6/7)X-STDC	€ 504,45	€ 516,80	1	-

On request the UK power supply connector for controller is available.

Price increase: € 1,56

NOTES

"xx" means the flowmeter rate range: 06 (1-6 L/min); 12 (2-12 L/min); 28 (8-28 L/min); 38 (8-38 L/min)

S1 Solar 1: Available special "L" model with security unit at left side: add "L" extension to the code.

Ordering example: S1 Solar 1 "left" 1" Male, flowmeter 8-28 l/min and solar circulating pump Wilco ST 25/6:

Code 104641RL-28-WST6



MODVSOL

SOLAR PUMP UNITS

S2 Solar 2

2-WAY SOLAR PUMP UNIT

Solar pump unit with circulating pump, without air vent

Dimension	Code	Price with circulating pump				s.b.	m.c.
		Wilco Star ST 25/4	Wilco Star ST 25/6	Wilco Star ST 25/7	Wilco Star RSG 25/8		
3/4" M	303647AR-xx-WST(4/6/7)	€ 338,63	€ 319,56	€ 359,02		1	-
1" M	304647AR-xx-WST(4/6/7)	€ 338,63	€ 346,87	€ 359,02		1	-
22 mm	322647AR-xx-WST(4/6/7)	€ 343,31	€ 351,55	€ 363,70		1	-
3/4" M	303647AR-xx-RSG8				€ 440,78	1	-
1" M	304647AR-xx-RSG8				€ 440,78	1	-
22 mm	322647AR-xx-RSG8				€ 445,46	1	-



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SOLAR PUMP UNITS

S2 Solar 20

2-WAY SOLAR PUMP UNIT WITH BUILT-IN CONTROLLER

Solar pump unit without air vent, with circulating pump and pre-wired SGC14 electronic controller

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303-xx-(6/7)X-SG14	€ 567,06	€ 579,40	1	-
1" M	304-xx-(6/7)X-SG14	€ 567,06	€ 579,40	1	-
22 mm	322-xx-(6/7)X-SG14	€ 572,02	€ 584,37	1	-

Solar pump unit without air vent, with circulating pump and pre-wired ModvSol 3 electronic controller

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303-xx-(6/7)X-T33S	€ 659,63	€ 671,97	1	-
1" M	304-xx-(6/7)X-T33S	€ 659,63	€ 671,97	1	-
22 mm	322-xx-(6/7)X-T33S	€ 664,59	€ 676,94	1	-

It is also available the version of ModvSol 3 equipped with interface ethernet for the remote management and software for the Windows operating system. For the art. code add "E" at the end. F.i.: 304-28-6X-T33SE

Price increase: € 680,47

NOTES

"xx" means the flowmeter rate range: **06** (1-6 L/min); **12** (2-12 L/min); **28** (8-28 L/min); **38** (8-38 L/min)

Ordering exemple: S2 Solar 20 without air vent, 22 mm, flowmeter 8-38 L/min, solar circulating pump

Wilco ST 25/6 Molex and pre-wired electronic controller ModvSol 3 with 3 silicon sensors: **code 322-38-6X-T33S**



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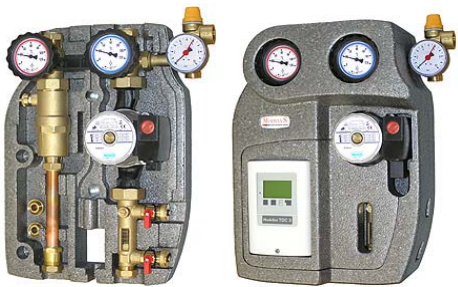
SOLAR PUMP UNITS

S2 Solar 3

2-WAY SOLAR PUMP UNIT
WITH AIR VENT

Solar pump unit with circulating pump

Dimension	Code	Price with circulating pump				s.b.	m.c.
		Wilco Star ST 25/4	Wilco Star ST 25/6	Wilco Star ST 25/7	Wilco Star RSG 25/8		
3/4" M	303651AR-xx-WST(4/6/7)	€ 367,95	€ 344,36	€ 388,33		1	-
1" M	304651AR-xx-WST(4/6/7)	€ 367,95	€ 376,19	€ 388,33		1	-
22 mm	322651AR-xx-WST(4/6/7)	€ 372,63	€ 380,87	€ 393,02		1	-
3/4" M	303651AR-xx-RSG8				€ 470,09	1	-
1" M	304651AR-xx-RSG8				€ 470,09	1	-
22 mm	322651AR-xx-RSG8				€ 474,77	1	-



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SOLAR PUMP UNITS

S2 Solar 30

2-WAY SOLAR PUMP UNIT
WITH AIR VENT AND BUILT-IN CONTROLLER

Solar pump unit with circulating pump and pre-wired SGC14 electronic controller

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303D-xx-(6/7)X-SG14	€ 598,35	€ 610,69	1	-
1" M	304D-xx-(6/7)X-SG14	€ 598,35	€ 610,69	1	-
22 mm	322D-xx-(6/7)X-SG14	€ 603,32	€ 615,66	1	-

Solar pump unit with circulating pump and pre-wired ModvSol 3 electronic controller

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303D-xx-(6/7)X-T33S	€ 564,93	€ 703,26	1	-
1" M	304D-xx-(6/7)X-T33S	€ 449,16	€ 703,26	1	-
22 mm	322D-xx-(6/7)X-T33S	€ 569,00	€ 708,23	1	-

