

EVERYTHING YOU NEED TO PLUMB A STORAGE HOT WATER SYSTEM **QUICKLY**

Quickie

QUICK INSTALLATION KITS



Save time
on installation
with a **Quickie**



- There is a Kit to suit your state
- Installations are always done the same way
- Kits tailored to suit your needs



FOR MORE INFORMATION
VISIT OUR WEBSITE AT
WWW.AVG.NET.AU

AVG
Australian Valve Group

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Quickie Kits

The R&D team at AVG have developed the Quickie kit for Storage Hot Water Systems with the best interests of the Plumber in mind.

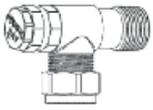
The AVG Storage Quickie Kit is the most comprehensive and versatile installation kit for storage hot water systems, on the Australian/New Zealand market. Within the Quickie Kit range there are kits to suit , Electric storage, Gas storage, Solar & Heat Pump systems.

The outstanding feature of all these kits is that they come complete with all insulation to cover not only the AVG Heating Control Valves, but also the brass fittings necessary to complete the installation. Saving the plumber substantial time and therefore money.

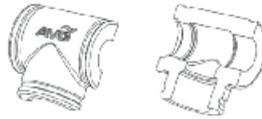
10 Reasons to buy a AVG Quickie Kit:

- **Every thing you need in the one box** - No missing parts on the job.
- **Quick and Simple**
- **There's a Quickie kit to suit** - Gas storage, Electric storage, Solar hot water systems, and Heat pumps.
- **Reduces the need for thread seal tape**
- **Reduces the time on installations.**
- **Simple and & Easy to Assemble** - All installations are done the same.
- **Flexible** - Quickie kits can be modified to meet different installation requirements in various states and councils, i.e. the expansion control valve or pressure reduction valve can easily be added to the Kit
- **Easily accessible filters**
- **Insulation** - Insulation provided is UV stabilised and water resistant.
- **Kits available in 15mm and 20mm.**

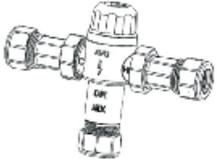
Quickie Kit Parts



HOTWATER OUTLET x 1



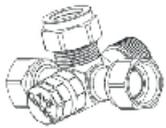
HOTWATER OUTLET GLOVE HALVES x 1 SET



TEMPERING VALVE x 1



TEMPERING VALVE GLOVE HALVES x 1 SET



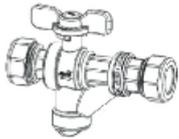
QUICKIE 4WAY x 1



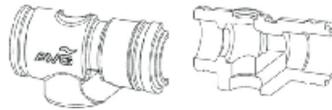
FIBRE WASHER x 2



QUICKIE 4WAY GLOVE HALVES x 1 SET



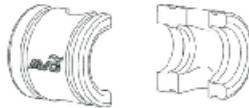
STOP TAP NON RETURN x 1



STOP TAP NON RETURN GLOVE HALVES x 1 SET



EXPANSION CONTROL x 1



EXPANSION CONTROL GLOVE HALVES x 2 SETS
(SECOND SET FOR PTR VALVE NOT SUPPLIED)



OPTIONAL PLUG x 1



PTR DRAIN FITTING x 1



CABLE TIE x 17

Quickie Kit models available



valve
insulation
included

Large easily
removable filters

PTR insulation included

Kits available:

QIK15

QIK20

QIK15
850

QIK20
850

QIK15
1200

QIK20
1200

QIK15
SOLAR

QIK20
SOLAR

Quickie Kit Base Model - ECV

Storage 15mm (1/2") &
20mm (3/2")

ECV drain line
union included

Optional sealing
disc included

ECV not included

What's in this 15mm kit:

- AVG Tempering valve TVA15C
- AVG NRIBV-15C
- 4-way tee c/w filter
- Elbow c/w filter
- PTR drain line union
- 3 x fibre washers
- Optional sealing disc
- AVG ECV15/1200
- AVG ECV15/850

