Quick Installation Kits, Quickie

Everything you need to plumb a storage hot water system quickly

Quickie

avg.net.au

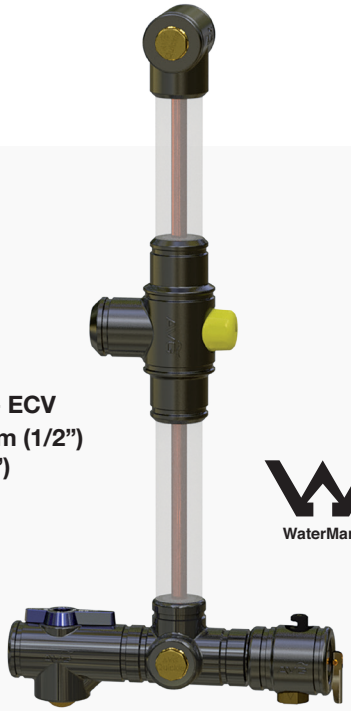
AVG®
Australian Valve Group
A WATTS Brand

Quick Installation 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.



QUICKIE KIT
Base Model - ECV
Storage 15mm (1/2")
& 20mm (3/2")

WaterMark

Features

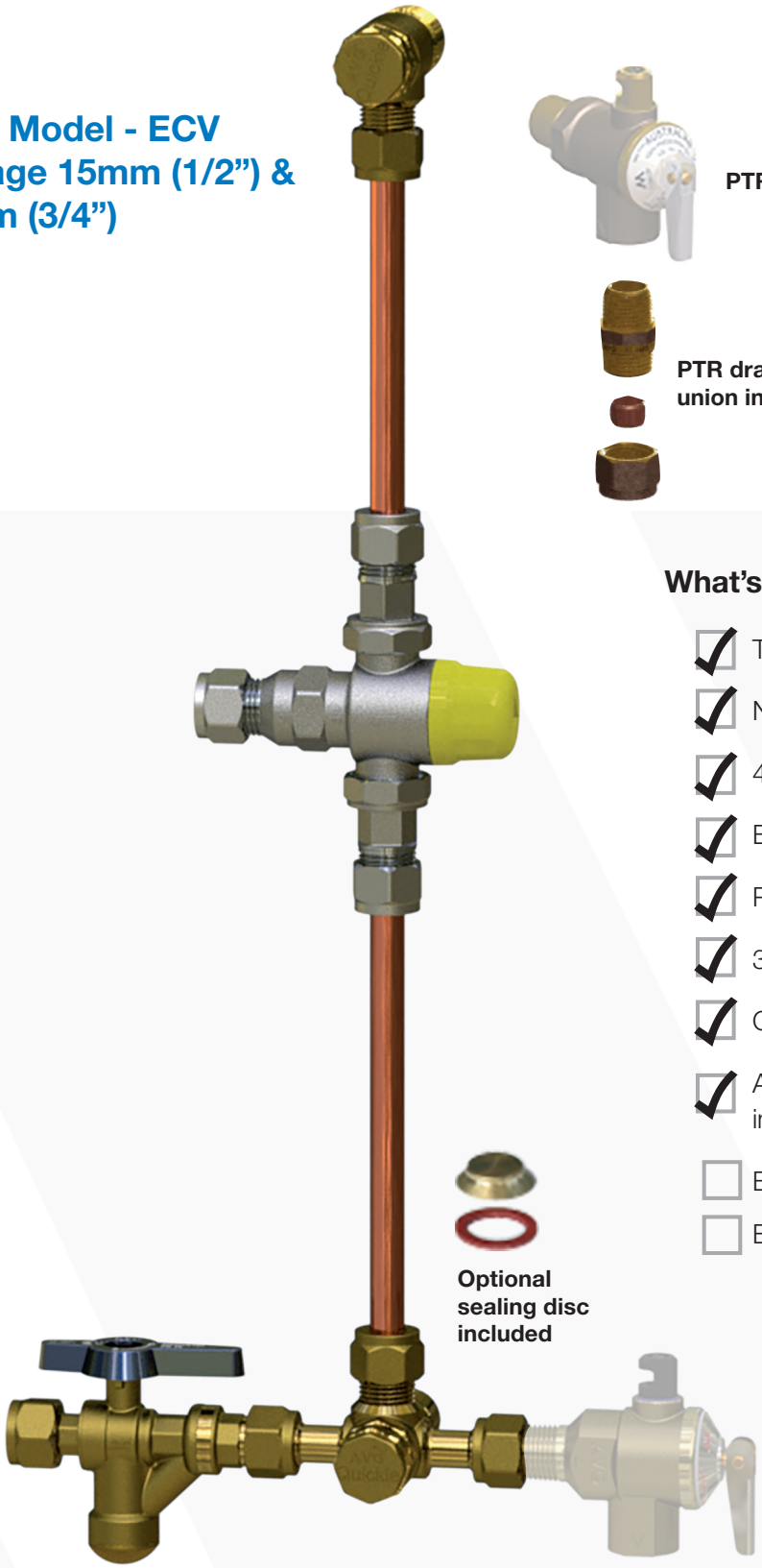
- Every thing you need in the one box - No missing parts on the job.
- Quick and Simple
- There's a Quickie kit to suit - Gas storage, Electric storage, Solar hot water systems, and Heat pumps.
- Reduces the need for thread seal tape
- Reduces the time on installations.
- Simple and & Easy to Assemble - 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.