It is also available the version of ModvSol 3 equipped with interface ethernet for the remote management and software for the Windows operating system. For the art. code add "E" at the end. F.i.: 304D-28-6X-T33SE

Price increase: € 680,47

NOTES

"xx" means the flowmeter rate range: **06** (1-6 L/min); **12** (2-12 L/min); **28** (8-28 L/min); **38** (8-38 L/min)

Ordering example: S2 Solar 20 with air vent, 1", flowmeter 2-12 L/min, solar circulating pump

Wilco ST 25/7 Molex and pre-wired electronic controller ModvSol 3 with 3 silicon sensors: **code 304D-12-7X-T33S**



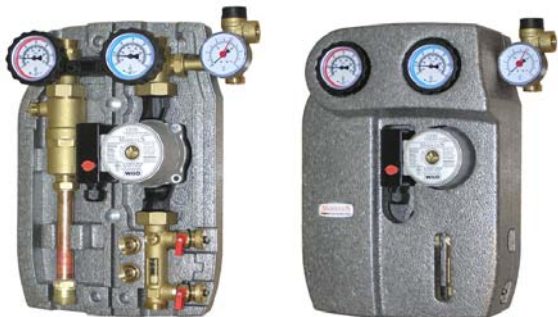
MODVSOL

SOLAR PUMP UNITS

S2 Solar 2 2-WAY SOLAR PUMP UNIT FOR NORTH AMERICAN MARKET

Solar pump unit with circulating pump, UL approved, for North American market, without air vent

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilo Star S16U	Wilo Star S21U		
3/4" M	303647AR-x-S(16/21)K	€ 401,85	€ 406,81	1	-
1" M	304647AR-x-S(16/21)K	€ 401,85	€ 406,81	1	-



MODVSOL

SOLAR PUMP UNITS

S2 Solar 3 2-WAY SOLAR PUMP UNIT WITH AIR VENT FOR NORTH AMERICAN MARKET

Solar pump unit with circulating pump, UL approved, for North American market

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilo Star S16U	Wilo Star S21U		
3/4" M	303651AR-x-S(16/21)K	€ 352,54	€ 356,60	1	-
1" M	304651AR-x-S(16/21)K	€ 352,54	€ 356,60	1	-



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SOLAR PUMP UNITS

ADAPTERS FOR CAPILLARY WELDING

Adapters Art. 654 for capillary welding, according to ASTM specifications.

Dimension	Code	Price	s.b.	m.c.
1/2 in.	03654ASTMSET	€ 2,13	1	-
3/4 in.	04654ASTMSET	€ 2,95	1	-



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SOLAR PUMP UNITS

NPT ADAPTERS

F/F GAS to NPT Adapter

Dimension	Code	Price	s.b.	m.c.
3/4" NPT	03641NPTSET	€ 3,72	1	-
1" NPT	04641NPTSET	€ 4,70	1	-

NOTES

"x" means the flowmeter rate range: **3** (0,5-3 US gpm); **8** (2-8 US gpm)

Ordering example: S2 Solar 3 with air vent 3/4" Male, flowmeter 2-8 US gpm. and solar circulating pump Wilo S16U:

Code 303651AR-8-S16K



ModvSol

SOLAR PUMP UNITS

S2 Solar 30 ModvSol 4

2-WAY SOLAR PUMP UNIT WITH AIR VENT
AND BUILT-IN ELECTRONIC CONTROLLER,
WITH THE FUNCTION OF ENERGY COUNTER

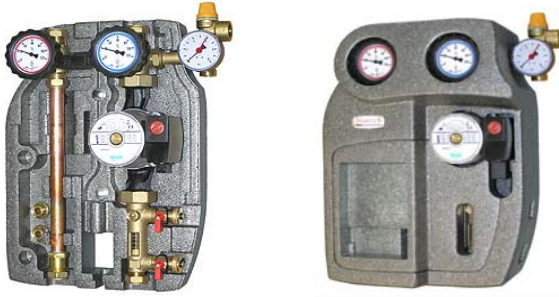
Solar pump unit with circulating pump and pre-wired ModvSol 4 electronic controller

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilo Star ST 25/6	Wilo Star ST 25/7		
3/4" M	303D-40-(6/7)X-T44S	€ 907,27	€ 919,62	1	-
1" M	304D-40-(6/7)X-T44S	€ 907,27	€ 919,62	1	-
22 mm	322D-40-(6/7)X-T44S	€ 912,24	€ 924,58	1	-

NOTES

Ordering example: S2 Solar 30 ModvSol 4 22 mm, with air vent, solar circulating pump Wilo Star ST 25/6 Molex,
VFS 2-40 L/min and solar controller ModvSol 4 with 3 silicone sensors and energy counter function:

Code 322D-40-6X-T44S



MODVSOL SOLAR PUMP UNITS

S2 Solar 20

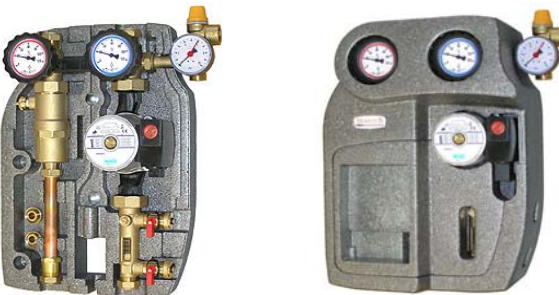
2-WAY SOLAR PUMP UNIT MADE FOR THE
FITTING OF THE CONTROLLER

Solar pump unit without air vent, with circulating pump, set up for Resol, Seltron, Sorel and Steca controllers (mod. type TT A502)

