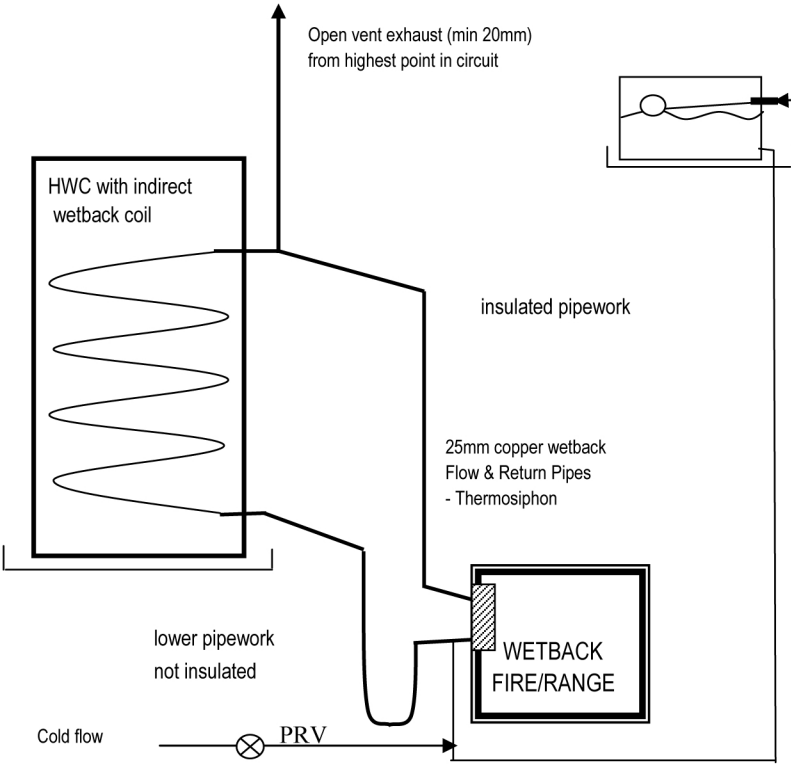
# TYPICAL EXAMPLE OF INDIRECT WETBACK COIL CIRCUIT




Solution A:
Copper expansion/Header tank
ballcock & copper float

or Solution B:
pressure reducing valve (allowed by some city/town councils only)

Notes:
This sketch is an example of a pipework schematic for the indirect wetback coil circuit only (Domestic plumbing not shown)
All installations must be by a qualified person in accordance with the NZ plumbing standards , building codes and guidelines ( G12/AS1, NZS4603 etc ) and local council requirements

Note:
Lower anti-thermosiphon loop recommended (not insulated) to help minimise back circulation
All pipes should be sloped to allow any trapped air/gases to rise to the vent. (All high points must be vented)

THE INSTALLER SHOULD REFER TO THE FOLLOWING DOCUMENTS FOR INSTALLATION GUIDELINES

Height of wetback connections (coil) above fire fittings as high as possible
NZS6403 min 300mm
G12/AS1 1:7 minimum

Minimum slope on pipes
G12/AS1 1:20 minimum

Anti-thermosiphon loop - up to 600mm (NZS6403)