Large easily
removable filters

Quickie R

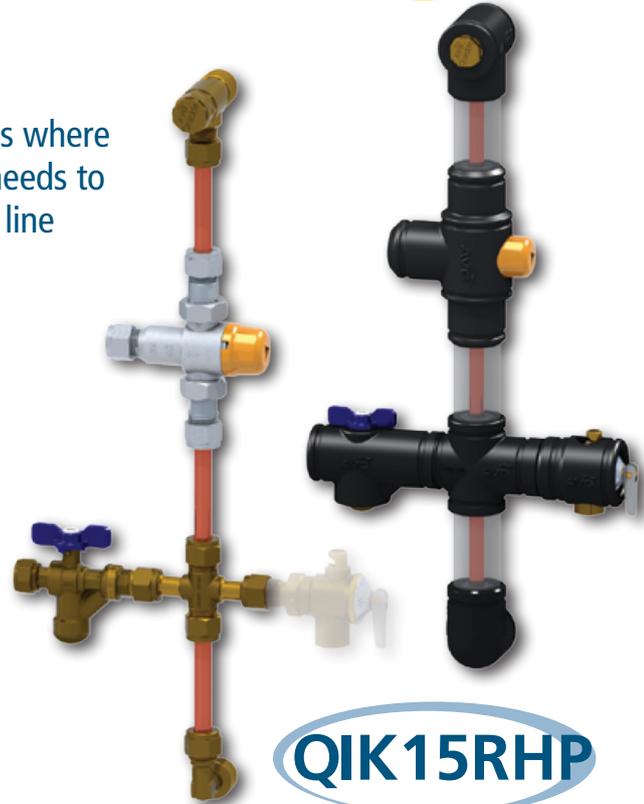
RAISED QUICK INSTALLATION KITS

valve
insulation
included



QIK15R

For those situations and tanks where the expansion control valve needs to be raised to allow for a drain line



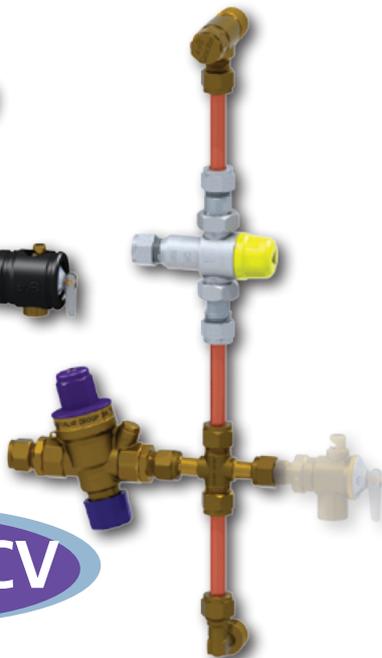
QIK15RHP

QIK15R

The NRI-PRV is a valuable addition when used in conjunction with AVG Quickie Kit for storage hot water systems



QIK15RCV



QIK15RCVHP

HOW TO ASSEMBLE

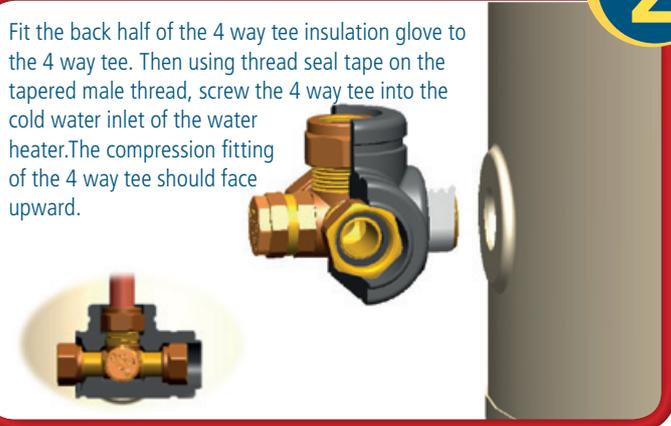
1

Using thread seal tape on the tapered male thread, screw the fitting into the hot water outlet of the water heater with the compression outlet of the fitting facing downward.



2

Fit the back half of the 4 way tee insulation glove to the 4 way tee. Then using thread seal tape on the tapered male thread, screw the 4 way tee into the cold water inlet of the water heater. The compression fitting of the 4 way tee should face upward.



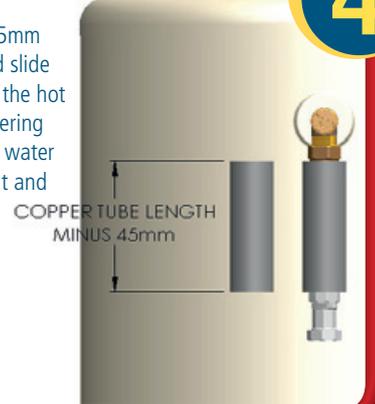
3

Cut a length of copper tube to a minimum of 185mm (to achieve a minimum centre distance of 250mm between the hot water outlet centreline and the tempering valve mixed outlet centreline in accordance with AS3500.4 – 2003 clause 8.4 b Heat Traps). Fit the copper tube into the hot water outlet fitting and tighten the nut and olive.



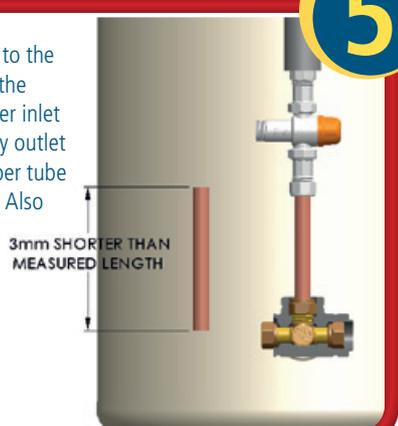
4

Cut a length of pipe insulation 45mm shorter than the copper tube and slide it onto the copper tube. Remove the hot water inlet fitting from the Tempering valve assembly and fit to the hot water inlet copper tube. Tighten the nut and olive to fix in place.