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303-xx-(6/7)X	€ 389,96	€ 402,30	1	-
1" M	304-xx-(6/7)X	€ 389,96	€ 402,30	1	-
22 mm	322-xx-(6/7)X	€ 395,07	€ 407,41	1	-

Solar pump unit without air vent, with circulating pump, set up for Prozeda and Seitron controllers

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303-xx-(6/7)X-P	€ 389,96	€ 402,30	1	-
1" M	304-xx-(6/7)X-P	€ 389,96	€ 402,30	1	-
22 mm	322-xx-(6/7)X-P	€ 395,07	€ 407,41	1	-



MODVSOL SOLAR PUMP UNITS

S2 Solar 30

2-WAY SOLAR PUMP UNIT WITH AIR VENT MADE
FOR THE FITTING OF THE CONTROLLER

Solar pump with circulating pump, set up for Resol, Seltron, Sorel and Steca controllers (mod. type TT A502)

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303D-xx-(6/7)X	€ 422,15	€ 434,49	1	-
1" M	304D-xx-(6/7)X	€ 422,15	€ 434,49	1	-
22 mm	322D-xx-(6/7)X	€ 427,25	€ 439,60	1	-

Solar pump unit with circulating pump, set up for Prozeda and Seitron controllers

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilco Star ST 25/6	Wilco Star ST 25/7		
3/4" M	303D-xx-(6/7)X-P	€ 422,15	€ 434,49	1	-
1" M	304D-xx-(6/7)X-P	€ 422,15	€ 434,49	1	-
22 mm	322D-xx-(6/7)X-P	€ 427,25	€ 439,60	1	-

NOTES

"xx" means the flowmeter rate range: **06** (1-6 L/min); **12** (2-12 L/min); **28** (8-28 L/min); **38** (8-38 L/min)

Ordering example: S2 Solar 30 with air vent, 1", flowmeter 2-12 l/min., solar circulating pump

Wilco Star ST 25/7 Molex, set up for Prozeda controller: **code 304D-12-7X-P**



MODV SOL

SOLAR PUMP UNITS

S1 Solar 1

"LOW ENERGY" 1-WAY SOLAR PUMP UNIT

Modulo solare con circolatore Low Energy

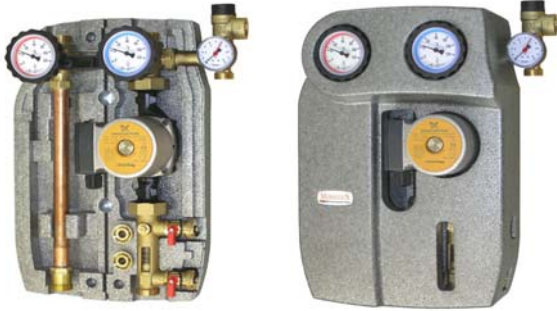
Dimension	Code	Price with circulating pump Grundfos Solar 25-65	Price with circulating pump Grundfos Solar 25-70	s.b.	m.c.
3/4" M	103641R-xx-G(65/70)	€ 285,11	€ 297,00	1	-
1" M	104641R-xx-G(65/70)	€ 285,11	€ 297,00	1	-
22 mm	122641R-xx-G(65/70)	€ 287,45	€ 299,34	1	-
On request available with pre-wired circulating pump (2 m).		Price increase:	€ 3,79		

NOTES

"xx" means the flowmeter rate range: **06** (1-6 L/min); **12** (2-12 L/min) for both the circulating pumps;
28 (8-28 L/min); **38** (8-38 L/min) only for G70 circulating pump

Ordering example: S1 Solar 1 Low Energy da 3/4" male, flowmeter 2-12 L/min and circulating pump Solar 25-65:
code 103641R-12-G65

**As the Low Energy G65 circulating pump is optimized for low flows, the pumps units with this model inside
are suitable only for a flow up to 12 l/m (flowmeters 1-6 l/min or 2-12 l/min).**



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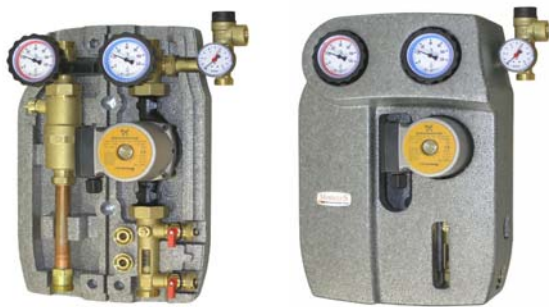
SOLAR PUMP UNITS

S2 Solar 2

"LOW ENERGY" 2-WAY SOLAR PUMP UNIT

Solar pump unit with Low Energy circulating pump, without air vent

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Grundfos Solar 25-65	Grundfos Solar 25-70		
3/4" M	303647AR-xx-G(65/70)	€ 346,52	€ 358,41	1	-
1" M	304647AR-xx-G(65/70)	€ 346,52	€ 358,41	1	-
22 mm	322647AR-xx-G(65/70)	€ 351,20	€ 363,09	1	-



