

2014 [®]GB



SIROFLEX[®]

The company's success in the gardening sector dates back to the year 1963. At that time Siroflex had just started to venture into the world of speciality plumbing devices and accessories used to install washing machines and dishwashers.

This range of products called "Orange Line" conquered the market particularly with the innovative invention of the first quick plastic connector for domestic use.

Later with technical research Siroflex diversified and expanded their range to include the Blue Line and Green Line products specifically developed for the "House and Garden". This range benefited greatly from the success of the already established brand name Siroflex.

"House and Garden" not only includes a wide range of watering systems but also a host of practical and useful products including the unique aerator-shower which has become a world wide leader.

Siroflex has helped to expand on the idea of gardening as more than just a hobby with development of a range of completely new products to run alongside the tried and trusted traditional ones resulting in a total range of domestic irrigation systems:

- Standard programme
- Automatic watering systems for balconies
- Capillary irrigation systems
- Electronic timer
- Underground watering systems
- Hydraulic systems

These Green Line systems enable practically any form of irrigation to be installed with minimum effort and maximum effect.

Siroflex have used their remarkable knowledge and expertise to manufacture simple designs resulting in problem free systems, which are easy to use and install.



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Standard Programme

A very comprehensive range of products designed for the mobile and above ground irrigation.

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Automatic watering system for balconies

Ideal for watering plants on balconies and terraces where no electric plug or water tap is available. Particularly useful for automated watering whilst on vacation.

from page 22 to page 23



Capillary Watering System

Designed to water plants by means of module distributors. Suitable for terraces, gardens, vegetable plots and greenhouses. This system can be regulated to use as little as a drip feed to 3 litres per minute.

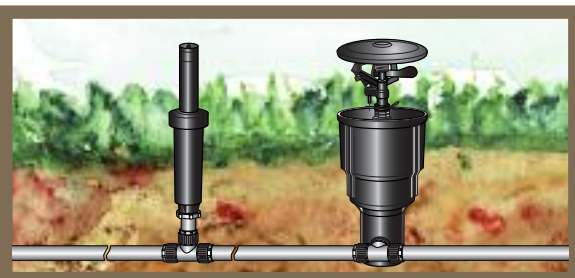
from page 24 to page 26



Electronic Timer

Designed for the automation of the irrigation systems.

page 27



Underground Watering System

A comprehensive system supplied with pop up sprinklers designed specifically for lawns.

from page 28 to page 29



Hydraulic System

A suitable 25 mm PVC rigid pipe and a wide range of polypropylene fittings for the supply of water for drinking purposes.

from page 30 to page 31



Standard Programme

A complete range designed for both mobile and above ground watering. This system includes male couplings, quick connectors, flexible hoses as well as nozzles, standard and pistol sprayers, fixed, mobile, pulsating and oscillating sprinklers. Also included in the range are hose reels, trolleys, garden showers and car wash kits.



Universal rubber connector



For taps without thread

- ref. 4970 - with male coupling
- ref. 4975 - with hose connector
- ref. 4976 - with 3/4" male thread
- ref. 4977 - with hose grip Ø 20 (1/2")
- ref. 4978 - with hose grip Ø 26 (3/4")

Quick connectors



ref. 4450 - with hose grip Ø 20 (1/2")



ref. 4451 - with "stop" valve and hose grip Ø 20 (1/2")



ref. 4451/E - with "stop" valve and hose grip Ø 20 (1/2") **CHEAP MODEL**



ref. 4455 - with hose grip Ø 26 (3/4")
ref. 4458 - high flow (15 mm bore)



ref. 4456 - with "stop" valve and hose grip Ø 26 (3/4")

Male couplings for quick connectors



- ref. 4400 - 3/4" female
- ref. 4401 - 1/2" female
- ref. 4402 - 1" female
- ref. 4403 - 5/8" female
- ref. 4404 - 7/8" female
- ref. 4405 - 22x1M female
- ref. 4406 - 1" F. high flow (15 mm bore) with adapter 1" M - 3/4" F.
- ref. 4421 - USA female



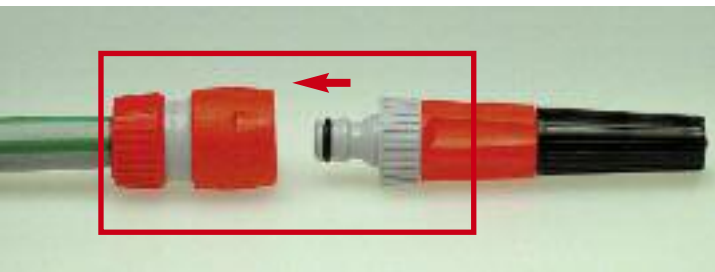
- ref. 4410 - 3/4" male
- ref. 4411 - 1/2" male
- ref. 4415 - 1/4" male
- ref. 4416 - 1" M. high flow (15 mm bore)
- ref. 4420 - USA male



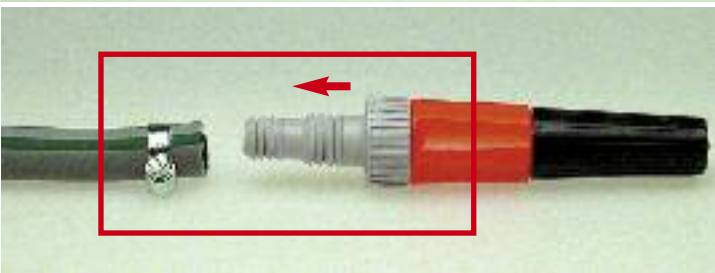
- ref. 4425 - Ø 20 (1/2")
- ref. 4426 - Ø 26 (3/4")



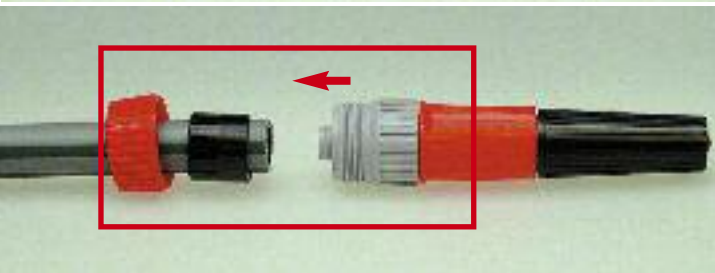
- ref. 4430 - niple
- ref. 4432 - high flow niple (15 mm bore)
- ref. 4433 - niple with 1 high flow male coupling (15 mm bore) and 1 standard male coupling



Connection to the hose of a sprayer with **male coupling**



Connection to the hose of a sprayer with multi-diameter **hose connector**



Connection to the hose of a sprayer with **hose grip**

Assembling of the quick connector



The **Siroflex hose grips** are equipped with an independent tweezer which is manufactured by using a special material guaranteeing the utmost clamping strength

Garden hose



Ø14x19, packed with 2 quick connectors

ref. **4231** - mts. 10
 ref. **4232** - mts. 15
 ref. **4233** - mts. 20
 ref. **4234** - mts. 25



