

## SPECIFICATIONS

- Conforms to NZS:4617
- Connections: All 20mm (3/4 BSP) male
- Factory set outlet temp 55°C
- Adjustable 30°C to 65°C
- Minimum 20 l/min at 35kPa (3.5m head)
- Maximum hot water temp 99°C
- Service Kit part No. 782004

## INSTALLATION

- Valves should always be fitted by a qualified plumber according to BIA G12
- This NEFA TLV is factory set to 55°C at an inlet hot and cold temperature of 15°C and 70°C respectively.
- If the inlet temperatures for the installation of this valve differ significantly from that of the above conditions it will be necessary to reset the outlet temperature to 55°C when the supply is re-connected.
- The Nefa TLV can be installed in any orientation but ensure the temperature adjusting screw is accessible
- Make up pipe runs to the Nefa TLV with 20mm copper pipe
- Ensure that the Nefa TLV is positioned a minimum of 350mm from the hot outlet of the water heater
- The Nefa TLV may be installed close to the outlet being serviced
- Ensure that hot and cold supply pressures to the inlet of the Nefa TLV are equal. (Note the Nefa Cold Water Expansion Valve has a 20mm port to allow a simple pipe run to the TLV)
- To adjust the outlet temperature turn the slotted screw located in the cover of the Nefa TLV. Adjustment is indicated by the arrow on the cover, turn anticlockwise to increase outlet temperature and clockwise to decrease outlet temperature

## IMPORTANT

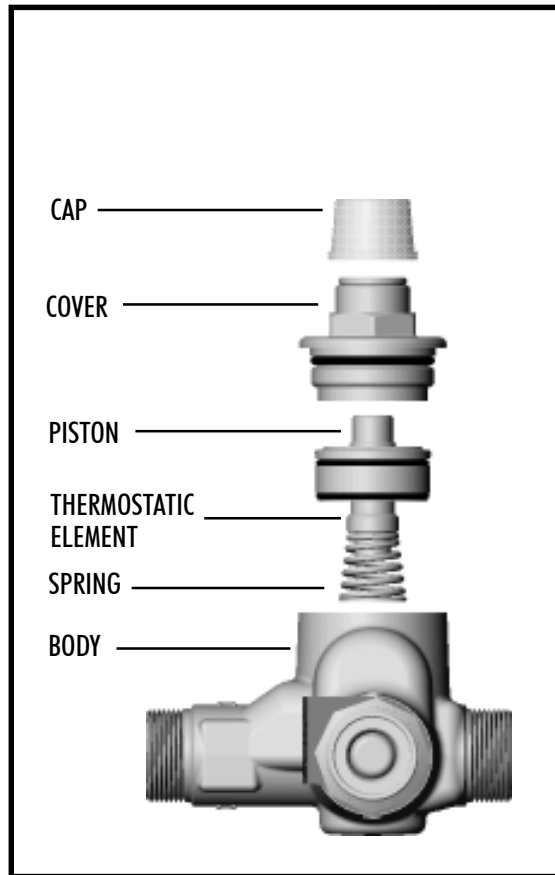
- Never install a Nefa TLV directly onto the outlet of the hot water cylinder
- The Nefa TLV must not obstruct the hot water cylinder vent or Nefa Relief Valve. In the event of high temperature the Nefa TLV will shut the hot supply and not allow the vent or Relief valve to relieve pressure in the cylinder
- In order to maintain the Nefa TLV's efficient function ensure a minimum 15°C differential between the TLV outlet temperature and the hot water supply.