MODVSOL

SOLAR PUMP UNITS

S2 Solar 3

"LOW ENERGY" 2- WAY SOLAR
PUMP UNIT WITH AIR VENT

Solar pump unit with Low Energy circulating pump

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Grundfos Solar 25-65	Grundfos Solar 25-70		
3/4" M	303651AR-xx-G(65/70)	€ 375,83	€ 387,72	1	-
1" M	304651AR-xx-G(65/70)	€ 375,83	€ 387,72	1	-
22 mm	322651AR-xx-G(65/70)	€ 380,52	€ 392,41	1	-

NOTES

"xx" means the flowmeter rate range: **06** (1-6 L/min); **12** (2-12 L/min) for both the circulating pumps;
28 (8-28 L/min); **38** (8-38 L/min) only for G70 circulating pump

Ordering example: S2 Solar 3 Low Energy da 1" male, flowmeter 8-38 L/min and circulating pump Solar 25-70:
code 304651AR-38-G70

As the Low Energy G65 circulating pump is optimized for low flows, the pumps units with this model inside
are suitable only for a flow up to 12 l/m (flowmeters 1-6 l/min or 2-12 l/min).



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SOLAR PUMP UNITS

S2 Solar 30 ModvSol 4

2-WAY SOLAR PUMP UNIT WITH AIR VENT,
HIGH EFFICIENCY SOLAR CIRCULATING PUMP
AND BUILT-IN CONTROLLER

High Efficiency solar pump unit with circulating pump and pre-wired ModvSol 4 electronic controller

Dimension	Code	Price with circulating pump Wilo Star Stratos Tec ST7	s.b.	m.c.
3/4" M	303D-xx-TC7-T43S	€ 1 022,11	1	-
1" M	304D-xx-TC7-T43S	€ 1 022,11	1	-
22 mm	322D-xx-TC7-T43S	€ 1 027,07	1	-



MODVSOL

SOLAR PUMP UNITS

S2 Solar 30 ModvSol 4

2-WAY SOLAR PUMP UNIT WITH AIR VENT, HIGH
EFFICIENCY SOLAR CIRCULATING PUMP AND
BUILT-IN CONTROLLER WITH THE FUNCTION
OF ENERGY RECORDING

High Efficiency solar pump unit with circulating pump and pre-wired ModvSol 4 electronic controller with the function of energy recording

Dimension	Code	Price with circulating pump Wilo Star Stratos Tec ST7	s.b.	m.c.
3/4" M	303D-40-TC7-T44S	€ 1 165,76	1	-
1" M	304D-40-TC7-T44S	€ 1 165,76	1	-
22 mm	322D-40-TC7-T44S	€ 1 170,73	1	-

NOTES

"xx" means the flowmeter range: **06** (1-6 L/min); **12** (2-12 L/min); **28** (8-28 L/min); **38** (8-38 L/min)

Ordering example: S2 Solar 30 22 mm with air vent, flowmeter 8-38 L/min,
solar circulating pump Wilo Stratos Tec ST7 PWM Molex and electronic controller ModvSol 4 with 3 silicone sensors:
code 322D-38-TC7-T43S

Ordering example: S2 Solar 30 22 mm with air vent, flowmeter 8-38 L/min, solar circulating pump
Wilo Stratos Tec ST7 PWM Molex and pre-wired electronic controller ModvSol 4 with 3 silicone sensors and function of energy recording
code 322D-40-TC7-T44S



MODV SOL

SOLAR PUMP UNITS

S2 Solar 2

2-WAY SOLAR PUMP UNIT FOR
HIGH FLOW SYSTEMS

Solar pump unit without air vent and with circulating pump

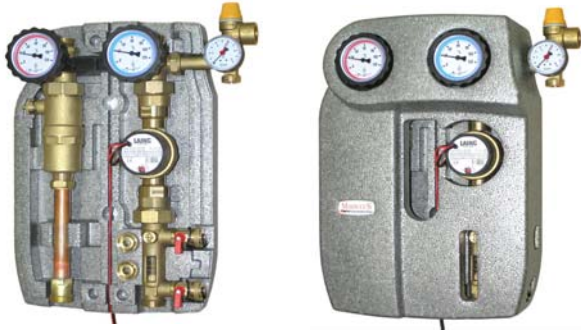
Dimension	Code	Price with circulating pump Wilo Top RL 8,5	Price with circulating pump Wilo Stratos Para 25/1-8	s.b.	m.c.
1"1/4 M	305647-xx-(RL8.5/PA1-8)	€ 690,73	€ 1 069,35	1	-
1"1/2 M	306647-xx-(RL8.5/PA1-8)	€ 768,58	€ 1 147,21	1	-
1" F (*)	304F647-xx-(RL8.5/PA1-8)	€ 804,22	€ 1 182,84	1	-

(*) Version 1" F: with pipe unions 1" Female

NOTES

"xx" means the flowmeter rate range: **42** (5-42 L/min); **70** (20-70 L/min);

Ordering example: S2 Solar 2 high flow with air vent 1" 1/4" Male, flowmeter 20-70 L/min. and solar circulating pump Wilo Stratos Para 1-8
code 305647-70-PA1-8



MODV SOL

SOLAR PUMP UNITS

S2 Solar 35

2-WAY SOLAR PUMP UNIT WITH AIR VENT
AND LOW VOLTAGE CIRCULATING PUMP
FOR PHOTOVOLTAIC SOLAR COLLECTORS

Solar pump unit with low voltage circulating pump for solar collectors

Dimension	Code	Price with circulating pump D5	s.b.	m.c.
3/4" M	303651AR-12-D5	€ 710,10	1	-
1" M	304651AR-12-D5	€ 710,10	1	-
22 mm	322651AR-12-D5	€ 714,78	1	-



