



**HANWEST PTY LTD**

SPECIALISED COMPONENTS FOR AIR CONDITIONING & REFRIGERATION

Bulletin No. : CON-13A1  
Date : June 2000

ABN 49 003 452 551

## **HANWEST "ADD-A-ZONE" CONTROL SYSTEM. THE MOST FLEXIBLE LOW COST MULTI ZONE CONTROL SYSTEM CURRENTLY AVAILABLE.**

### **INSTALLATION FLEXIBILITY.**

In residential or commercial buildings where a number of separate rooms or offices are air conditioned by a single air conditioning unit the HANWEST "ADD-A-ZONE" control system greatly improves the temperature control and occupant comfort in the various rooms.

The system is not limited to any number of rooms or offices and systems have been installed with as few as 2 and up to 16 rooms being air-conditioned by a single air conditioner with very good results. Installation is made simple as the control system is supplied complete with all interconnecting cables which are fitted with quick connect plugs. As a result wiring faults during installation are minimal reducing installation and commissioning time.

### **MAIN CONTROLLER.**

The main system controller is the popular HAN-L5 microprocessor controller which controls the air conditioner heat and cool functions. The temperature sensor in the HAN-L5 controller is usually supplemented by a second remote sensor which averages the return air temperature from two locations in the return air path. If required two remote sensors can be used and the HAN-L5 can be installed in a remote or secure location to prevent unauthorised persons tampering with the control.

### **ROOM TEMPERATURE CONTROL.**

Occupants of the various rooms can control their own temperature as each room thermostat is temperature adjustable. When rooms are not being used each thermostat is equipped with an on/off switch to shut the air conditioning off to that room.

### **INCREASES SYSTEM EFFICIENCY.**

The ADD-A-ZONE system will direct the air conditioner capacity to the areas requiring cooling or heating. The air flow to rooms which have reached the desired temperature is closed down directing additional capacity to those rooms which have not achieved the required temperature. Rooms not in use can be switched off allowing the air conditioner capacity to be directed to the areas where air conditioning is required.

### **FOR SAFETY SAKE.**

The ADD-A-ZONE control system operates on a safe and reliable 24 volt electrical control system to the thermostats and damper motors installed in the building.