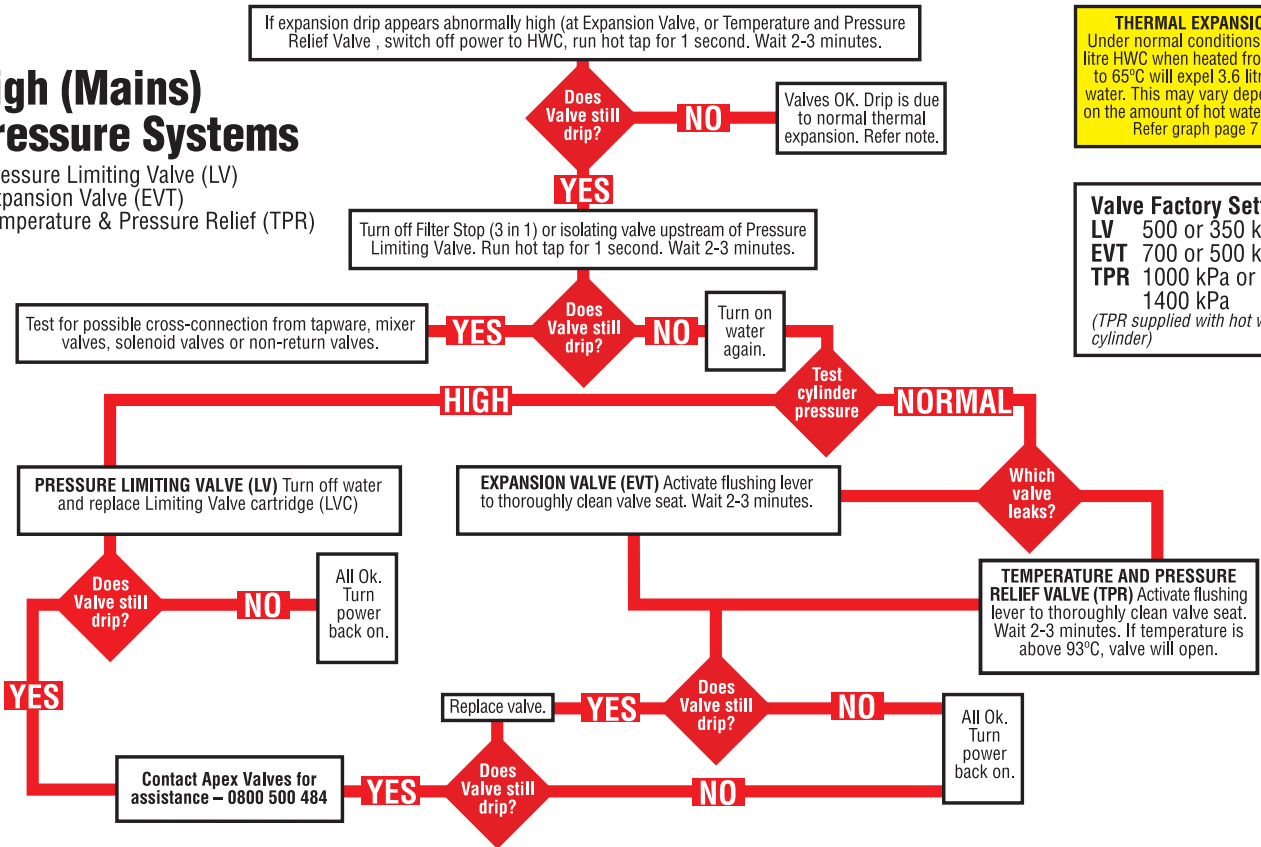


APEX[®] VALVES FAULT FINDING

High (Mains) Pressure Systems

- Pressure Limiting Valve (LV)
- Expansion Valve (EVT)
- Temperature & Pressure Relief (TPR)

