

# POPE inline timer

## INSTALLATION AND PROGRAMMING INSTRUCTIONS

### LCD VERSION

*Thank you for purchasing the revolutionary Pope Inline Timer. You're only minutes away from easily fully automating your garden watering system.*

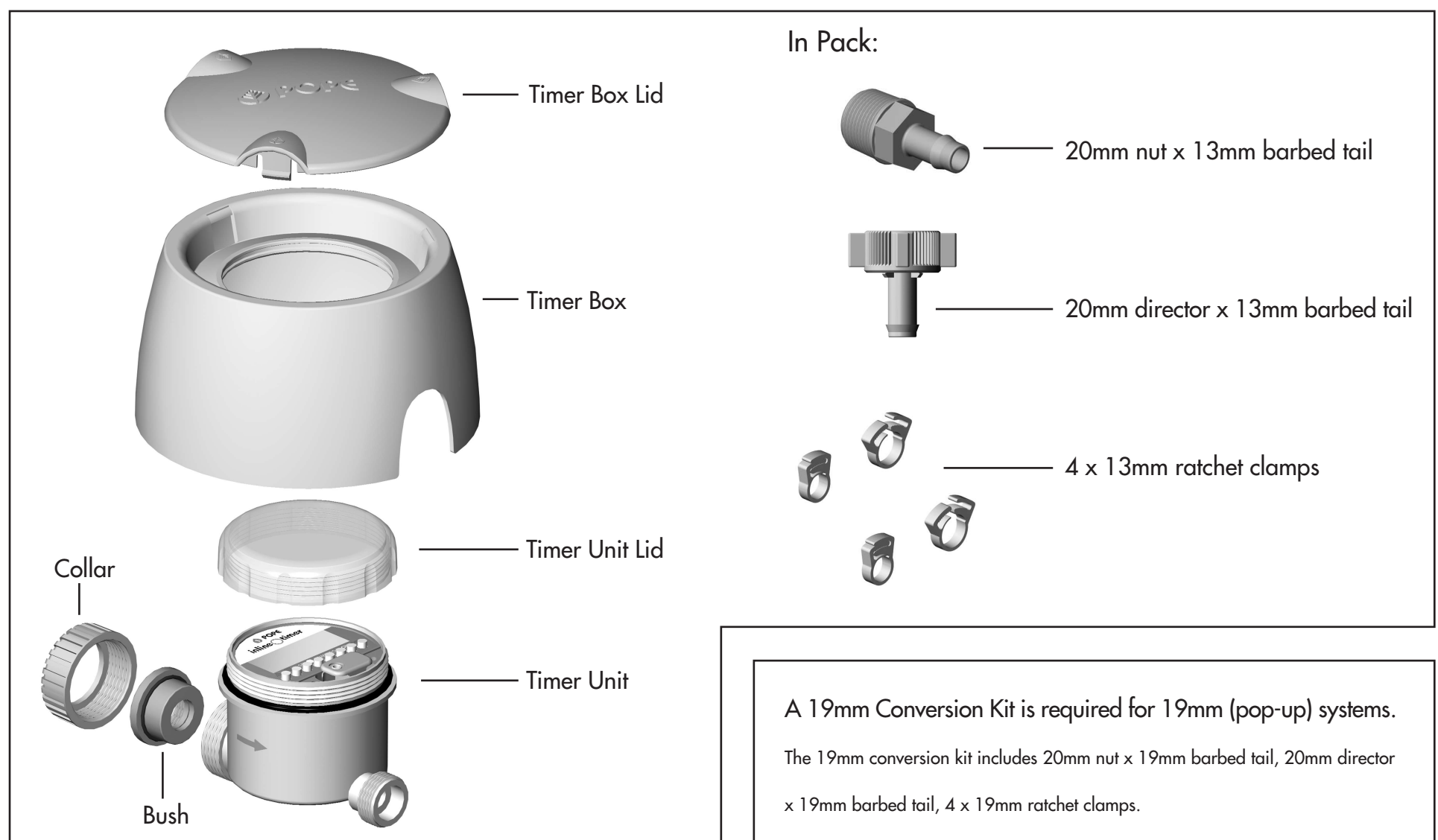
*Everything you need for a 13mm (spray or dripper) system is included, except batteries.*

*For 19mm (pop-up sprinkler) systems you will need to buy a Pope Inline Timer 19mm Conversion Kit.*