In rolls

ref. **4240** - mts. 50 Ø 14x19
 ref. **4245** - mts. 50 Ø 18x24

Hose menders



ref. **4480** - Ø 20 (1/2")
 ref. **4481** - Ø 26 (3/4")



ref. **4485**
 Ø 20 x 26 (1/2" x 3/4")

"Y" Junctions



ref. **4431** - with 3 male couplings
 ref. **4434** - with 3 high flow male couplings (15 mm bore)
 ref. **4435** - with 1 high flow male coupling (15 mm bore) and 2 standard male couplings (9 mm bore)



ref. **4436** - with 3 hose grips Ø 20 (1/2")
 ref. **4438** - with 3 hose grips Ø 26 (3/4")



ref. **4437** - with quick connector and 2 male couplings

Taps



Spherical tap

ref. **4320** - with 3/4" female - 3/4" male thread
 ref. **4325** - with USA female - USA male thread



Male coupling with spherical tap

ref. **4330** - with 3/4" female thread
 ref. **4335** - with USA female thread

Standard Programme



"Y" Junctions with taps



ref. 4437/1 - with quick connector and 2 male couplings



ref. 4435/1 - with 3 male couplings

ref. 4436/1 - with 3 hose grips Ø 20 (1/2")

ref. 4438/1 - with 3 hose grips Ø 26 (3/4")



ref. 4435/2 - 3/4" female with 2 male couplings

ref. 4436/2 - 3/4" female with 2 hose grips Ø 20 (1/2")

ref. 4438/2 - 3/4" female with 2 hose grips Ø 26 (3/4")

"T" Junctions



ref. 4489 - with 3 hose grips Ø 20 (1/2")

ref. 4490 - with 3 hose grips Ø 26 (3/4")



ref. 4491 - with hose grip Ø 26 (3/4") and 2 male couplings



ref. 4493 - with 2 hose grips Ø 26 (3/4") and 1 male coupling with tap



ref. 4492 - with hose grip Ø 26 (3/4") and 2 male couplings with tap

Elbows



ref. 4495 - with quick connector and male coupling

ref. 4496 - with quick connector and multi-diameter hose connector



ref. 4497 - with quick connector and hose grip Ø 20 (1/2")

ref. 4498 - with quick connector and hose grip Ø 26 (3/4")

Counter assortment



ref. 4742 - 2 cassettes of 50 X 40 cms. each
Contents:

- n. 25 - ref. 4400
- n. 10 - ref. 4401
- n. 10 - ref. 4402
- n. 20 - ref. 4430
- n. 5 - ref. 4431
- n. 50 - ref. 4450
- n. 10 - ref. 4451
- n. 25 - ref. 4455
- n. 10 - ref. 4456
- n. 15 - ref. 4480
- n. 10 - ref. 4481
- n. 5 - ref. 4485
- n. 30 - ref. 4550
- n. 20 - ref. 4755
- n. 10 - ref. 4760
- n. 10 - ref. 4970

Three way manifold



ref. 4520

This 3 way manifold provides the flexible option of 3 individual taps in one outlet. A 3/4" Female cap allows the plugging of the middle outlet. This unique design which is compact and functional provides the option of three separate and adjustable watering outlets in one unit.



Standard Programme

KIT 4428 - Quick fit connector for connection to a GARDEN TAP

Contents:

- 1 - 3/4" F. quick connector
- 1 - male coupling with hose grip Ø 20 (1/2")
- 1 - "aerator-shower" with male coupling



This solves the problem of **connecting a hose to the garden tap**.
This quick fit connector also allows the fitting of an "aerator-shower" allowing normal use of the tap.



KIT 4429 – Quick fit connector for connection to a KITCHEN, BATHROOM or UTILITY ROOM TAP

Contents:

1 - 22X1F-24x1M CHROMED quick connector

1 - male coupling with hose grip Ø 20 (1/2")

1 - chromed "aerator-shower" with male coupling

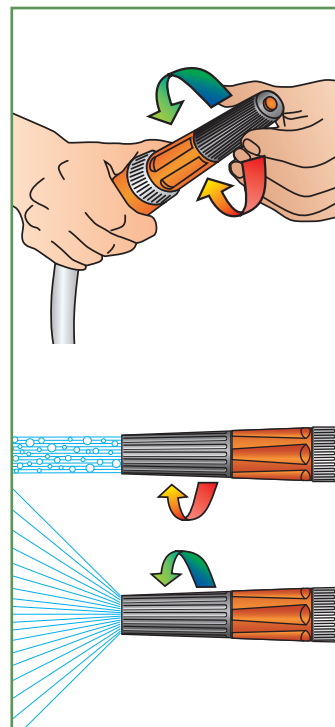


This solves the problem of **connecting a garden hose to the kitchen, bathroom or utility room tap to water plants on a balcony or terrace.**

This quick fit connector also allows the fitting of an "aerator-shower" allowing the normal use of the tap.



Standard Programme



Quick connectors



Without "stop" valve

- ref. 4460 - 3/4" male thread
- ref. 4461 - 1/2" male thread
- ref. 4462 - USA male thread



- ref. 4465 - 3/4" female thread
- ref. 4466 - 1/2" female thread
- ref. 4467 - USA female thread



With "stop" valve

- ref. 4463 - 3/4" male thread



- ref. 4468 - with 3/4" female thread
- ref. 4469 - with USA female thread

Nozzles



1" Nozzle

- ref. 4545 - with male coupling (9 mm bore)
- ref. 4546 - with high flow male coupling (15 mm bore)
- ref. 4547 - with hose grip Ø 20 (1/2")
- ref. 4548 - with hose grip Ø 26 (3/4")
- ref. 4549 - 1" male thread



3/4" Nozzle

- ref. 4550 - with male coupling
- ref. 4551 - with multi-diameter hose connector
- ref. 4552 - with hose grip Ø 20 (1/2")
- ref. 4553 - with hose grip Ø 26 (3/4")
- ref. 4554 - 3/4" male thread

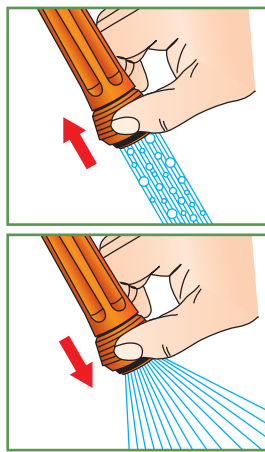
Hose grips




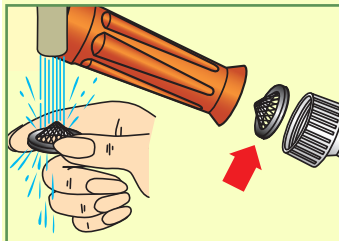
- ref. 4471 - Ø 20 with 3/4" male thread
- ref. 4476 - Ø 26 with 3/4" male thread



- ref. 4470 - Ø 20 with 3/4" female thread
- ref. 4472 - Ø 20 with 1/2" female thread
- ref. 4473 - Ø 20 with 1" female thread
- ref. 4474 - Ø 26 with 1/2" female thread
- ref. 4475 - Ø 26 with 3/4" female thread
- ref. 4477 - Ø 26 with 1" female thread



The items marked with  are equipped with "screen washer"



