



APPLICATIONS NOTICE

temperzone limited
Auckland, NEW ZEALAND.
Phone 0-9-279 5250, Fax 0-9-275 5637
Email sales@temperzone.co.nz

temperzone australia pty ltd
Sydney, AUSTRALIA.
Phone (02) 8822 5700, Fax (02) 8822 5711
Email sales@temperzone.com.au

Form NS 006

TO: AUTHORISED DEALERS/DISTRIBUTORS
N.Z. APPROVED INSTALLERS
H.O., REG'L & AUST. MANAGERS
APPLIC. NOTICE GENERAL LIST

ISSUE NO. : 05/07
DATE : 7 November 2007
FROM : T King/K Edwards

SUBJECT: REVERSE CYCLE UNITS IN COOLING ONLY APPLCATIONS

UNITS: VARIOUS

With the change to R410A refrigerant **temperzone** Limited has decided not to manufacture 'cooling only' split system or air cooled packaged units. Water cooled packaged units (HWP) will still be available in the 'cooling only' option.

If units are required to operate as 'cooling only' then it is possible to simply remove the wire between the 'HEAT' terminal and the reversing valve (or heat relay in 24 volt controlled units). This can be done on site by the electrician during installation. See Figs 1 & 2 (overleaf).

The thermostat, if it has a 'cool only' mode, should have this selected. Some thermostats may not have this mode and as result the 'COMP' terminal may receive a signal to run when heating would be expected but cooling would be the result. In this case there are two options. Either leave the heating wiring intact so that if on the rare occasion heating might be required, then the unit would supply heating and not cooling or, fit a relay between the heat terminal and neutral to break the signal from the comp terminal. See figs 3 & 4.

FIG1 SIMPLE PREVENTION OF HEAT CYCLE ACTIVATION (230V)

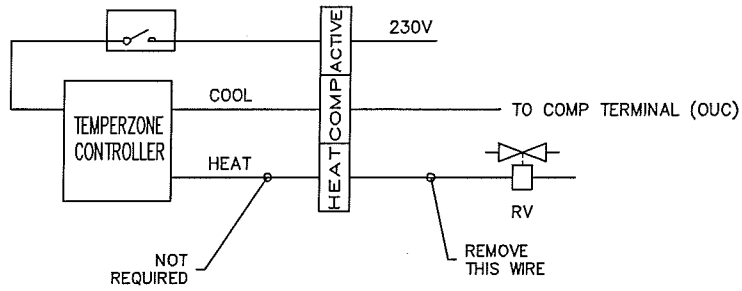


FIG2 SIMPLE PREVENTION OF HEAT CYCLE ACTIVATION (24V)

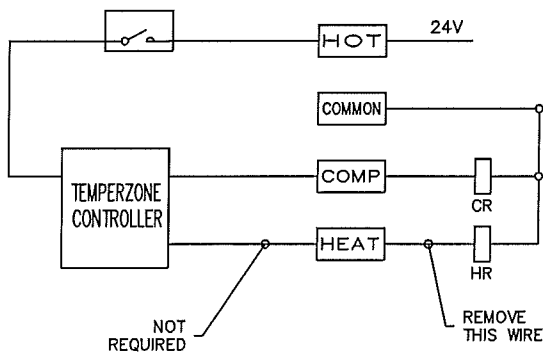


FIG3 PHYSICAL ELECTRICAL DISCONNECTION TO PREVENT HEATING (230V)

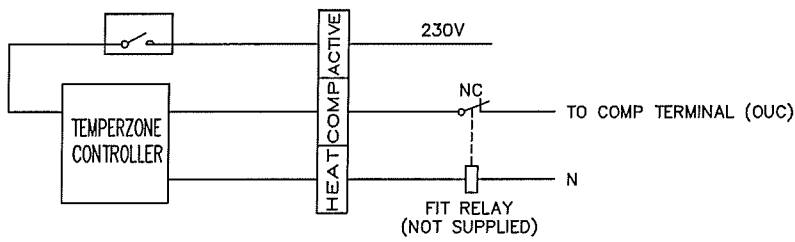


FIG4 PHYSICAL ELECTRICAL DISCONNECTION TO PREVENT HEATING (24V)