### Warranty

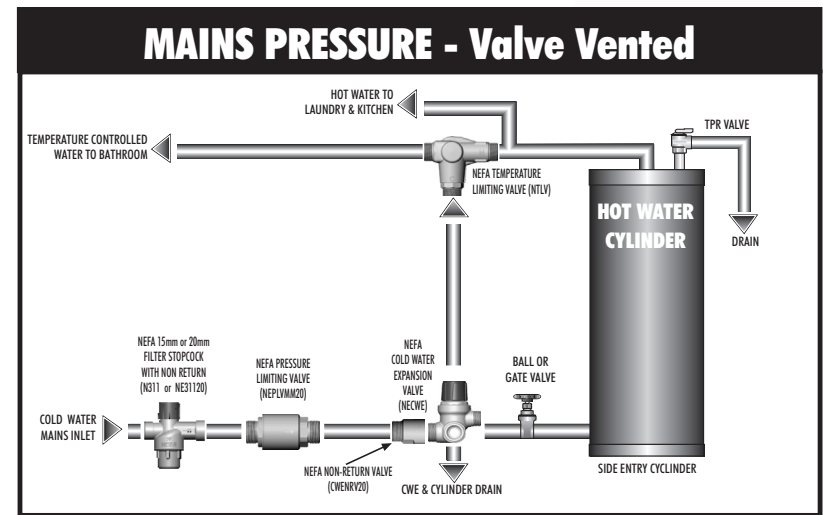
Where Methven valving is purchased for use or on-sale in the context of any business, Methven undertakes to either repair or replace (at its option) that valving, if it is discovered that such valving contains a material defect, which arose in the course of manufacture. This undertaking shall not apply if:

1. The defect is brought to Methven's attention later than 2 years after the date of purchase, where the defect relates to washers, "O" rings and powder coating, or 5 years where the defect relates to any other valving componentry. Proof of purchase will be required.
2. There is a failure by any person to follow Methven's installation instructions or the valving is used other than in accordance with Methven's specifications.
3. Evidence cannot be produced which confirms that the relevant valving was purchased from a Methven authorised distributor.
4. Repair work is performed on the relevant valving by a person other than Methven, its authorised service agents or any plumber who has not received authorisation prior to proceeding with the work.

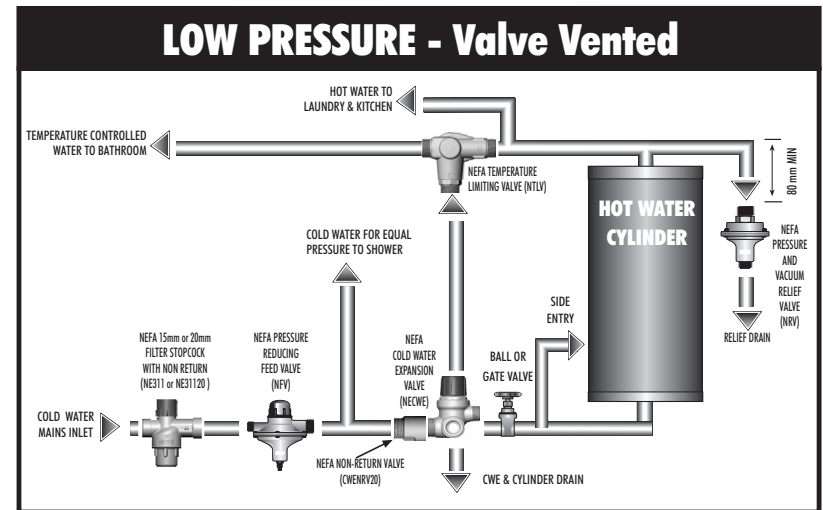
The above undertaking from Methven shall also apply to any purchaser of Methven valving who is a "Consumer" under the Consumer Guarantees Act 1993, in addition to any other right or remedy which such person may have under that Act. Methven shall in no way be liable to the purchaser or user of any valving, for any loss, damage (direct, indirect or consequential), cost or expense suffered or incurred by that person, otherwise than as provided in the above provisions, or as provided under the Consumer Guarantees Act 1993.