*Please take some time to read the simple Installation and Programming Instructions below. It includes some important information you will need to know, to make your automated watering easy and hassle free.*

- No wiring! No plumbing!
- Automatic watering straight from your tap
- Suits existing irrigation systems
- Perfect for new watering systems
- Replaces in-line taps
- Can be placed above or below ground
- Complete flexibility
- Build your system at your leisure
- Simple operation
- Water and tamper resistant
- Battery operated

#### YOUR POPE INLINE TIMER INCLUDES:



#### PRIOR TO INSTALLATION IN NEW OR EXISTING FIXED IRRIGATION SYSTEMS:

##### 1. CHECK YOUR AVAILABLE WATER PRESSURE

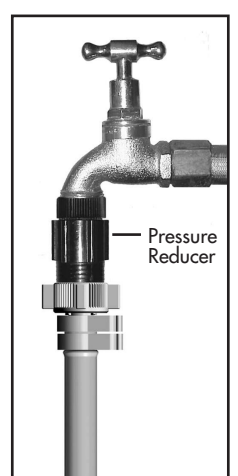
Low density poly pipe (ie the black poly pipe used in most home irrigation systems) by Australia Standards, should be able to withstand water pressure of 300kPa.

If your available water pressure at home is higher than this, you may have longer term problems with your fixed irrigation system.

Most people are usually aware if they have high water pressure. If you are unsure, you can check your water pressure by using a pressure gauge which will give you an accurate measurement. Or as a simple guide only, you can do a quick bucket test. If it takes less than 20 seconds to fill a 9 litre bucket, it is likely your pressure is higher than 300kPa. In this instance you may want to take more precise measurements, or simply install a Pope Inline Timer Pressure Reducer (product code 1010089).

So, while your Pope Inline Timer is rated to withstand pressure of up to 600kPa, we suggest you consider using a Pope Inline Timer Pressure Reducer to ensure that your poly pipe system is operating under the best possible conditions.

For extra peace of mind, consider installing an Automatic Tap Timer – to act as a Master Timer – directly to your tap, prior to connecting your irrigation system. When programmed to synchronise with your Inline Timers, this will mean your water will shut off at the tap when your Inline Timers are not in operation. Just program your Master Timer to come on before your first Inline Timer program, and to shut off after your last Inline Timer has finished.



2. PROGRAM THE TIMER UNIT

**PROGRAM THE TIMER UNIT**

Insert 2 x good quality AA Alkaline batteries

Set the Current Time and day

Set Watering Program

**Control Key Definitions**

▼ Or ▲

Advance or reverse key  
(eg setting hours, minutes, programs etc)

⌚

Display current time.

SET

Confirm input data

TIME

Set current time and day

PROG

Set Watering Program (1 – 16)  
or review watering program data

PROG OFF

(Together) Erase all

ON

Manual open key

OFF

Manual close key

**SET CURRENT TIME AND DAY**  
(The Pope InlineTimer - LCD uses a 24 hour clock)

Set hour:

1. Press TIME

The hour will flash

Adjustment range: 0 – 23

Press SET when correct.

8:00

Set day:

4. Press ▼ or ▲

The weekday selection will flash

Sunday, (Su) Monday (Mo), etc

Press SET when correct.

8:30

Set minutes:

3. Press ▼ or ▲

The minute range will flash

Adjustment range: 0 – 59

Press SET when correct.

8:30

5. The AUTO display comes on.

8:30

**SET WATERING PROGRAM**

1. Press PROG

AUTO

PROG START TIME RUN TIME

1 0:00 0:00

2. Press ▲ or ▼

Choose the desired program. Adjustment range: 1 – 16

Press SET to confirm the selected program. START TIME hour will flash

3. Press ▲ or ▼

AUTO

PROG START TIME RUN TIME

1 6:00 0:00

Choose the hour to START watering

Adjustment range 0 – 23 hours

Press SET to confirm the START TIME hour. The minute range will flash

4. Press ▲ or ▼

AUTO

PROG START TIME RUN TIME

1 6:10 0:00

Choose the minute to START watering

Adjustment range 0 – 59 minutes

Press SET to confirm the START TIME minutes. The run time range will flash

5. Press ▲ or ▼

AUTO

PROG START TIME RUN TIME

1 6:10 0:00

Choose how many hours run time for the program. Adjustment range 0 – 9

Press SET to confirm the hours set for the run time. The minutes will flash

6. Press ▲ or ▼

AUTO

PROG START TIME RUN TIME

1 6:10 0:15

Choose how many minutes to run the program. Adjustment Range 0 – 59 minutes

Press SET to confirm the minutes set for the run time. The 2nd symbol (for watering days/frequency) will flash

7. Press ▲ or ▼

AUTO

PROG START TIME RUN TIME

1 6:10 0:15

Choose between watering days or frequency. Every 2nd day watering is automatically selected and will flash.