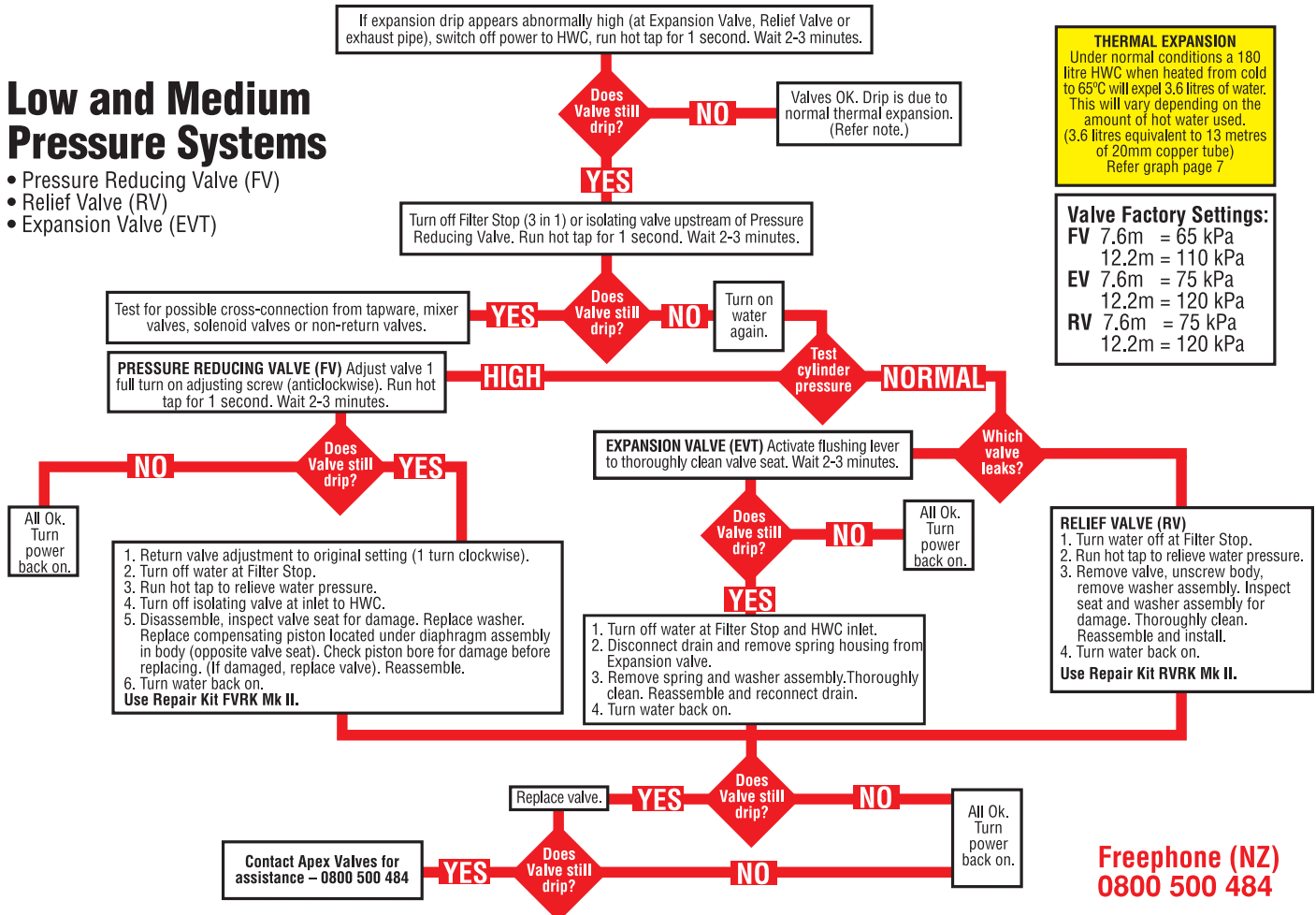


THERMAL EXPANSION
Under normal conditions a 180 litre HWC when heated from cold to 65°C will expel 3.6 litres of water. This may vary depending on the amount of hot water used. Refer graph page 7

Valve Factory Settings:
LV 500 or 350 kPa
EVT 700 or 500 kPa
TPR 1000 kPa or 1400 kPa
(TPR supplied with hot water cylinder)

Low and Medium Pressure Systems

- Pressure Reducing Valve (FV)
- Relief Valve (RV)
- Expansion Valve (EVT)



THERMAL EXPANSION
Under normal conditions a 180 litre HWC when heated from cold to 65°C will expel 3.6 litres of water. This will vary depending on the amount of hot water used. (3.6 litres equivalent to 13 metres of 20mm copper tube) Refer graph page 7

Valve Factory Settings:
FV 7.6m = 65 kPa
12.2m = 110 kPa
EV 7.6m = 75 kPa
12.2m = 120 kPa
RV 7.6m = 75 kPa
12.2m = 120 kPa

**Freephone (NZ)
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