



EMJAY[®] IRRIGATION MANIFOLD BY MICROJET[®]

The versatile, easy-to-use, high quality manifold for
DIY & Professional Irrigation Systems

**Ideal for connecting your
multi-station irrigation
system to the water mains
or pump**

**Automatic:
For use with 1" BSP electric
solenoid valves for fully
automatic watering**

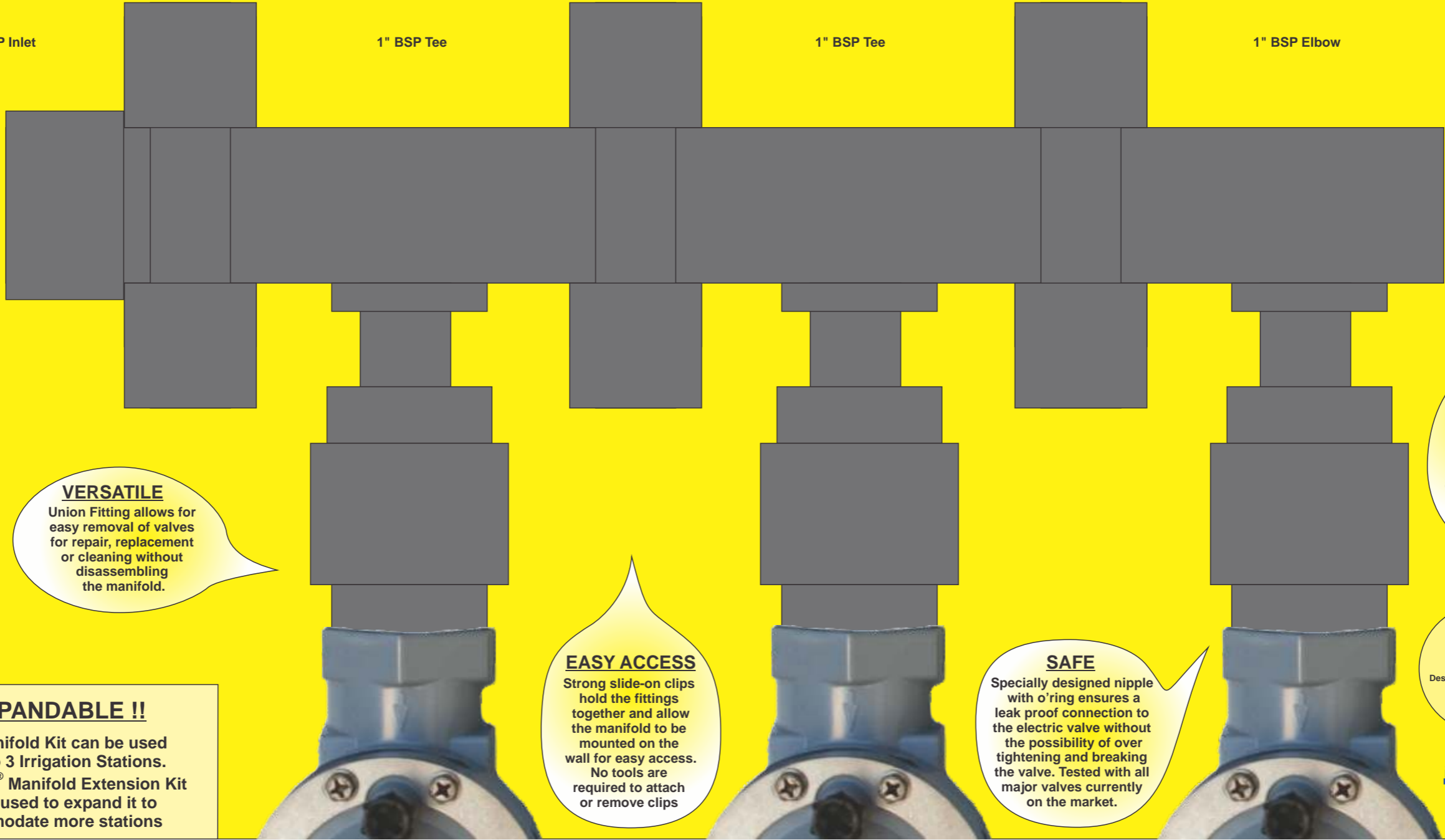
**Manual:
Manual valves or tap timers
with 1" BSP threads can be
connected to each station**

1" BSP Inlet

1" BSP Tee

1" BSP Tee

1" BSP Elbow



VERSATILE
Union Fitting allows for
easy removal of valves
for repair, replacement
or cleaning without
disassembling
the manifold.