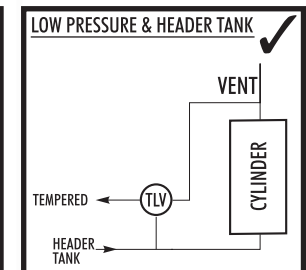
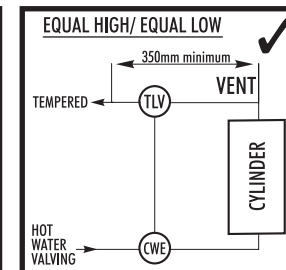
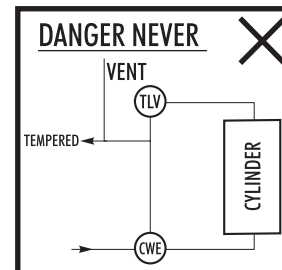
- On header tank and low pressure installations the Nefa TLV should be positioned as low as possible to increase performance.
- Do not braze or solder near the Nefa TLV
- When installing in a wetback situation try to install the Nefa TLV as far from the cylinder as possible to allow for cooling.
- Variation in TLV outlet temperature may occur with seasonal changes in cold water supply temperature.

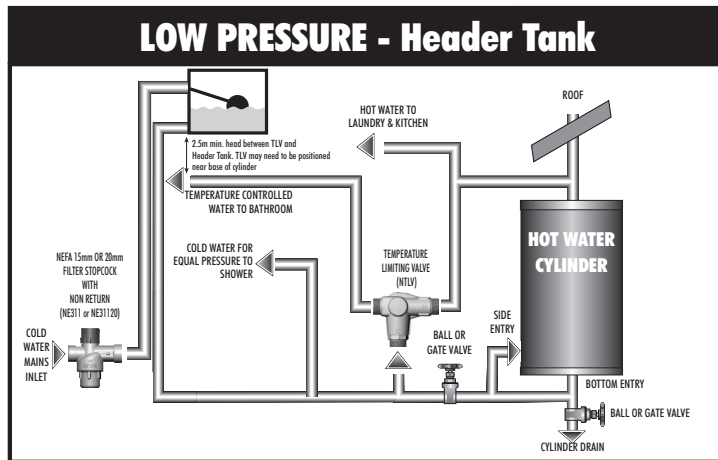
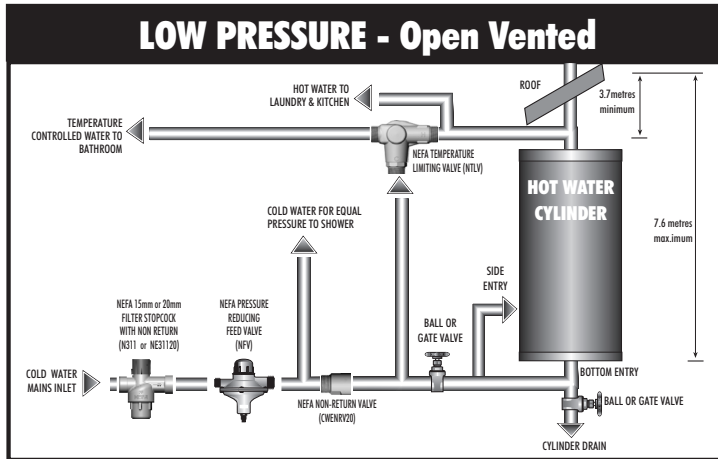


Diagrams for illustrative purposes only



## IMPORTANT - TLV INSTALLATION INSTRUCTIONS





Diagrams for illustrative purposes only



- Adjustable from 30°C to 65°C
- Fail Safe: Failure of cold water supply causes valve to shut down outlet
- Configured for easy installation
- Non-return fitted to stop thermosyphoning
- Serviceable (valves manufactured after Feb '95)
- Cap fitted to prevent unauthorised temperature adjustment
- Complies with the requirements of BIA G12

**TEMPERATURE**

**LIMITING**

**VALVE**