Pistol grips



Nozzle with pistol grip

- ref. 4600 - with male coupling
- ref. 4601 - with multi-diameter hose connector
- ref. 4602 - with hose grip Ø 20 (1/2")
- ref. 4603 - with hose grip Ø 26 (3/4")
- ref. 4604 - with high flow male coupling (15 mm bore)



Standard spray with pistol grip

- ref. 4605 - with male coupling
- ref. 4606 - with multi-diameter hose connector
- ref. 4607 - with hose grip Ø 20 (1/2")
- ref. 4608 - with hose grip Ø 26 (3/4")
- ref. 4609 - with high flow male coupling (15 mm bore)



"Siroflex" aerator spray with pistol grip

- ref. 4610 - with male coupling
- ref. 4611 - with multi-diameter hose connector
- ref. 4612 - with hose grip Ø 20 (1/2")
- ref. 4613 - with hose grip Ø 26 (3/4")

Sprays



Standard

- ref. 4555 - with male coupling
- ref. 4556 - with multi-diameter hose connector
- ref. 4557 - with hose grip Ø 20 (1/2")
- ref. 4558 - with hose grip Ø 26 (3/4")



Standard with tap

- ref. 4755 - with male coupling
- ref. 4756 - with multi-diameter hose connector
- ref. 4757 - with hose grip Ø 20 (1/2")
- ref. 4758 - with hose grip Ø 26 (3/4")



"Siroflex" aerator spray

- ref. 4560 - with male coupling
- ref. 4561 - with multi-diameter hose connector
- ref. 4562 - with hose grip Ø 20 (1/2")
- ref. 4563 - with hose grip Ø 26 (3/4")



"Siroflex" aerator spray with tap

- ref. 4760 - with male coupling
- ref. 4761 - with multi-diameter hose connector
- ref. 4762 - with hose grip Ø 20 (1/2")
- ref. 4763 - with hose grip Ø 26 (3/4")



Rectangular with tap

Discontinued

Standard Programme



Extended sprays



ref. 4615 - Pistol grip with quick connector and male coupling



ref. 4616 - Pistol grip with quick connector and male coupling supplied with standard spray and "Siroflex" aerator spray



ref. 4616/1 - Standard spray for ref. 4615

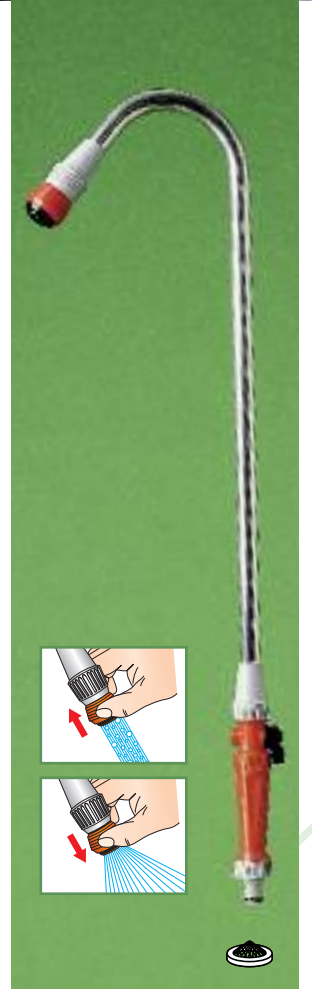


ref. 4616/2 - "Siroflex" aerator spray for ref. 4615



Standard (70 cms.) with tap

- ref. 4750 - with male coupling
- ref. 4751 - with multi-diameter hose connector
- ref. 4752 - with hose grip Ø 20 (1/2")
- ref. 4753 - with hose grip Ø 26 (3/4")



"Siroflex" for hanging basket (60 cms.) with tap

- ref. 4750/5 - with male coupling
- ref. 4751/5 - with multi-diameter hose connector
- ref. 4752/5 - with hose grip Ø 20 (1/2")
- ref. 4753/5 - with hose grip Ø 26 (3/4")



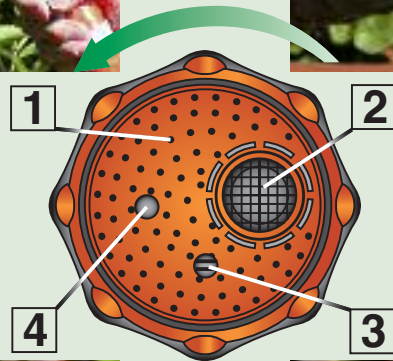
One product 4 functions



Standard spray



Aerator spray



Jet spray



Mist spray



MULTIFUNCTION spray

MULTIFUNCTION spray with pistol grip

ref. 4605/5 with male coupling

ref. 4606/5 with multi-diameter hose connector

ref. 4607/5 with hose grip Ø 20 (1/2")

ref. 4608/5 with hose grip Ø 26 (3/4")



MULTIFUNCTION spray with on/off lever

ref. 4755/5 with male coupling

ref. 4756/5 with multi-diameter hose connector

ref. 4757/5 with hose grip Ø 20 (1/2")

ref. 4758/5 with hose grip Ø 26 (3/4")



Standard Programme

Sprinklers on spike

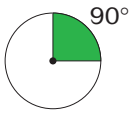
- Fixed at 360° - 180° - 90°**
 ref. 4575 - 360° with male coupling
 ref. 4575/1 - 180° with male coupling
 ref. 4575/2 - 90° with male coupling
 ref. 4576 - 360° with multi-diameter hose connector
 ref. 4576/1 - 180° with multi-diameter hose connector



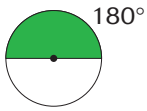
- ref. 4576/2 - 90° with multi-diameter hose connector
 ref. 4577 - 360° with hose grip Ø 20 (1/2")
 ref. 4577/1 - 180° with hose grip Ø 20 (1/2")
 ref. 4577/2 - 90° with hose grip Ø 20 (1/2")
 ref. 4578 - 360° with hose grip Ø 26 (3/4")
 ref. 4578/1 - 180° with hose grip Ø 26 (3/4")
 ref. 4578/2 - 90° with hose grip Ø 26 (3/4")
 Spike without sprinkler
 ref. 4579 - 3/4" male with male coupling

Fixed sprinklers

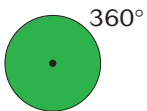
Approximate technical data



- Atm. 1 = radius mts. 4,5
l/min. 3,0
 Atm. 2 = radius mts. 5,0
l/min. 4,5
 Atm. 3 = radius mts. 5,5
l/min. 5,5



- Atm. 1 = radius mts. 4,5
l/min. 5,5
 Atm. 2 = radius mts. 5,0
l/min. 8,5
 Atm. 3 = radius mts. 5,5
l/min. 10,0



- Atm. 1 = Ø mts. 6,0 - l/min. 6,0
 Atm. 2 = Ø mts. 7,5 - l/min. 9,0
 Atm. 3 = Ø mts. 9,0 - l/min. 11,5



With thread

- ref. 4567 - 90° - 3/4" female
 ref. 4569 - 180° - 3/4" female
 ref. 4571 - 360° - 3/4" female



With tap

- ref. 4567/1 - 90° - 3/4" female
 ref. 4569/1 - 180° - 3/4" female
 ref. 4571/1 - 360° - 3/4" female