Kits available:

QIK15
QIK20
QIK15 850
QIK20 850
QIK15 1200
QIK20 1200
QIK15 SOLAR
QIK20 SOLAR

Quickie
QUICK INSTALLATION KITS

Base Model - ECV Storage 15mm (1/2”) & 20mm (3/4”)



PTR not included

PTR drain line union included

Optional sealing disc included

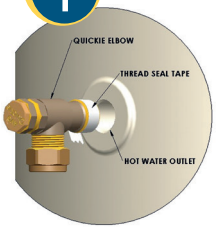
ECV included in QIK15/850 and QIK15/1200 only

What’s in this 15mm kit:

- [x] TVA15C Tempering Valve
- [x] NRIBVS-15C
- [x] 4 Way Tee
- [x] Elbow c/w filter
- [x] PTR Drain line union
- [x] 3 x fibre washers
- [x] Optional Sealing Disd
- [x] All other relevant insulation as per AS:3500
- [ ] ECV 15/850
- [ ] ECV 15/1200

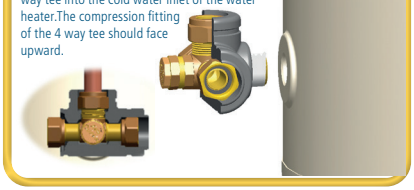
1

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.



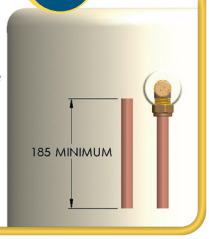
2

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.



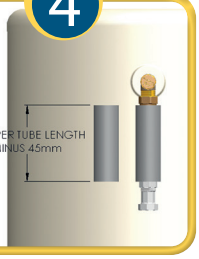
3

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.



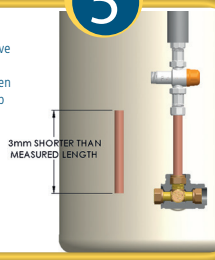
4

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.



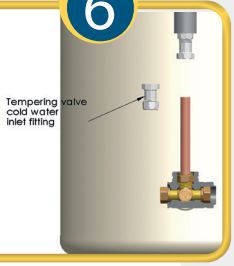
5

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



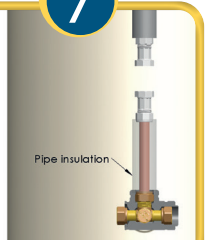
6

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.



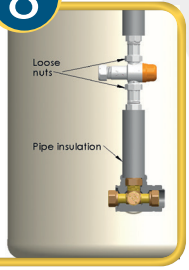
7

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



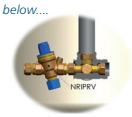
8

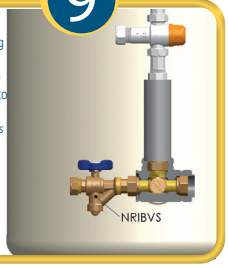
Slide the tempering valve back into position **making sure the sealing washers are in place** and tighten the loose nuts to secure. Now tighten the cold water inlet nut and olive to complete the Tempering valve fitment. Ensure that all joints are tightened.



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....*

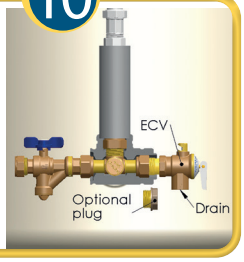




10

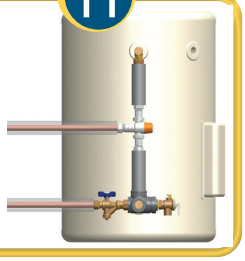
Fit the ECV to the Quickie 4way loose nutas shown **making sure the sealing washer is in place.**With the drain connection facing down, tighten the loose nut to seal.

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



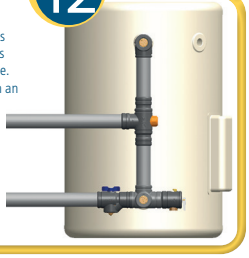
11

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.

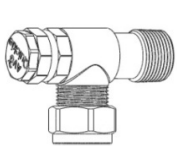


12

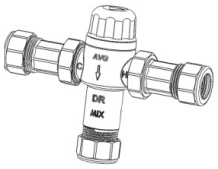
Fit the Insulation gloves as shown using the cable ties provided to secure in place. Position the cable locks in an inconspicuous location.



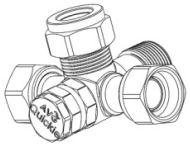
Typical Quick Kit parts



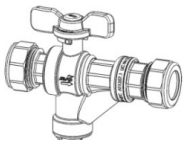
HOTWATER OUTLET x 1



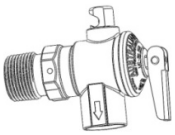
TEMPERING VALVE x 1



QUICKIE 4WAY x 1
FIBRE WASHER x 2



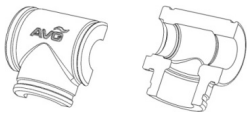
STOP TAP NON RETURN x 1



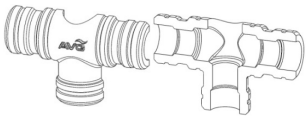
EXPANSION CONTROL x 1

OPTIONAL PLUG x 1

PTR DRAIN FITTING x 1

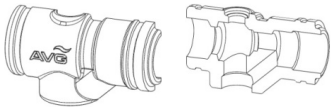


HOTWATER OUTLET GLOVE HALVES x 1 SET

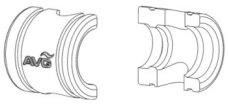


TEMPERING VALVE GLOVE HALVES x 1 SET

QUICKIE 4WAY GLOVE HALVES x 1 SET



STOP TAP NON RETURN GLOVE HALVES x 1 SET



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

CABLE TIE x 17

Australian Valve Group
A WATTS Brand

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