STRONG
Unique
Clip-together
Fittings need
no tools and
are leak-proof
and strong!
Tested to
14Bar

EASY ACCESS
Strong slide-on clips
hold the fittings
together and allow
the manifold to be
mounted on the
wall for easy access.
No tools are
required to attach
or remove clips

SAFE
Specially designed nipple
with o'ring ensures a
leak proof connection to
the electric valve without
the possibility of over
tightening and breaking
the valve. Tested with all
major valves currently
on the market.



EXPANDABLE !!
This Manifold Kit can be used
for up to 3 Irrigation Stations.
The Emjay[®] Manifold Extension Kit
can be used to expand it to
accommodate more stations





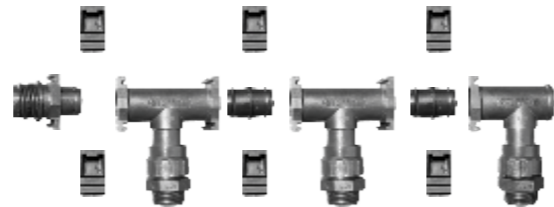
EMJAY[®] IRRIGATION MANIFOLD

BY MICROJET[®]

Most household irrigation systems require more than one watering station because there is usually not enough water to irrigate the whole garden at once. For example, a typical irrigation system would have between 3 and 6 stations, or even more for larger areas. Each of these stations needs to be controlled by a valve of some sort. The Emjay[®] Manifold makes it easy to control these multiple stations either automatically or manually. It can be easily expanded or modified as your garden grows, for more stations or even for a hosepipe connection.

This Manifold Kit Contains:

- 1 x Male Inlet (1" BSP)
- 2 x Union Tees (1" BSP incl nipple)
- 1 x Union Elbow (1" BSP incl nipple)
- 6 x Wall-Mount Clips
- 2 x Manifold Couplings



This Kit is suitable for 3 valves (stations).

Buy the EMJAY[®] MANIFOLD EXTENSION KIT to extend the manifold for more stations.

The Emjay[®] Manifold was developed with strength, durability and versatility in mind:

- † It has been tested to a working pressure of 14Bar (140 kPa) and stress tested with over 20,000 on/off cycles.
- † It is made from high quality virgin engineering plastics for strength. Carbon black gives it the best possible resistance to UV degradation. We do, however, still recommend that it is installed out of direct sunlight.
- † It is completely designed and manufactured in South Africa to suit our conditions.
- † It can be easily extended using the Emjay[®] Manifold Extension Kit. (sold separately)
- † Should the valves need to be repaired or replaced, this can be done quickly and easily. Simply loosen the union nut and the valve can be removed without disturbing or disassembling the rest of the manifold.
- † If you do need to disassemble the manifold (for example to add another station), this can be done by simply sliding the locking clips off and pulling the fittings apart.
- † This kit utilises wall-mount locking clips to easily attach the manifold to the wall. We suggest it is first mounted to a rigid board which can then be attached to the wall to ensure that the manifold sits flat. It can also be installed in the ground in a valve box.
- † Should only 2 stations be required, clips can be slid off and one of the tees removed or an Emjay[®] 1" BSP Threaded End Cap can be used to close off one station until later.
- † It is recommended that all electrical and water connections are carried out by suitably qualified technicians.

Microjet, Emjay, Full Flow are all registered trademarks
© Microjet Irrigation 2012



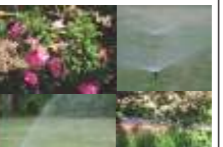
Designed and manufactured by:
Microjet Irrigation Systems
PO Box 279, Eppindust, 7475
www.microjet.co.za, sales@microjet.co.za

Product Code: PN80



3-Station Manifold Kit

Step-by-step Instructions:

 Prepare mounting board and attach manifold using rust resistant screws. Attach board with manifold to wall.	 Remove inlet from manifold by sliding off clips. Attach water supply to inlet (use shut-off valve and backflow preventer inline). Re-connect inlet to manifold.	 Remove nipples from manifold and screw tightly into valves ensuring that they bottom-out against the o'ring. Make sure that the BSP side of the nipple is used for the valve.	 Measure and cut polypipe to correct height for manifold, allowing space for the valve.	 Connect polypipe to valves using Full Flow [®] Male Adaptor (sold separately).
 Connect valve/nipple assembly to manifold using union nut. Ensure that the o'rings are still in place and hand tighten.	 Connect solenoid valves to irrigation controller (sold separately) using the control wires.	 Flush all irrigation lines by leaving endcaps off and running water through all stations to avoid clogging.	 Turn on, sit back and watch your garden grow.	 Should you need to run your hosepipe from the same water source, use Snap-on [®] Shut Off Valve on one of the stations. For this a 1" x 3/4" reducing socket is required.

Please note: All Water and Electrical connections should be carried out by a certified professional. This product is designed and manufactured for irrigation purposes.