2nd = waters every second day eg Sunday, Tuesday, Thursday and Saturday appears. If correct move to ⌚ press ▲ or press ▼ to change.

3rd = waters every third day eg Sunday, Wednesday, Saturday appears. If correct move to ⌚ press ▲ or press ▼ to change.

To select watering days

Press SET on flashing day to select day,

and ▲ or ▼ to move between days. More than one day can be chosen. When complete move to ⌚ and press SET

Repeat steps 2 through 7 for additional programs

To review set programs

1. Press PROG

AUTO

PROG START TIME RUN TIME

1 6:10 0:15

2. Press ▲ or ▼ to review each program.

Press ⌚ to return to the current time

**MANUAL OPERATION**

You can bypass the programs set in your Pope® Inline Timer - LCD by using manual operation.

To Set Manual On (for water flow)

1. Press ON

AUTO TIME ON

Mo

6:10 0:15

RUN TIME hour of watering will flash

Adjustment range 0-9 hours

Press PROG to confirm the hours set for run time. The minutes of run time will start to flash

3. Press ▲ or ▼

AUTO TIME ON

Mo

6:10 0:15

RUN TIME minutes of watering will flash

Adjustment range 0 – 59minutes

Press SET to start water flow for RUN TIME selected.

4. Press OFF

Mo

6:10 0:15

Low battery indicator

When the battery is running low an indicator will appear and the valve will automatically close.

AUTO TIME

Mo

6:10 0:15

3. BEFORE INSTALLING THE POPE INLINE TIMER

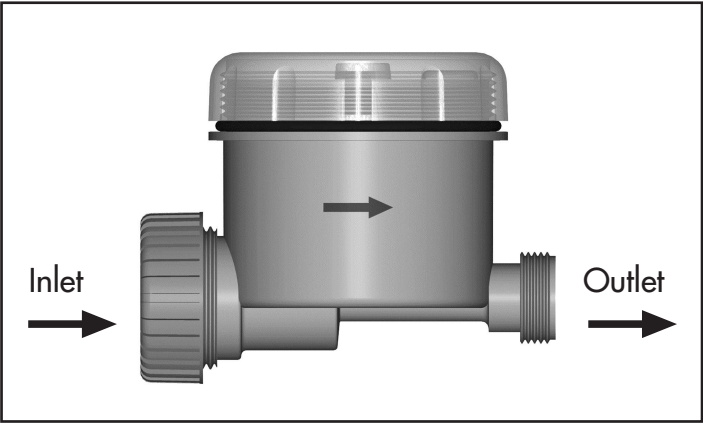
You will need one Pope Inline Timer for each separate zone (or area) in your garden.

Ensure the Timer Unit has batteries and has been programmed correctly.

Clearly identify the inlet and the outlet end of the timer unit.

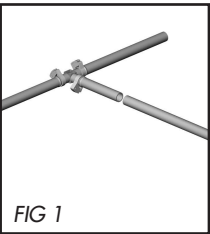
DO NOT assemble the fittings to both the inlet and outlet end of the timer unit.

For existing systems, conduct a visual inspection of your existing poly pipe and fittings to ensure that the poly pipe is in good condition, your fittings are secure, and any drippers, sprays, pop-ups etc and are in good working order.

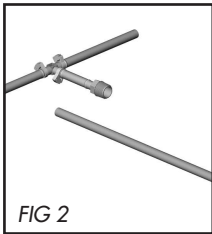


4. TO INSTALL

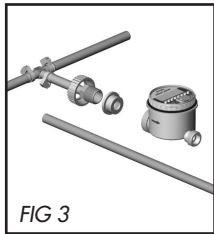
Ensure your garden tap is turned off.