Basic PV solar controller directly feeded by the solar collector, direct current from 12V to 23V, with two temperature sensors (included)

Dimension	Code	Price	s.b.	m.c.
-	P1316B-F - Solar controller	€ 359,20	1	-
-	WP2 - 12 V Buffer Battery	€ 31,10	1	-



MODV SOL

SOLAR PUMP UNITS

S2 Solar 35

2-WAY SOLAR PUMP UNIT WITH AIR VENT, LOW
VOLTAGE CIRCULATING PUMP AND BUILT-IN
CONTROLLER, BOTH FOR PHOTOVOLTAIC
SOLAR COLLECTORS

Solar pump unit with low voltage circulating pump for solar collectors and pre-wired built-in controller, with two temperature sensors (included)

Dimension	Code	Price with circulating pump D5	s.b.	m.c.
3/4" M	303D-12-D5-PV	€ 1 092,11	1	-
1" M	304D-12-D5-PV	€ 1 092,11	1	-
22 mm	322D-12-D5-PV	€ 1 097,07	1	-



MODVSOL

SOLAR PUMP UNITS

Solo 1 Basic

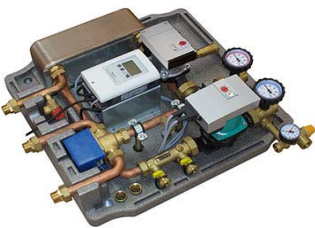
PUMP UNIT TO LOAD
ONE BUFFER TANK

Pump unit with mechanical flowmeter with regulation

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1"	031200-24-28-TD	up to 50 m ²	up to 25 kW	€ 1 957,39	1	-
Second. 3/4"					1	-
Solar 1"	031200-40-38-TD	up to 70 m ²	up to 35 kW	€ 2 752,03	1	-
Second. 3/4"					1	-

Pump unit with digital flowmeter VFS

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1"	031200-24-40-TD	fino a 50 m ²	up to 25 kW	€ 2 073,00	1	-
Second. 3/4"					1	-
Solar 1"	031200-40-40-TD	up to 70 m ²	up to 35 kW	€ 2 875,61	1	-
Second. 3/4"					1	-



MODVSOL

SOLAR PUMP UNITS

Solo 1 High Efficiency

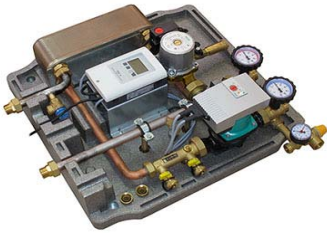
PUMP UNIT TO LOAD
ONE BUFFER TANK

Pump unit with mechanical flowmeter with regulation. **On sale starting from middle 2012**

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1"	031200-24-28-LT	up to 50 m ²	up to 25 kW	€ 2 473,72	1	-
Second. 3/4"					1	-
Solar 1"	031200-40-38-LT	up to 70 m ²	up to 35 kW	€ 3 087,59	1	-
Second. 3/4"					1	-

Pump unit with digital flowmeter VFS. **On sale starting from middle 2012**

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1"	031200-24-40-LT	up to 50 m ²	up to 25 kW	€ 2 589,33	1	-
Second. 3/4"					1	-
Solar 1"	031200-40-40-LT	up to 70 m ²	up to 35 kW	€ 3 211,18	1	-
Second. 3/4"					1	-



MODVSOL

SOLAR PUMP UNITS

Solo 1 Basic ACS

PUMP UNIT TO LOAD
ONE HDW BUFFER TANK

Pump unit with mechanical flowmeter with regulation

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1" Second. 3/4"	031230-24-28-TD	up to 50 m ²	up to 25 kW	€ 2 156,48	1	-
					1	-
Solar 1" Second. 3/4"	031230-40-38-TD	up to 70 m ²	up to 35 kW	€ 2 964,84	1	-
					1	-

Pump unit with digital flowmeter VFS

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1" Second. 3/4"	031230-24-40-TD	up to 50 m ²	up to 25 kW	€ 2 272,09	1	-
					1	-
Solar 1" Second. 3/4"	031230-40-40-TD	up to 70 m ²	up to 35 kW	€ 3 088,42	1	-
					1	-



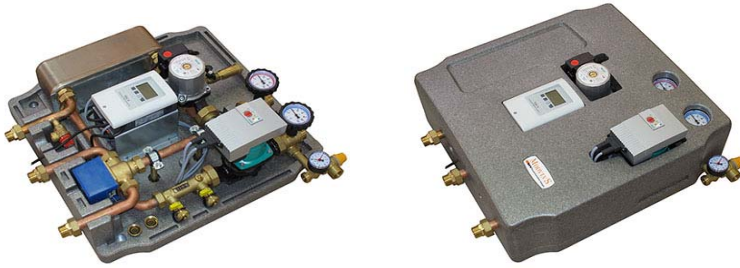
MODVSOL

COMPONENTS

BALL VALVES KIT

Connection valves set for Solo 1 pump units

Dimension	Code	Description	Price	s.b.	m.c.
3/4"	031200SET	2 ball valves set	€ 47,87	1	-