With quick connector

- ref. 4566 - 90°
 ref. 4568 - 180°
 ref. 4570 - 360°



Mobile arm

- ref. 4585 - with male coupling
 ref. 4586 - with multi-diameter hose connector
 ref. 4587 - with hose grip Ø 20 (1/2")
 ref. 4588 - with hose grip Ø 26 (3/4")



Pulsating (adjustable)

- ref. 4595 - with male coupling
 ref. 4596 - with multi-diameter hose connector
 ref. 4597 - with hose grip Ø 20 (1/2")
 ref. 4598 - with hose grip Ø 26 (3/4")

Mobile sprinklers



Mobile arm

- ref. 4580 - with quick connector



Mobile arm

- ref. 4581 - with 3/4" female thread



Pulsating (adjustable)

- ref. 4590 - with quick connector



Pulsating (adjustable)

- ref. 4591 - with 1/2" male thread
 ref. 4591/1 - with 3/4" female thread



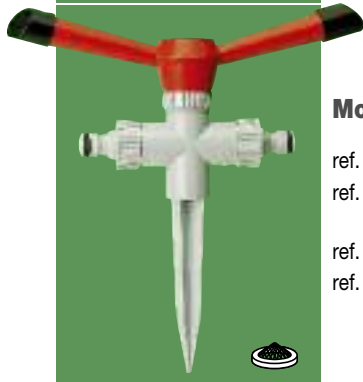
Sprinklers on spike for in line coupling



Fixed at 360°

- ref. 4775 - with male couplings
- ref. 4776 - with multi-diameter hose connectors
- ref. 4777 - with hose grips Ø 20 (1/2")
- ref. 4778 - with hose grips Ø 26 (3/4")

Spike for in line coupling without sprinkler
ref. 4779 - 3/4" male with male couplings



Mobile arm

- ref. 4785 - with male couplings
- ref. 4786 - with multi-diameter hose connectors
- ref. 4787 - with hose grips Ø 20 (1/2")
- ref. 4788 - with hose grips Ø 26 (3/4")



Pulsating (adjustable)

- ref. 4795 - with male couplings
- ref. 4796 - with multi-diameter hose connectors
- ref. 4797 - with hose grips Ø 20 (1/2")
- ref. 4798 - with hose grips Ø 26 (3/4")

Approximate technical data

Mobile arm sprinklers

Atm. 1,5 = Ø mts. 7,0 l/min. 8,0
Atm. 2 = Ø mts. 9,0 l/min. 9,0
Atm. 2,5 = Ø mts. 10,5 l/min. 10,0
Atm. 3 = Ø mts. 12,0 l/min. 11,5

Pulsating sprinklers

Atm. 2 = Ø mts. 23,0 l/min. 14,0
Atm. 2,5 = Ø mts. 24,0 l/min. 16,0
Atm. 3 = Ø mts. 24,5 l/min. 17,0
Atm. 3,5 = Ø mts. 25,0 l/min. 19,0

Sprinklers on GEMINI base



Gemini fixed

ref. 4630 - 360° with male coupling



Gemini mobile arm

ref. 4640 - with male coupling



Gemini pulsating adjustable (ballasted)

ref. 4650 - with male coupling



Gemini base (ballasted)

ref. 4660 - with male coupling and flow regulator

Sprinklers to be connected to ref.4660



- ref. 4566 - fixed at 90°
- ref. 4568 - fixed at 180°
- ref. 4570 - fixed at 360°
- ref. 4580 - mobile arm
- ref. 4590 - pulsating (adjustable)

Standard Programme



Tripods



Tripod with male coupling and flow regulator

ref. 4686 - height 110 cms.
ref. 4687 - height 60 cms.
ref. 4688 - height 40 cms.

Sprinklers on tripod



Fixed at 360°

ref. 4666 - with male coupling height 110 cms.
ref. 4667 - with male coupling height 60 cms.
ref. 4668 - with male coupling height 40 cms.



Mobile arm

ref. 4671 - with male coupling height 110 cms.
ref. 4672 - with male coupling height 60 cms.
ref. 4673 - with male coupling height 40 cms.

Sprinklers to be connected to ref. 4686/4687/4688



ref. 4580

ref. 4566
ref. 4568
ref. 4570

ref. 4590

ref. 4566 - fixed at 90°
ref. 4568 - fixed at 180°
ref. 4570 - fixed at 360°
ref. 4580 - mobile arm
ref. 4590 - pulsating (adjustable)



Pulsating (adjustable)

ref. 4681 - with male coupling height 110 cms.
ref. 4682 - with male coupling height 60 cms.
ref. 4683 - with male coupling height 40 cms.

Garden showers



On tripod

ref. 4765 - with tap and swivel

Without tripod

ref. 4766 - with quick connector and swivel



On spike of steel

ref. 4767 - with tap and swivel



Extension for brush

ref. 4622



Car wash brushes



ref. 4620 - with male coupling and tap



Shampoo for brush

ref. 4624 - 10 sticks



Car wash kit ref. 4625

contents:
ref. 4620
ref. 4624
ref. 4550
ref. 4450
ref. 4451
ref. 4400
ref. 4991



Car wash kit ref. 4627

contents:
ref. 4620
ref. 4624
ref. 4600
ref. 4450
ref. 4451
ref. 4400
ref. 4991



Standard Programme

Oscillating sprinklers

adjustable spray coverage from 10° to 100° with 15 and 19 orifice spray bar

Sector adjustment (surface to water) by moving the two black cams which are located on the turbine.

Performance:

15 orifice spray bar: 2 bar/28 psi \cong 20 m² \rightarrow max. 110 m²

4 bar/56 psi \cong 35 m² \rightarrow max. 200 m²

19 orifice spray bar: 2 bar/28 psi \cong 25 m² \rightarrow max. 130 m²

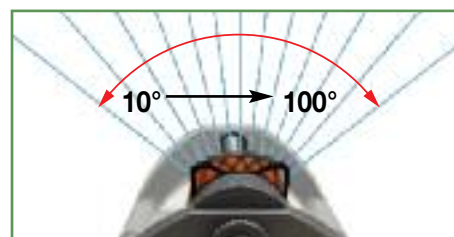
4 bar/56 psi \cong 40 m² \rightarrow max. 220 m²



Serie 2001 - with aluminium spray bar

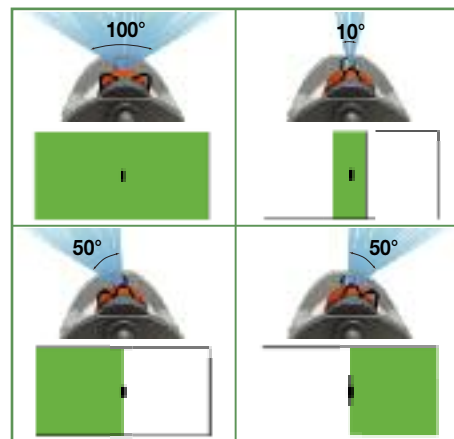


ref. 4689 - 15 orifice spray bar



ref. 4689/1 - as above

comprises a base to fit the sprinkler on tripod and an elbow with quick connector and male coupling (ref. 4695)



ref. 4690 - 19 orifice spray bar



ref. 4690/1 - as above

comprises a base to fit the sprinkler on tripod and an elbow with quick connector and male coupling (ref. 4695)