1. Make one clean cut to your existing poly pipe where your Pope Inline Timer inlet unit will go.

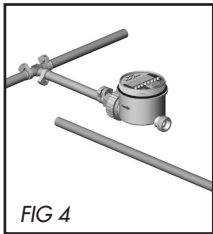


2. Push director securely into poly pipe.

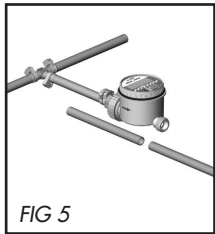


3. Remove collar and bush from inline timer. Place collar around director and screw bush onto director.

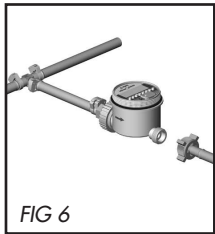
Insert bush into inline timer and re-connect collar. Do NOT over tighten collar, use pliers or other tools to tighten as this may crack the collar, which could cause leaking. You may want to use thread tape to reduce the possibility of leaking.



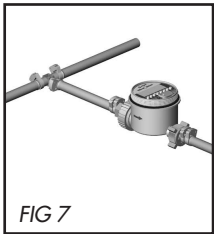
4. Securely clamp together using 2 x 13 mm ratchet clamps (included).



5. To connect the outlet end, cut the poly pipe again, allowing enough gap for the Inline timer unit, and enough poly pipe to connect to the outlet end.



6. Connect nut and tail (included) to the outlet end of the poly pipe and screw onto outlet end of timer unit.



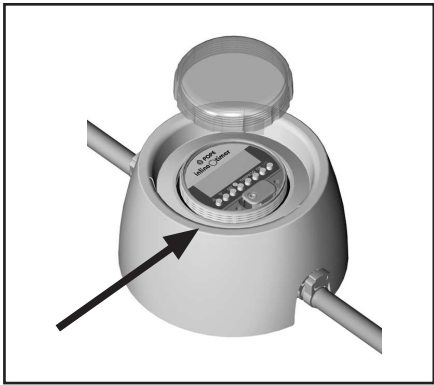
7. Use 2 x 13mm ratchet clamps to hold in place (included).

DO NOT ASSEMBLE TIMER BOX.

Once all fittings are secure, check the operation of the Inline Timer by setting the program to manual (follow instructions above). When testing is complete, return the timer unit to the program mode, fit the timer box to the Inline timer unit, screw on waterproof cover and cover with lid.

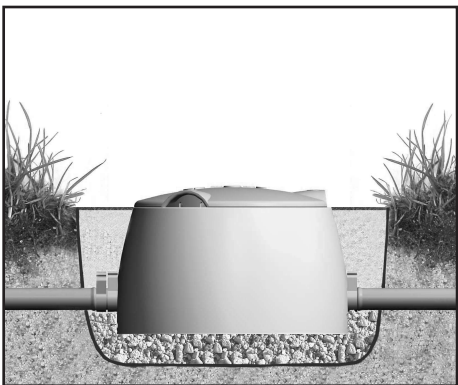
5. CONNECTING THE INLINE TIMER BOX TO THE INSTALLED TIMER UNIT

Remove the screw on Timer Lid from the Timer Unit. Line up poly pipe with outlets on Timer Box. Place your hand underneath the Timer Unit, and push the Timer Unit up through the Timer Box. Make sure you have the Timer Unit evenly placed in the Timer Box, and that the thread is clearly visible through the top. Screw on the Timer Lid. Keep turning the Timer Lid until you hear the Timer Unit "snap" into the holding lugs of the Timer Box. You should keep tightening until the lid is completely screwed on. Snap Timer Box Lid in place.



6. BURYING THE TIMER

If burying the Pope Inline Timer ensure the hole is big enough to fit the entire unit. The hole should be dug deeper by about 20 cm and filled with gravel to ensure adequate drainage. The lid of the timer box should be flush with the ground. Before assembling the entire unit and backfilling, ensure the Inline Timer is fully operational, and that your system is performing correctly.



CHECKLIST

- ☒ Did you check your available water pressure?
- ☐ Did you install a Pressure Reducer?
- ☐ Is your poly tube in good condition?
- ☐ Is your Inline Timer correctly installed?

- ☐ Did you double clamp each side of the Pope In- Line Timer?
- ☐ Is your Inline Timer correctly programmed?
- ☐ Have you used good quality, new AA Alkaline Batteries?
- ☐ Is the timer unit lid securely tightened?
- ☐ If buried underground, is your Inline Timer on a bed of gravel or other good drainage material?