MODVSOL
SOLAR PUMP UNITS

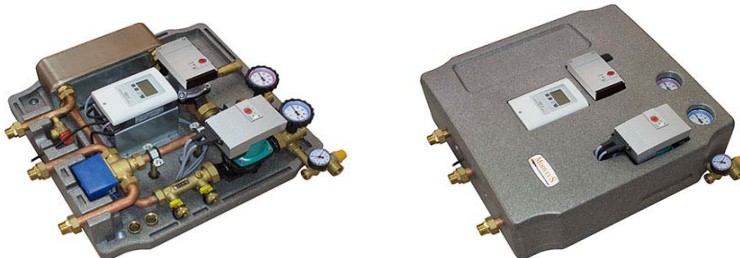
Solo 2 Basic
PUMP UNIT FOR STRATIFIED LOADING

Pump unit with mechanical flowmeter with regulation

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1" Second. 3/4"	031250-24-28-TD	up to 50 m ²	up to 25 kW	€ 2 326,85	1	-
					1	-
Solar 1" Second. 3/4"	031250-40-38-TD	up to 70 m ²	up to 35 kW	€ 3 162,91	1	-
					1	-

Pump unit with digital flowmeter VFS

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1" Second. 3/4"	031250-24-40-TD	up to 50 m ²	up to 25 kW	€ 2 446,45	1	-
					1	-
Solar 1" Second. 3/4"	031250-40-40-TD	up to 70 m ²	up to 35 kW	€ 3 290,48	1	-
					1	-



MODVSOL
SOLAR PUMP UNITS

Solo 2 High Efficiency
PUMP UNIT FOR STRATIFIED LOADING

Pump unit with mechanical flowmeter with regulation. On sale starting from middle 2012

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1" Second. 3/4"	031250-24-28-LT	up to 50 m ²	up to 25 kW	€ 2 860,99	1	-
					1	-
Solar 1" Second. 3/4"	031250-40-38-LT	up to 70 m ²	up to 35 kW	€ 3 509,30	1	-
					1	-

Pump unit with digital flowmeter VFS. On sale starting from middle 2012

Dimension	Code	Collector surface	Power	Price	s.b.	m.c.
Solar 1" Second. 3/4"	031250-24-40-LT	up to 50 m ²	up to 25 kW	€ 2 980,59	1	-
					1	-
Solar 1" Second. 3/4"	031250-40-40-LT	up to 70 m ²	up to 35 kW	€ 3 636,87	1	-
					1	-



MODVSOL

COMPONENTS

BALL VALVES KIT

Connection valves set for Solo 2 pump units

<i>Dimension</i>	<i>Code</i>	<i>Description</i>	<i>Price</i>	<i>s.b.</i>	<i>m.c.</i>
3/4"	031250SET	3 ball valves set	€ 70,85	1	-



MODV SOL

SOLAR PUMP UNITS

S2 Exchange

HEAT EXCHANGE
SOLAR PUMP UNIT

Heat exchange solar pump unit

Version	Dimension	Item	Code	Price	s.b.	m.c.
16 plates	1"C x 1"M	S2 Exchange	304646-E16	€ 303,38	1	-
26 plates	1"C x 1"M	S2 Exchange	304646-E26	€ 365,38	1	-
40 plates	1"C x 1"M	S2 Exchange	304646-E40	€ 422,83	1	-



MODV SOL

SOLAR PUMP UNITS

COMPONENTS FOR HEAT
EXCHANGE SOLAR PUMP UNIT

Security unit

Version	Dimension	Item	Code	Price	s.b.	m.c.
Heating	3/4"	Security unit 3 bar	03647D-3C-4SET	€ 38,81	1	12
Solar	3/4"	Security unit 6 bar	03647D-6S-10SET	€ 49,54	1	12



MODV SOL

SOLAR PUMP UNITS

COMPONENTS FOR HEAT
EXCHANGE SOLAR PUMP UNIT

Filling/draining valve

Version	Dimension	Item	Code	Price	s.b.	m.c.
-	22 mm x 3/4"	Filling/Draining valve	01646R-430SCASET	€ 22,02	1	12



MODV SOL

SOLAR PUMP UNITS

COMPONENTS FOR HEAT
EXCHANGE SOLAR PUMP UNIT

3/4" draining kit

Version	Dimension	Item	Code	Price	s.b.	m.c.
-	3/4"	Draining kit	103647P	€ 20,17	1	12



MODV SOL
SOLAR-BOILER KIT
Solar Kit 1
SOLAR-BOILER THERMOSTATIC
CONNECTION KIT

Solar-boiler thermostatic connection kit

<i>Dimension</i>	<i>Kvs</i>	<i>Item</i>	<i>Code</i>	<i>Price</i>	<i>s.b.</i>	<i>m.c.</i>
3/4" M	1,2	Solar Kit 1	103685-1.2	€ 182,68	1	6
3/4" M	1,7	Solar Kit 1	103685-1.7	€ 213,42	1	6



MODVSOL

DIFFERENTIAL SOLAR CONTROLLERS

ModvSol Controllers

DIFFERENTIAL TEMPERATURE CONTROLLERS

Differential temperature controller, 2 outputs, with 3 temperature sensors (included)

Dimension	Code	Controller price	s.b.	m.c.
-	TDC3.SET3	€ 306,83	1	-

Differential temperature controller, 2 outputs, with 3 temperature sensors (included), equipped with interface ethernet for the remote management and software for the Windows operating system