Serie 2002 - with ABS spray bar



ref. 4691 - 15 orifice spray bar



ref. 4691/1 - as above

comprises a base to fit the sprinkler on tripod and an elbow with quick connector and male coupling (ref. 4695)



ref. 4692 - 19 orifice spray bar



ref. 4692/1 - as above

comprises a base to fit the sprinkler on tripod and an elbow with quick connector and male coupling (ref. 4695)



ref. 4995/1 - spike with fixing nut for oscillating sprinklers ref. 4689/1, 4690/1, 4691/1 and 4692/1



ref. 4695 - plastic tripod - height 60 cms. comprises an elbow with quick connector and male coupling, for oscillating sprinklers ref. 4689/1, 4690/1, 4691/1 and 4692/1



Spare parts



ref. 4689/6 - 15 orifice aluminium spray bar

ref. 4690/6 - 19 orifice aluminium spray bar

ref. 4691/6 - 15 orifice ABS spray bar

ref. 4692/6 - 19 orifice ABS spray bar



Standard Programme

Trolleys and hose reel Serie 2000

Manufactured in aluminium and polypropylene

Light, resistant and handy.
In elegant suitcase 40X40X16 cms.



Hose reel



ref. 4852 - hose reel for 50 mts.
of garden hose Ø 14 x 19 (1/2")



Hose reel mounting plate

ref. 4852/7 - GREY



Hose reel
hanged
on the wall
by the
mounting
plate



Hose Trolley



- ref. 4857 - trolley for 50 mts. of garden hose
Ø 14 x 19 (1/2")
- ref. 4862 - trolley for 70 mts. of garden hose
Ø 14 x 19 (1/2")
- ref. 4867 - trolley for 90 mts. of garden hose
Ø 14 x 19 (1/2")



Hose hanger

- ref. 4895 - GREY
- ref. 4895/1 - WHITE
- ref. 4895/2 - YELLOW
- ref. 4895/3 - ORANGE
- ref. 4895/4 - GREEN
- ref. 4895/5 - BLUE



Automatic watering systems for balconies

Ideal for watering plants on balconies and terraces where no electric plug or water tap is available. Particularly useful for automated watering whilst on vacation. Two kits are available: up to 20 pots (ref. 5200) or up to 40 pots (ref. 5250)

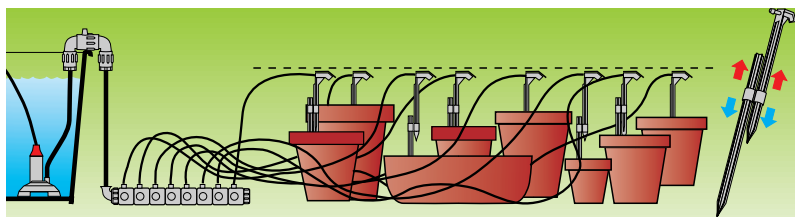


Kit 5200 x 20 pots



Contents:

- 1 battery-operated twilight electronic timer 5700 (n. 8 - AA - LR6 -1.5 V alkaline batteries); batteries' lifespan: ca. 40 days
- 1 12 V submerged electro pump
- 1 meter black hose Ø 10X13 mms.
- 1 anti-syphon valve equipped with elbows and hose connectors
- 10 module distributors equipped with two connections each for mini-sprinklers on spike
- 1 3/4" female cap - 1 niple - 1 small black cap
- 1 angled stem with nut
- 40 meters black capillary hose Ø 4X6 mms. (it is divided into 20 hoses, 2 meters long each)
- 20 mini-sprinklers on spike
- 10 mini-sprinkler extensions
- 10 double rings to be used with mini-sprinkler extensions
- 5 water flow regulators



Water quantity per day

Container* capacity for 30 days

Use of n° 20 mini-sprinklers = ca. 2,20 litres	ca. 80 litres
Use of n° 15 mini-sprinklers = ca. 2,00 litres	ca. 75 litres
Use of n° 10 mini-sprinklers = ca. 1,75 litres	ca. 65 litres

The set up of this system is very simple. All you need is to arrange all the pots next to the water container where a small 12 V electro-pump should be immersed. The same pump is joined to the mini-sprinklers by means of the distributor.

When using the kit **5250** the two electro-pumps can be immersed in one or two water containers.

A **battery operated** electronic timer equipped with a twilight sensor will start operating at sunset and will deliver to each pot a sufficient amount of water for plants to survive. The water cycle lasts 32 seconds.

The availability of 20 (**kit 5200**) or 40 (**kit 5250**) mini-sprinklers allows to water either up to 20 or up to 40 pots as you require. The mini-sprinklers may also be employed with a smaller number of pots, if plants need larger amounts of water.

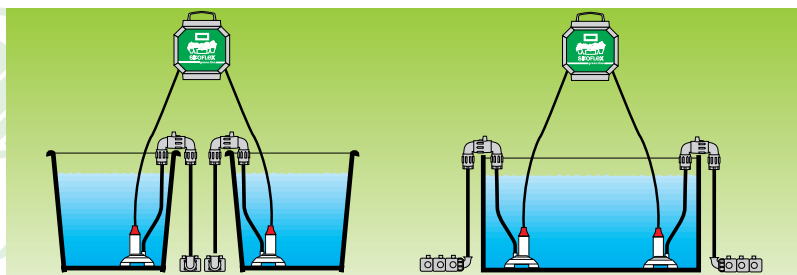


Kit 5250 x 40 pots



Contents:

- 1 battery-operated twilight electronic timer 5705 (n. 8 - C - LR14 - 1.5 V alkaline batteries); batteries' lifespan: ca. 40 days
- 2 12 V submerged electro pumps
- 2 meters black hose Ø 10X13 mms.
- 2 anti-syphon valves equipped with elbows and hose connectors
- 20 module distributors equipped with two connections each for mini-sprinklers on spike
- 2 3/4" female caps - 2 niplax - 2 small black caps
- 2 angled stems with nuts
- 80 meters black capillary hose Ø 4X6 mms. (it is divided into 40 hoses, 2 meters long each)
- 40 mini-sprinklers on spike
- 20 mini-sprinkler extensions
- 20 double rings to be used with mini-sprinkler extensions
- 10 water flow regulators



Water quantity per day

Containers* capacity for 30 days

Use of n° 40 mini-sprinklers = ca. 4,50 litres **ca. 80 litres x 2**

Use of n° 30 mini-sprinklers = ca. 4,00 litres **ca. 75 litres x 2**

* The capacity of the water containers is evaluated by taking into consideration the fluctuations of water consumption and many other phenomena, e.g. water evaporation; it has to be thought of as an approximate value and the minimum indispensable water quantity.

Capillary Watering System

Capillary watering system is equipped with module distributor for terraces, gardens, vegetable plots and greenhouses.