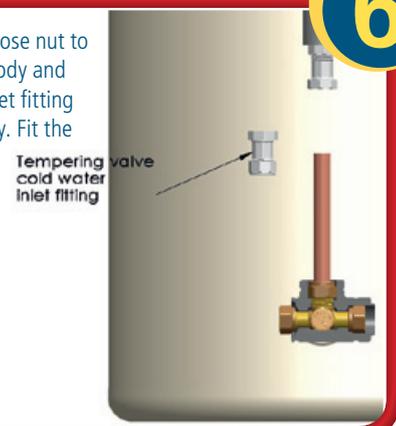
5

Re-attach the Tempering valve to the fixed inlet fitting and measure the distance between the cold water inlet tube stop and the Quickie 4way outlet tube stop. Cut a length of copper tube shorter by 3mm on this length. Also cut a length of pipe insulation shorter by 45mm



6

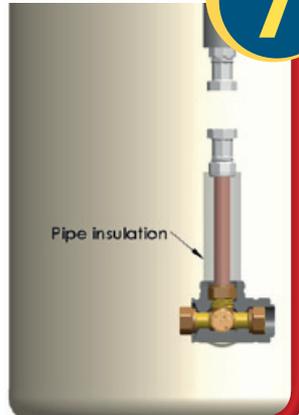
Unscrew the hot water inlet loose nut to release the Tempering valve body and also remove the cold water inlet fitting from the Tempering valve body. Fit the copper tube into the Quickie 4way outlet and tighten the nut and olive.



Quickie Kits

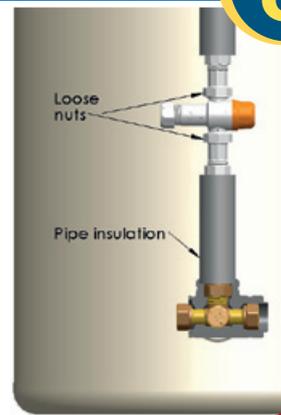
7

Slide the cut length of pipe insulation onto the copper tube and loosely fit the Tempering valve inlet fitting.



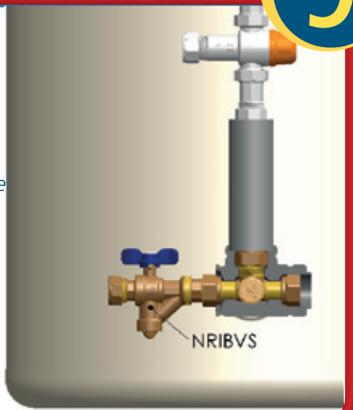
8

Slide the tempering valve back into position **making sure the sealing washers are in place** and tighten the loose nuts to secure. Now tighten the cold water inlet nut and olive to complete the Tempering valve fitment. Ensure that all joints are tightened.



9

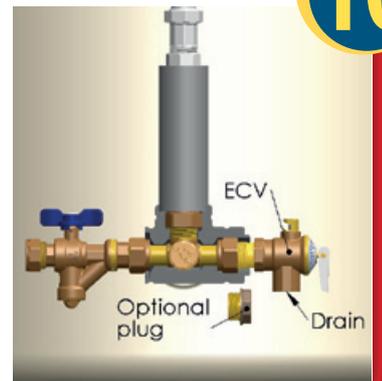
Fit the NRIBVS to the Quickie 4way loose nut as shown making sure the sealing washer is in place. With the ball valve handle to the top tighten the loose nut to seal. *NB: Some installations use an NRIPRV in place of NRIBVS as shown below....*



10

Fit the ECV to the Quickie 4way loose nut as shown **making sure the sealing washer is in place**. With the drain connection facing down, tighten the loose nut to seal.

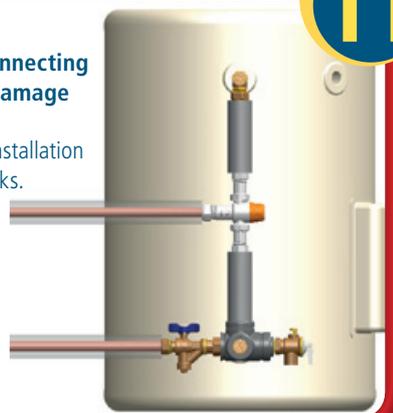
(For installations not requiring an Expansion Control Valve, fit the optional plug).



11

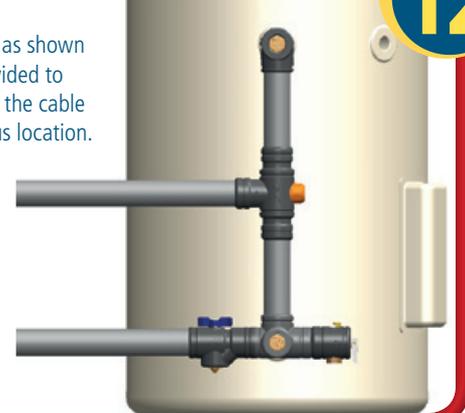
IMPORTANT NOTE: Flush water line before connecting line to valves to prevent damage from grit or debris.

Connect to insulated pipe at installation site and check all joints for leaks.



12

Fit the Insulation gloves as shown using the cable ties provided to secure in place. Position the cable locks in an inconspicuous location.



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