Dimension	Code	Controller price	s.b.	m.c.
-	TDC3E.SET3	€ 993,09	1	-

Differential temperature controller, 3 outputs, with 3 temperature sensors (included), with control for circulating pumps 0-10 Volt or PWM. Energy recording function

Dimension	Code	Controller price	s.b.	m.c.
-	TDC4.SET3	€ 389,61	1	-

Differential temperature controller, 3 outputs, with 4 temperature sensors (included)

Dimension	Code	Controller price	s.b.	m.c.
-	TDC5.SET4	€ 466,51	1	-



TT/S2 sensor

Molex cable

MODVSOL

DIFFERENTIAL SOLAR CONTROLLERS

CABLES AND TEMPERATURE SENSORS

Temperature sensors

Dimension	Code	Sensor price	s.b.	m.c.
-	TT/S2 - 2 m silicone sensor	€ 23,70	1	-
-	TT/T2.5 - 2,5 m teflon sensor	€ 54,34	1	-

Cables

Dimension	Code	Cable price	s.b.	m.c.
-	PRESAPR63B - Molex cable for circulating pumps, 50 cm	€ 3,93	1	-
-	PRESAPR60B - Cable for Stratos Tec circ. pumps, 60 cm	€ 4,62	1	-



ModvSol

SOLAR PUMP UNITS

S2 Solar 20

2-WAY SOLAR PUMP UNITS FOR DRAIN-BACK APPLICATIONS WITH HIGH EFFICIENCY SOLAR CIRCULATING PUMP AND BUILT-IN CONTROLLER

Solar pump unit for drain-back applications, without air vent and non return valves, with circulating pump and pre-wired ModvSol 4 controller

Dimension	Code	Price with circulating pump		s.b.	m.c.
		Wilo Star Stratos Tec ST7	Wilo Star Stratos Tec ST11,5		
3/4" M	403-xx-TC(7/11)-T43S	€ 942,65	€ 999,34	1	-
1" M	404-xx-TC(7/11)-T43S	€ 942,65	€ 999,34	1	-
22 mm	422-xx-TC(7/11)-T43S	€ 947,62	€ 1 004,31	1	-

NOTES

"xx" means the flowmeter rate range: **06** (1-6 L/min); **12** (2-12 L/min); **28** (8-28 L/min)

Ordering example: S2 Solar 20 Drain back 3/4", with flowmeter 8-28 l/min,
solar circulating pump Wilo Stratos Tec ST11,5 PWM Molex, pre-wired electronic controller ModvSol 4 with 3 silicone sensors
code 403-28-TC11-T43S



MODVSOL

THERMOSTATIC MIXING VALVES

Art. 776

ANTISCALD SOLAR THERMOSTATIC MIXING VALVE

Anti-scald thermostatic mixing valve for solar applications. 30÷65°C. Male connections.

Dimension	Kvs	Code	Price	s.b.	m.c.
3/4" M	1,5	03776-1.5-S	€ 69,25	1	-
1" M	1,7	04776-1.7-S	€ 76,20	1	-
1" M	2,4	04776-2.4-S	€ 85,87	1	-



MODVSOL

THERMOSTATIC MIXING VALVES

Art. 779

ANTISCALD SOLAR THERMOSTATIC MIXING VALVE

Anti-scald thermostatic mixing valve for solar applications. 30÷65°C. Male union connections, check valves and filters.

Dimension	Kvs	Code	Price	s.b.	m.c.
1/2" M	1,5	02779-1.5-S	€ 90,80	1	-
3/4" M	1,7	03779-1.7-S	€ 100,16	1	-
3/4" M	2,4	03779-2.4-S	€ 109,84	1	-



MODVSOL

THERMOSTATIC MIXING VALVES

Art. 776C

ANTISCALD SOLAR THERMOSTATIC MIXING VALVE OEM SERIES

Anti-scald thermostatic mixing valve OEM series with cap. Male connections. Minimum purchase lot.

Dimension	Kvs	Code	Price	s.b.	m.c.
3/4" M	1,5	03776C-OEM-1.5-S	€ 58,83	50*	-
1" M	1,7	04776C-OEM-1.7-S	€ 62,04	50*	-

* Supplied on blister pack (multiple packaging)

MODVSOL

EQUIPMENTS

Art. 790

SECURITY ANTISCALD DEVICE



Security antiscald device, closing temperature 48 °C

Dimension	Code	Price	s.b.	m.c.
1/2"	02790	€ 31,48	1	-

MODVSOL

THERMOSTATIC DIVERTING VALVES

Art. 786

SOLAR THERMOSTATIC DIVERTING VALVE



Solar thermostatic diverting valve. Pre-setting temperature at 48°C. Male connections.

Dimension	Kvs	Code	Price	s.b.	m.c.
1" M	1,7	04786-1.7-S	€ 47,21	1	-
1" M	2,4	04786-2.4-S	€ 54,03	1	-

MODVSOL

THERMOSTATIC DIVERTING VALVES

Art. 789

SOLAR THERMOSTATIC DIVERTING VALVE



Solar thermostatic diverting valve. Pre-setting temperature at 48°C. Male union connections, check valve and filter.

	Kvs	Code	Price	s.b.	m.c.
3/4" M	1,7	03789-1.7-S	€ 86,57	1	-
3/4" M	2,4	03789-2.4-S	€ 96,24	1	-



MODVSOL

EQUIPMENTS

**MALE UNION CONNECTIONS
WITH SOLAR CHECK VALVE**

Male union connections with solar check valve.