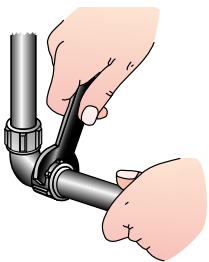
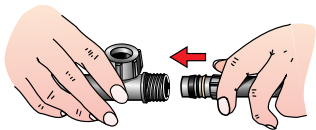
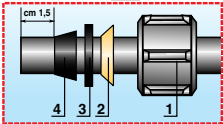
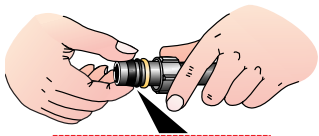
Especially useful for watering plants at their roots which provides a considerable water saving. This system eliminates all the problems that could arise from over watering i.e. excessive weeds and insects, it also reduces water evaporation.

This **irrigation system** is so flexible that the needs of each individual plant can be satisfied by monitoring the quantity of water required from a drip feed to 3 litres of water per minute.



Components

Assembling instructions



ref. 5050 - P.V.C. rigid pipe
20 mms. external diameter,
2,50 mts. length



ref. 5053 - 20 mms. pipe clip



ref. 5055 - 3/4" female fitting



ref. 6050 - joint with turning nut
3/4" male
3/4" female



ref. 5060 - "T" junction



ref. 5065 - 90° elbow



ref. 5066 - 135° elbow



ref. 5070 - pipe mender

This very handy and economical watering system is very simple to assemble and has been designed to enable even the absolute novice to solve any problem that may be encountered. The number of parts required for this system has been minimized for purposes of simplicity:

- A full range of polypropylene fittings with PVC rigid pipe, 20 mms. in diameter, to assemble the watering system
- A 2-way module distributor equipped with taps to supply water and a 4X6 mms. capillary hose
- A mini-sprinkler on spike to water just one plant at the time.

● Three range micro-sprayers (90° - 180° - 360°) to slowly water a small lawn, a strawberry patch or a flowerbed.

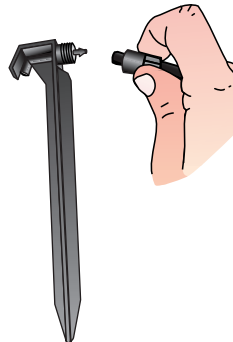
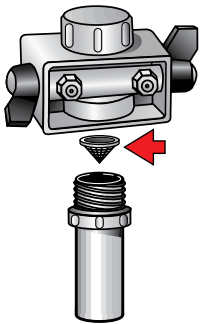
Both mini-sprinklers and micro-sprayers can be used at the same time in a capillary watering system.

This system can be automated by fitting the Electronic Timer 5500 (see page 27).

When using the electronic timer during the winter the main tap should be turned off and the timer's battery removed. It should also be covered during freezing temperatures.

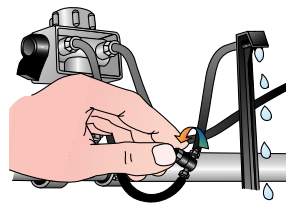


ref. 5074 - end cap

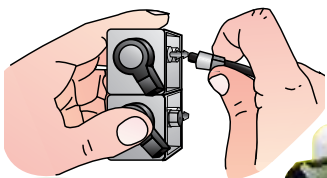


ref. 5010 - mini-sprinkler on spike

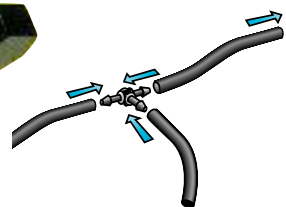
ref. 5075 - 3/4" male adaptor with screen washer



ref. 5018 - flow regulator

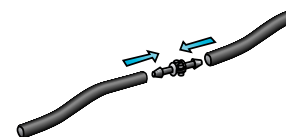


ref. 5001 - module distributor
3/4" female -3/4" male
with 2 taps



ref. 5022 - "T" junction

ref. 5035 - 3/4" female cap for module distributors



ref. 5032 - hose mender



ref. 5012 - double ring to extend the spikes and adjust the height



Capillary watering system

The operating lifespan of the irrigation system will be much longer if:

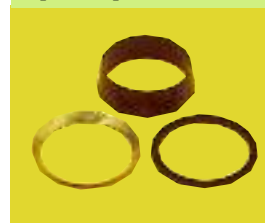
- the amount of water distributed to the mini-sprinklers and micro-sprayers is carefully monitored.
- whenever the water is not smooth, check carefully and clean up the screen washer, which is situated between the module and the adaptor.
- if the mini-sprinkler or the micro-sprayer becomes obstructed, please check that no insect has blocked the water passage.
- if you are not using the watering system during the winter months, discharge the remaining water. In this respect, it is necessary when installing the system, that you have made provision for the insertion of the closing cap (ref. 5074) at the terminal, which has been designed for this purpose.

Capillary hose Ø 4 x 6 mms.



- ref. 5040 - 100 mts. roll
- ref. 5045 - 50 mts. roll
- ref. 5048 - 25 mts. roll

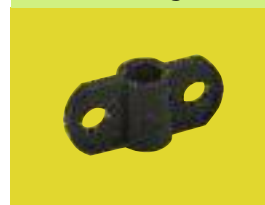
Spare parts



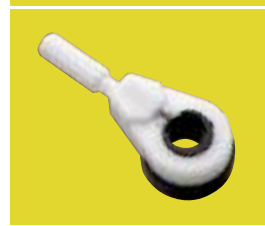
- ref. 5062 - rubber conical washer
- ref. 5063 - acetalic copolymer ring
- ref. 5064 - brass ring

- ref. 5011/20 - 20 cms spike for micro-sprayers
- ref. 5011/30 - 30 cms spike for micro-sprayers

