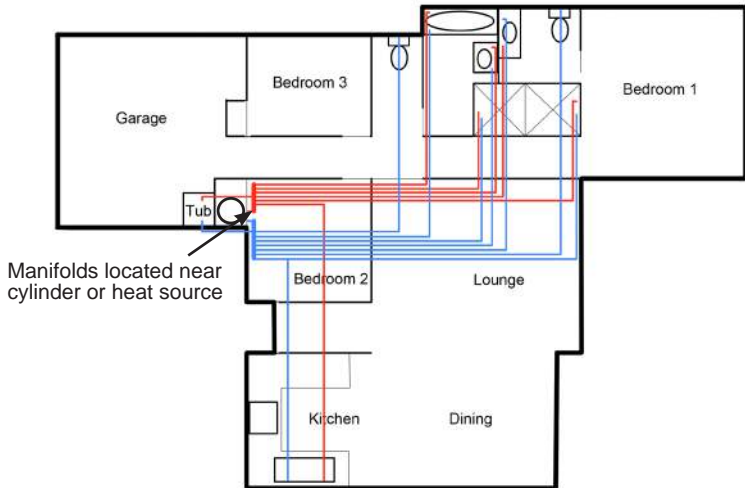




# Manifold System



SPK – Easy Flow Manifold System draws from 50 over years of experience from Europe and America and is the new wave of design for New Zealand domestic plumbing installations.

The advantages provided by Easy Flow are numerous and the simplicity and speed of installation is second to none.

## Easy Flow Manifold system provides

- Balanced pressure
- Even flow rates
- Water savings – Less water wasted saving money over the life of the system
- Energy savings – Less hot water wasted
- Quick installation and simple design
- Priority feeds to every outlet, no restrictions from tees and elbow fittings
- Individual outlet isolation for maintenance



Simply locate a manifold with enough ports to feed the entire house as close to the hot water cylinder or instantaneous water heater as possible and run a single 16mm OD (11mm ID) dedicated line to each individual outlet. The cold feed for to the manifold should be drawn off after the limiting valve to ensure perfectly balanced pressure.

The Easy Flow system provides water and energy savings throughout the life of the system because of the dedicated line to each fitting. Hot water arrives quicker at each outlet and less hot water is left to cool in the pipe than a traditional line and branch system.

Easy Flow is extremely fast to install as each pipe is run in a continuous length so no fittings are required, no cutting and joining of pipe work saving time and money and because each outlet has a dedicated feed no pipe sizing is required, meaning you can never get the design wrong.

Pipe work can also be run under the slab in a continuous length, halving pipe out time because no holes need to be drilled in timber. Conduit is available to allow pipes to be replaced without cutting concrete after the service life of 50+ years has concluded.

Single hot water lines, can be run from the hot water cylinder to the kitchen a maximum of 21.5 meters complying with regulation in NZS 4305:1996 which limits the volume of the kitchen hot line to 2 litres from cylinder to outlet.

Manifolds come with various outlet numbers and can be joined to create the desired number of feeds per individual job.

