

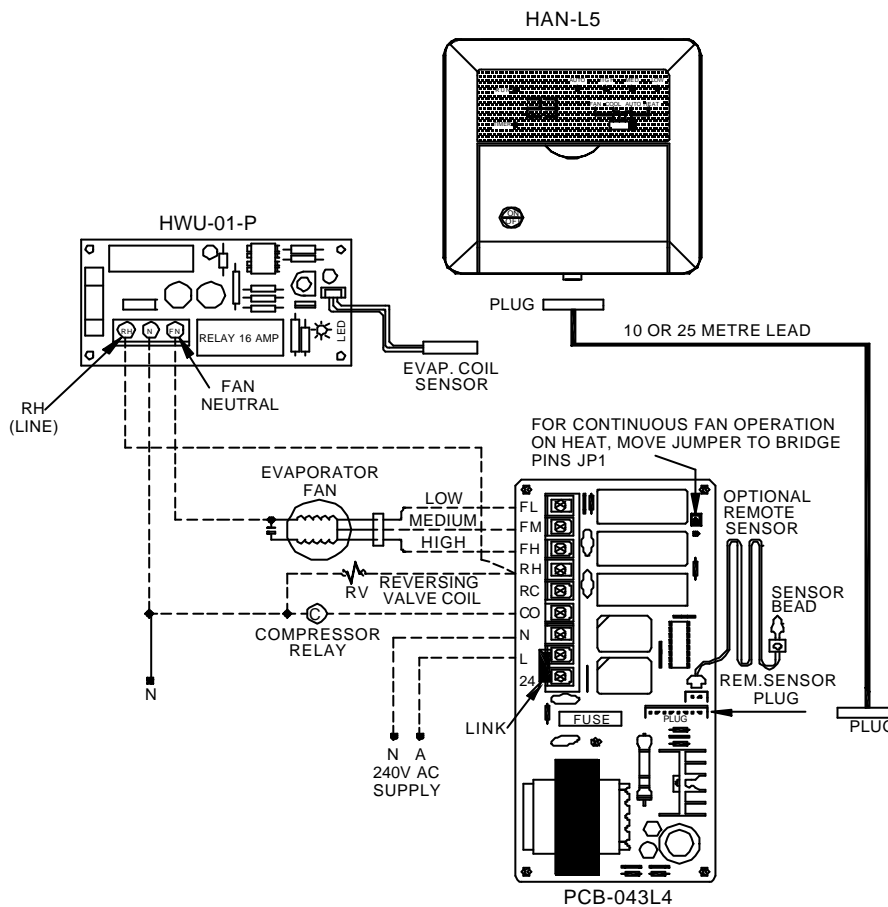


APPLICATION BULLETIN : HAN-L5/PCB-043L4. SUBJECT : SYSTEM WARM UP ACCELERATOR.



The Hanwest HWU-01-P is an essential control for reverse cycle air conditioners operating in areas where the ambient temperature is below 7°C. On cold starts in winter a reverse cycle air conditioner may take 30 minutes or longer before effective heating begins, however when the HWU-01-P control is fitted, effective heating commences within minutes as the refrigeration system is brought into correctly balanced operations.

The HWU-01-P can be fitted to any make or capacity air conditioner and is low cost and easy to install. Best results are obtained if the unit is equipped with a Hanwest HAN-L5 microprocessor controller.



Typical installation with a Hanwest HAN-L5 controller

INSTALLATION.

Locate the HWU warm up control at the fan coil unit. Connect as indicated in the above wiring diagram. If the air conditioning unit is fitted with a mechanical thermostat, it is recommended that the thermostat be replaced with a Hanwest HAN-L5 series microprocessor controller.

SENSING BULB.

It is essential that the sensing bulb be located at the mid point of one of the refrigerant circuits in the indoor coil. Gently open the fins in the indoor coil on the leaving air side and implant the sensor in the coil as close as possible to the copper tubes. It is not recommended that the sensor be clipped to a return bend as poor heat transfer will prevent correct operation of the control. Do not install on the indoor coil suction (large) header or premature fan start will occur. The HWU does not operate on the cooling cycle.