Assembling accessories



- ref. 5016 - key to tighten the micro-sprayers



- ref. 5085 - pipe cutter for 20 mms. and 25 mms. diameter pipes



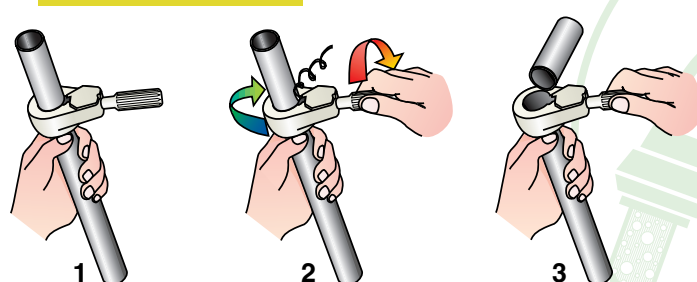
- ref. 5080 - key to tighten the nuts

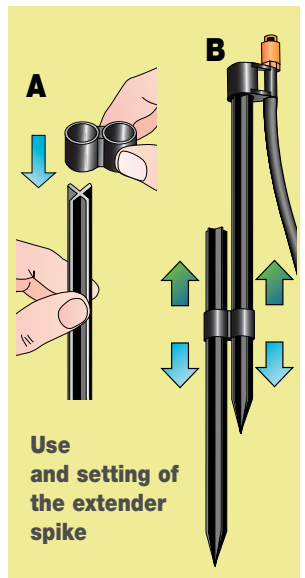
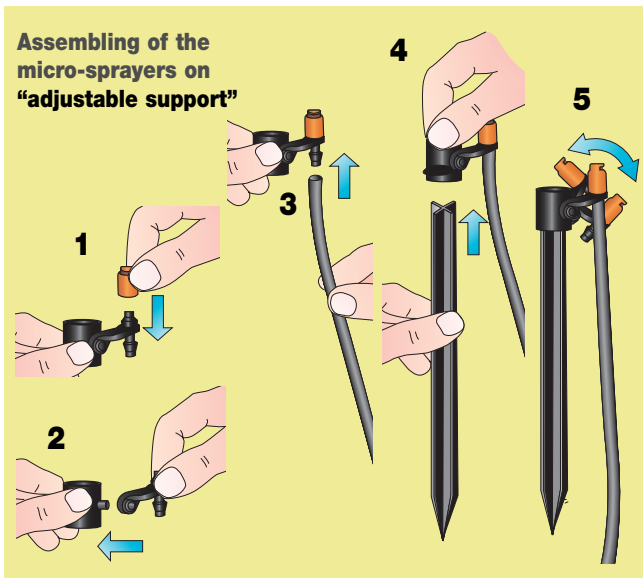
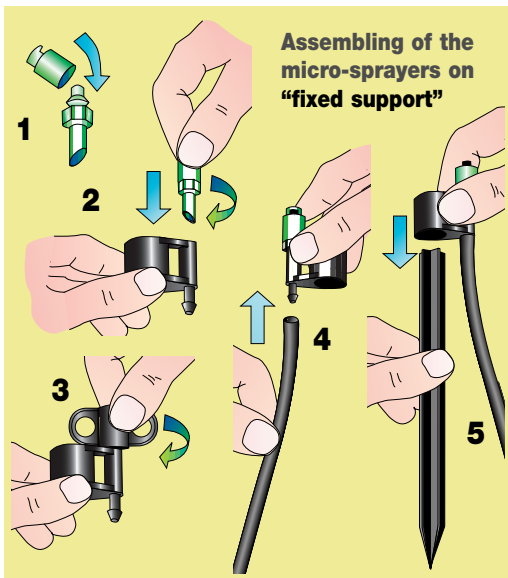
- A** ref. 5017 - micro-sprayers support
- B** ref. 5017/0 - adjustable micro-sprayers support (to be used with nozzles ref. 5013/0 - 90° or ref. 5014/0 - 180°)

- A** ref. 5013 - 90° micro-sprayer (green)
- B** ref. 5013/0 - 90° micro-sprayer nozzle (green)

- A** ref. 5014 - 180° micro-sprayer (orange)
- B** ref. 5014/0 - 180° micro-sprayer nozzle (orange)

- A** ref. 5015 - 360° micro-sprayer (black)
- B** ref. 5015/0 - 360° micro-sprayer nozzle (black)





Electronic Timer 5500



This is the ideal solution to automatically water your plants on terraces, gardens, vegetable plots or in greenhouses. Its main features are as follows:

- a very simple electronic system where the day, the time and the duration of watering can be selected by simply turning 3 small knobs.
- an advanced technology which guarantees total automation, maximum precision and long lifespan (1 year warranty).
- it operates perfectly, on both low and high water pressures.

Features

- Liquid crystal clock
- Can be used once from 1 to 55 minutes, daily, every other day, every 3, 5, 7 days
- Powered by n. 1 9V alkaline battery
- Low consumption microprocessor
- It works at pressure from 0 to 8 bars
- Can be operated manually without disrupting the memorised computer programme
- Entry and exit 3/4" thread

Starting watering time

Clock button



Watering days

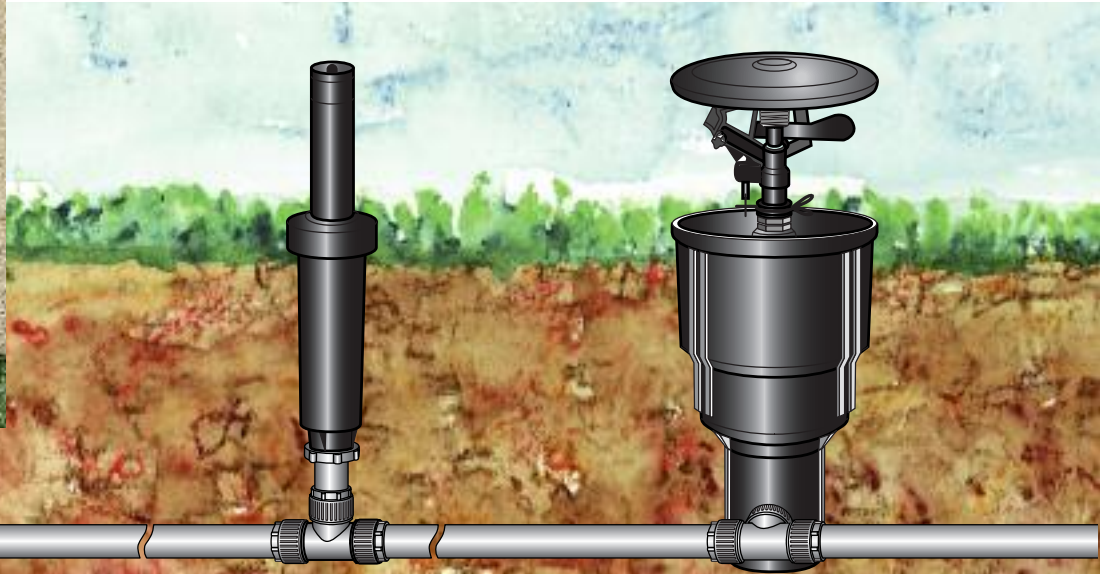
- 1 = everyday - 2 = every other day
- 3 = every 3 days - 5 = every 5 days
- 7 = every 7 days
- M = manual water setting.

Duration of watering

Underground watering system

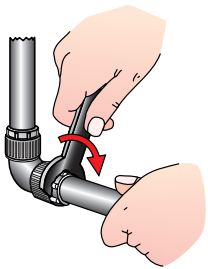
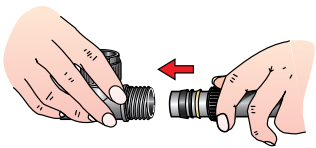
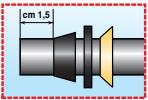
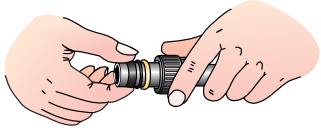
Fixed watering system for lawns, it includes:

- polypropylene fittings,
- 25 mms. in diameter PVC rigid pipe,
- "pop up" sprinklers: fixed (90° - 180° - 360°) or pulsating