Dimension	Code	Price	s.b.	m.c.
1/2" x 3/4" Nut	DBOI02S/SET	€ 6,94	50	-
3/4" x 1" Nut	DBOI03S/SET	€ 8,54	50	-



MODVSOL

EQUIPMENTS

MALE UNION CONNECTIONS

Male union connections.

Dimension	Code	Price	s.b.	m.c.
1/2" x 3/4" Nut	DBOI02/SET	€ 2,96	50	-
3/4" x 1" Nut	DBOI03/SET	€ 4,56	50	-



MODVSOL

EQUIPMENTS

Art. 520 Solar

BALL VALVE

Full port ball valve, yellow finish, with steel handle, PVC covered (multiple packaging)

Dimension	Code	Price	s.b.	m.c.
3/4"	03520SOL	€ 12,23	14	126
1"	04520SOL	€ 18,03	12	72
1"1/4	05520SOL	€ 28,76	6	36

Attention: the article 520 Solar have the same discount in force on the price list Standard Products



MODVSOL

EQUIPMENTS

Art. 620 ISO

BALL VALVE WITH "SOLAR" NON RETURN VALVE

Ball valve, yellow finish, with insulation T-handle (single box)

Dimension	Code	Price	s.b.	m.c.
3/4"	03620ISO	€ 25,63	1	12
1"	04620ISO	€ 42,51	1	12



MODVSOL

EQUIPMENTS

Art. 620 TER

BALL VALVE WITH "SOLAR" NON RETURN VALVE AND THERMOMETER

Ball valve, yellow finish, with in-handle thermometer (single box)

Dimension	Code	Price	s.b.	m.c.
3/4"	03620TER-(R/B)	€ 33,08	1	12
1"	04620TER-(R/B)	€ 49,95	1	12

NOTES

R = Coded Red; B = Coded Blue



MODVSOL

EQUIPMENTS

Art. 525

FILL / DRAIN BALL VALVE

Ball valve to fill and drain thermal solar system

Dimension	Code	Price	s.b.	m.c.
18 mm	18525ISO	€ 65,71	1	12
22 mm	22525ISO	€ 59,23	1	12
28 mm	28525ISO	€ 66,03	1	12
1"	04525ISO	€ 48,14	1	12



MODVSOL

EQUIPMENTS

AIR VENT

Air Vent

Dimension	Code	Price	s.b.	m.c.
3/4" M	0377851	€ 66,10	1	12
22 mm x 22 mm	2277851	€ 58,17	1	12



MODVSOL

EQUIPMENTS

AIR VENT VALVE

Air vent valve

Dimension	Code	Price	s.b.	m.c.
3/8" M	0177996	€ 45,60	1	12



MODVSOL

EQUIPMENTS

NUTS AND ADAPTERS

Nuts and adapters

Dimension	Code	Price	s.b.	m.c.
3/4" Nut. x 15 mm	03654SET - Adapter for 15 mm copper pipe	€ 2,61	1	-
1" Nut. x 22 mm	04654SET - Adapter for 22 mm copper pipe	€ 3,60	1	-
22 mm - 18 mm	AJCA44SET - Adapter 22-18 mm (set 4 pcs.)	€ 15,53	1	-
3/4"F x 1"M	CYNV04SET - connection 3/4"F x 1"M (set 4 pcs.)	€ 12,02	1	-
1" 1/2	AYHT26SET - Nut and gasket set	€ 2,82	1	-



MODVSOL

EQUIPMENTS

CONNECTOR FOR EXPANSION VESSEL

Connector with double check valve

Dimension	Code	Price	s.b.	m.c.
3/4"	03648SET (with ring nut and gasket)	€ 17,49	1	-
3/4"	03648SET/A (only connector)	€ 15,97	1	-



MODVSOL

EQUIPMENTS

FLEXIBLE KIT FOR EXPANSION VESSEL

Flexible kit for expansion vessel

Dimension	Code	Price	s.b.	m.c.
50 cm	FLEX0350SETB	€ 11,44	1	-
100 cm	FLEX03100SETB	€ 17,47	1	-



MODVSOL

EQUIPMENTS

FIXING BRACKET

Fixing bracket for expansion vessel

Dimension	Code	Price	s.b.	m.c.
-	DAOASOLVE	€ 25,80	1	-



MODVSOL

EQUIPMENTS

MODVSOL EXPANSION VESSEL KIT

ModvSol expansion vessel with fixing bracket

Dimension	Code	Price	s.b.	m.c.
8 L	SETVEMODVSOL8	€ 65,23	1	-
18 L	SETVEMODVSOL18	€ 81,19	1	-
24 L	SETVEMODVSOL24	€ 90,41	1	-



MODVSOL

EQUIPMENTS

CONTROLLER HOLDER

Inserti portacentralina

Dimension	Code	Price	s.b.	m.c.
	ISOL-EG651(SO/PR)	-€ 9,45	1	-
	Suffix "SO" for Resol, Seltron, Sorel and Steca controllers (mod. type TR A502)			
	Suffix "PR" for Prozeda and Seitron controllers			



MODVSOL

EQUIPMENTS

DUBLE RETURN KIT

"Double return" copper pipe kit

Dimension	Code	Price	s.b.	m.c.
-	CFHG04DRM	€ 34,50	1	-