Components

Assembling instructions



ref. 6050 - joint with turning nut
3/4" male
3/4" female



ref. 6055 - 3/4" female fitting



ref. 6060 - "T" junction



ref. 6065 - 90° elbow
ref. 6066 - 135° elbow



ref. 6070 - pipe mender



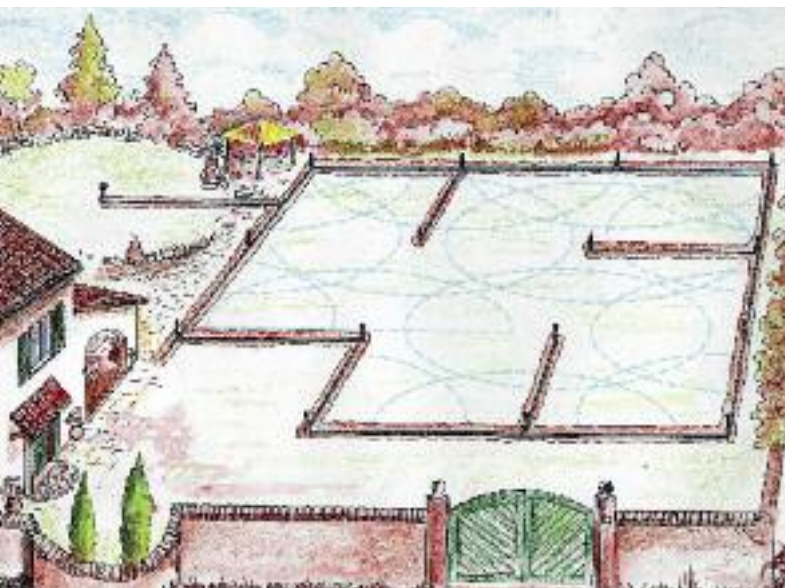
ref. 6075 - 25 mms. adaptor
1/2" male
ref. 6076 - 25 mms. adaptor
3/4" male



ref. 4200 - PVC rigid pipe
25 mms.
external diameter,
2,50 mts. length



ref. 4210 - 25 mms. pipe clip



Pop up sprinklers

Approximate technical data

ref. 6572

Atm. 1,4 radius mts. 3,6 l/min. 2,7

Atm. 1,75 radius mts. 4,3 l/min. 3

Atm. 2,1 radius mts. 4,6 l/min. 3,4

ref. 6573

Atm. 1,4 radius mts. 3,6 l/min. 5,7

Atm. 1,75 radius mts. 4,3 l/min. 6,4

Atm. 2,1 radius mts. 4,6 l/min. 7,2

ref. 6574

Atm. 1,4 radius mts. 2,8 l/min. 11,4

Atm. 1,75 radius mts. 3,5 l/min. 12,5

Atm. 2,1 radius mts. 3,9 l/min. 14



Fixed sprinklers (ht = 10 cms.)
1/2" female bottom thread

ref. 6572 - 90°

ref. 6573 - 180°

ref. 6574 - 360°



ref. 6592 - pulsating
sprinkler (adjustable)

1/2" female bottom
and side thread

Assembling accessories



ref. 5080 - key to tighten
the nuts



ref. 5085 - pipe cutter
for 20 mms.
and 25 mms.
diameter pipes

Spare parts



ref. 6062 - rubber conical
washer

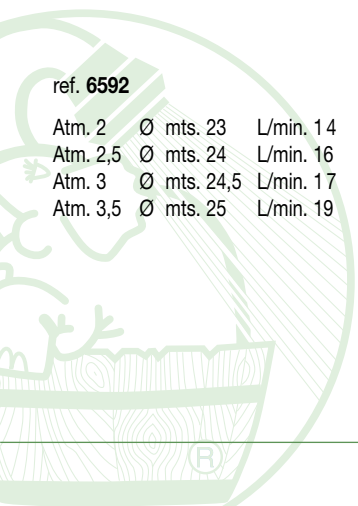
ref. 6063 - acetalic
copolymer ring

ref. 6064 - brass ring

Electronic Timer 5500



For the automation of any kind of
watering system (see page 27)





Hydraulic System

It includes polypropylene fittings and a PVC rigid pipe, 25 mms. in diameter suitable for the distribution of drinking water. The assembly of the plastic piping is both simple and economical.

- The **Siroflex Hydraulic System** can be installed above or underground. The latter guarantees a longer lifespan of its components. This system can be easily modified, removed and reused.
- The **Siroflex Hydraulic System** conveys water everywhere, to vegetable plots, gardens, camp-sites, lawns, and greenhouses...
- The **Siroflex Hydraulic System** endures the standard pressures by a wide margin of safety. In fact it has been tested up to 10 bars at the water temperature of the waterworks.

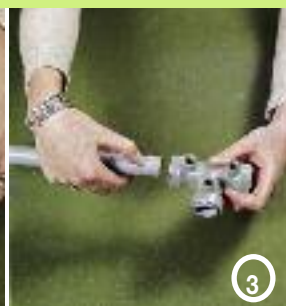
Assembling instructions



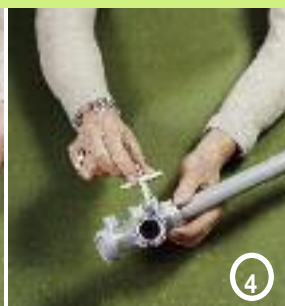
1 Measure the pipe length you need



2 Cut the pipe by using ref. 5085



3 Fit the pipe completely into the fitting



4 Drill the pipe by means of the proper key (ref. 4270) by screwing it into the threaded holes of the fitting



5 Tighten and lock the special anchorage screw

Assembling accessories



ref. 5085 - pipe cutter for 20 mms. and 25 mms. diameter pipes



ref. 4270 - drilling tool

Electronic Timer 5500



For the automation of any kind of watering system (see page 27)

Components



Female fitting

- ref. 4040 - 1/2"
- ref. 4041 - 3/4"
- ref. 4042 - 1"



Male fitting

- ref. 4030 - 1/2"
- ref. 4031 - 3/4"



ref. 4960 - thread sealing tape

ref. 4200 - PVC rigid pipe 25 mms. external diameter, 2,50 mts. length



ref. 4210 - 25 mms. pipe clip



ref. 4000 - 90° offtake



ref. 4010 - 90° elbow



ref. 4011 - 135° elbow



ref. 4020 - coupling



ref. 4050 - female end cap

ref. 4051 - male end cap



ref. 4440 - quick shutting male coupling



ref. 4300 - tap with multi-diameter hose connector

ref. 4302 - tap with male coupling



ref. 4310 - female/female through tap

ref. 4311 - male/female through tap



ref. 4130 - adaptor with hose grip Ø 26 (3/4")



ref. 4101 - 1/2" male adaptor

ref. 4102 - 3/4" male adaptor

ref. 4111 - 1/2" female adaptor

ref. 4112 - 3/4" female adaptor

Watering boxes for underground systems



ref. 4500 Control box

It is provided with a female/female through tap (ref. 4310). For the control of an area with one or more exit boxes and for closure of the system.

ref. 4510 Exit box

It is provided with a quick shutting male coupling (ref.4440) which, when is used with sprayers or sprinklers, enables quick cut-off as well as modulation of water flow. The exit box can be used as in line tap or shut-off valve. In the latter case, a male end cap should be fitted on the outlet (ref.4051).

Sprinklers to be connected to ref. 4510



ref. 4580

ref. 4566

ref. 4568

ref. 4570

ref. 4566 - fixed at 90°

ref. 4568 - fixed at 180°

ref. 4570 - fixed at 360°

ref. 4580 - mobile arm

ref. 4590 - pulsating (adjustable)

ref. 4590



SIROFLEX 